



PUBLIC WORKS DEPARTMENT
PUBLIC SERVICES DIVISION
231 North Whisman Road, P.O. Box 7540
Mountain View, CA 94039-7540
650-903-6329 | MountainView.gov

July 18, 2022

Mr. Jeffrey Gove, Director
Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105
Via Email: compliance@baaqmd.gov

TV Tracking #: 516

1. RECEIVED IN ENFORCEMENT: 07/28/2022

TITLE V, START-UP, SHUTDOWN, MALFUNCTION PLAN AND BAY AREA AIR QUALITY MANAGEMENT DISTRICT RULE 8-34, SEMI-ANNUAL MONITORING REPORTS FOR THE SHORELINE LANDFILL, MOUNTAIN VIEW, CALIFORNIA (FACILITY NO. A2740)

Dear Mr. Gove:

Enclosed are the Title V, Startup, Shutdown, Malfunction (SSM) Plan and Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 34, Semiannual Monitoring Reports for the Shoreline Landfill, Mountain View, California (Facility No. A2740). These reports are for the period from January 1, 2022 through June 30, 2022 and pertain to the landfill gas (LFG) collection and control system (GCCS) operated at the landfill. The Title V report also addresses the diesel-powered emergency generators located at the landfill site.

Title V Report

The Title V report meets the requirements specified in the Title V permit, BAAQMD guidance on Title V report submittals and Regulation 2, Rule 6. The report includes the signed certification by the Responsible Official of the City of Mountain View.

SSM Plan Report

The City of Mountain View revised and implemented the revised SSM Plan on February 18, 2009, as required by 40 CFR Part 63, Subpart AAAAA, the Maximum Achievable Control Technology standards for landfills. This section includes SSM reports for the landfill gas collection and emission control system operated at the landfill. The SSM reports for microturbines are not required pursuant to Title V permit condition revisions dated March 9, 2017. All SSM activities during this reporting period were consistent with the SSM Plan with no deviations.

Rule 8-34 Report

The Rule 8-34 report includes various testing, monitoring, maintenance, start-up, shutdown and malfunction, and repair records as required by BAAQMD, Rule 8-34-411. This report also satisfies

the requirements under the New Source Performance Standards (NSPS) for municipal solid waste landfills (40 CFR Part 60, Subpart WWW) and Emission Guidelines (EG, 40 CFR Part 60, Subpart CC), including 40 CFR 60.757(f).

The Rule 8-34 report is organized into the following sections:

- Section I—Source Performance Test Reports. The flare station and microturbine source performance tests were conducted on February 1 and February 2, 2022. The source performance test report is included in this section.
- Section II—Landfill Gas Collection System Downtime. This section includes landfill gas collection system downtime and explanations of repairs related to the downtime. Gas collection system shutdowns and records are summarized in this section.
- Section III—Emission Control System Downtime. This section includes emission control system shutdowns and reasons for each shutdown. Flare station shutdowns and records are summarized in this section.
- Section IV—Quarterly Landfill Gas Emission Monitoring. This section includes quarterly landfill surface emission monitoring and component checks performed by City staff. A Century OVA 108 portable organic vapor analyzer (OVA) was used to monitor emissions. The OVA was calibrated and tested prior to each use. All component leaks and surface emissions detected during quarterly monitoring were recorded and were below the allowable limits or were below the allowable limits after repair. Component leaks and monitoring records are summarized in this section.
- Section V—Monthly Landfill Gas Wellhead Monitoring. This section includes wellhead monitoring performed by City staff. The Envision ENV200 gas analyzers were used to measure well performance in the field. The instruments were calibrated and tested prior to each use.
- Section VI—Monthly Landfill Gas Wellhead Repairs for Exceedances. This section includes wellhead problem investigations, monitoring, and repairs performed in response to wellhead exceedances. However, the oxygen concentrations measured at the main header during monthly monitoring of exempted wellheads are included. A summary of field monitoring results and records is enclosed.
- Section VII—Continuous Temperature- and Flow-Monitoring Records. This section includes continuous temperature and flow monitoring charts for the flare station.

Mr. Jeffrey Gove

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- Section VIII—Landfill Gas Flow Meter Calibration. This section includes landfill gas flow meter calibration certificates for the flow meters located at the flare station.

I believe this report is true, accurate, and complete. If any further information is required or you have any questions, please call Tina Tseng, Principal Civil Engineer, at 650-903-6187 or me at 650-903-6140.

Sincerely,



Lisa Au

Assistant Public Works Director

LA/AS/4/PSD

717-07-18-22L-1

- Enclosures:
1. Title V Semiannual Monitoring Report (with Certification Statement)
 2. Start-Up, Shutdown Malfunction Plan Semiannual Report
 3. BAAQMD Rule 8-34 Report

cc: Mr. Raymond Salalila, RSalalila@baaqmd.gov

PWD, SLCM, PCE—Tseng, AE—Sharma, F/c



TITLE V, SSM PLAN
AND BAAQMD RULE 8-34
SEMIANNUAL MONITORING REPORTS
2022 – FIRST INCREMENT

CITY OF MOUNTAIN VIEW
SHORELINE LANDFILL
MOUNTAIN VIEW, CALIFORNIA
(FACILITY NO. A2740)

TITLE V SEMINANNUAL REPORT

2022 – FIRST INCREMENT

CITY OF MOUNTAIN VIEW
SHORELINE LANDFILL
MOUNTAIN VIEW, CALIFORNIA
(FACILITY NO. A2740)

**CITY OF MOUNTAIN VIEW
TITLE V SEMI-ANNUAL MONITORING REPORT**


SITE NAME: City of Mountain View – Shoreline Landfill

FACILITY ID # A2740

REPORTING PERIOD: 1/1/2022 – 6/30/2022

CERTIFICATION:

Based on information and belief formed after reasonable inquiry, the statements and information provided in this document are true, accurate, complete, and addresses all deviations during the reporting period:


Kimbra McCarthy (Jul 26, 2022 13:56 PDT)
Signature of Responsible Official

Jul 26, 2022
Date

Kimbra McCarthy
Name of Responsible Official (please print)

City Manager
Title of Responsible Official (please print)

Mail to:

*Director of Compliance and Enforcement
BAAQMD
Bay Area Metro Center, 375 Beale Street, Suite 600
San Francisco, CA 94105
Attn: Title V reports*

**CITY OF MOUNTAIN VIEW
TITLE V SEMI-ANNUAL MONITORING REPORT**

SITE NAME: City of Mountain View – Shoreline Landfill

FACILITY ID # A2740

REPORTING PERIOD: 1/1/2022 – 6/30/2022

List of Permitted Sources and Abatement Devices

| PERMIT UNIT NUMBER | EQUIPMENT DESCRIPTION |
|--------------------|---|
| S-1 | Landfill and Gas Collection System |
| A-6 | Landfill Gas Flare |
| A-7 | Landfill Gas Flare |
| A-8 | Landfill Gas Flare |
| S-11 | Diesel Engine For Emergency Standby Generator (at Flare Station) |
| S-14 | Diesel Engine For Emergency Standby Generator (at Sewer Pump Station) |
| S-16 | Microturbine (at Flare Station) |
| S-17 | Microturbine (at Sewage Pump Station) |

CITY OF MOUNTAIN VIEW
Shoreline Landfill – Facility ID # A2740
TITLE V SEMI ANNUAL MONITORING REPORT (1/1/2022 – 6/30/2022)
PERMITTED UNITS: S-1 LANDFILL AND GAS COLLECTION SYSTEM; A-6, A-7, and A-8 LANDFILL GAS FLARES

| Type of Limit | Monitoring Requirement Citation | Citation of Limit | Limit | Parameter Monitored | Monitoring Frequency * (P/C/N) | Compliance | Comments/Corrective Action Taken |
|---|---|---|---|--|---------------------------------------|-----------------------|---|
| Amount of Waste Accepted | BAAQMD 8-34-501.7 | BAAQMD Condition # 16065, Part 1 | 0 tons/day and ≤ 12,725,000 tons (cumulative amount of all wastes) and ≤ 18,852,000 yd ³ (cumulative amount of all wastes and cover materials) | Records Closed Landfill No waste accepted | P/A | Continuous Yes | |
| Gas Flow | BAAQMD 8-34-501.10 and 508 | BAAQMD 8-34-301 and 301.1 | Landfill gas collection system shall operate continuously (except as indicated in Condition # 16065, Part 3) and all collected gases shall be vented to a properly operating control system | Gas Flow Meter and Recorder (every 15 minutes) | C | Continuous Yes | |
| Gas Flow | BAAQMD 8-34-501.1, 501.2, 501.10, and 508 and BAAQMD Condition # 16065, Part 6 | BAAQMD Condition # 16065, Parts 2-3 | Landfill gas collection system shall operate continuously (except as indicated in Condition # 16065, Part 3) and all collected gases shall be vented to a properly operating control system | Gas Flow Meter, Flare Alarms, and Records of Collection and Control Systems Downtime | C,P/E | Continuous Yes | |
| Collection System Installation Dates | BAAQMD 8-34-501.7 and 501.8 and BAAQMD Condition # 16065, Parts 15a-b | BAAQMD 8-34-304.1 | For Inactive/Closed Areas: collection system components must be installed and operating by 2 years + 60 days after initial waste placement | Records | P/E | Continuous Yes | |

CITY OF MOUNTAIN VIEW
Shoreline Landfill – Facility ID # A2740
TITLE V SEMI ANNUAL MONITORING REPORT (1/1/2022 – 6/30/2022)
PERMITTED UNITS: S-1 LANDFILL AND GAS COLLECTION SYSTEM; A-6, A-7, and A-8 LANDFILL GAS FLARES

| Type of Limit | Monitoring Requirement Citation | Citation of Limit | Limit | Parameter Monitored | Monitoring Frequency * (P/C/N) | Compliance | Comments/Corrective Action Taken |
|---|--|--------------------------|--|---|---------------------------------------|-------------------|---|
| Collection and Control Systems Shutdown Time | BAAQMD 8-34-501.1 | BAAQMD 8-34-113.2 | ≤ 240 hours/year and ≤ 5 consecutive days | Operating Records | P/D | Continuous Yes | |
| Startup Shutdown or Malfunction Procedures | 40 CFR 63.1980(a-b) | 40 CFR 63.6(e) | Minimize Emissions by Implementing SSM Plan | Records (all occurrences, duration of each, corrective actions) | P/E | Continuous Yes | |
| Periods of In-operation for Parametric Monitors | BAAQMD 1-523.4 | BAAQMD 1-523.2 | ≤ 15 consecutive days/incident and ≤ 30 calendar days/12 month period | Operating Records for All Parametric Monitors (for gas flow and temperature monitors) | P/D | Continuous Yes | |
| Continuous Monitors | 40 CFR 60.7(b) | 40 CFR 60.13(e) | Requires Continuous Operation except for breakdowns, repairs, calibration, and required span adjustments | Operating Records for All Continuous Monitors (for gas flow and temperature Monitors) | P/D | Continuous Yes | |
| Wellhead Pressure | BAAQMD 8-34-414, 501.9, and 505.1 | BAAQMD 8-34-305.1 | < 0 psig | Monthly Inspection and Records | P/M | Continuous Yes | |
| Temperature of Gas at Wellhead | BAAQMD 8-34-414, 501.9 and 505.2 | BAAQMD 8-34-305.2 | < 55 °C (131 °F) (Wells listed in BAAQMD Condition # 16065, Part 5a are excluded from this limit.) | Monthly Inspection and Records | P/M | Continuous Yes | |

CITY OF MOUNTAIN VIEW
Shoreline Landfill – Facility ID # A2740
TITLE V SEMI ANNUAL MONITORING REPORT (1/1/2022 – 6/30/2022)
PERMITTED UNITS: S-1 LANDFILL AND GAS COLLECTION SYSTEM; A-6, A-7, and A-8 LANDFILL GAS FLARES

| Type of Limit | Monitoring Requirement Citation | Citation of Limit | Limit | Parameter Monitored | Monitoring Frequency * (P/C/N) | Compliance | Comments/Corrective Action Taken |
|--|--|--|---|---|---------------------------------------|-------------------|---|
| Temperature of Gas at Wellhead | BAAQMD 8-34-414, 501.9 and 505.2 | BAAQMD Condition # 16065, Part 5a | ≤ 140 °F (This limit applies only to wells listed in BAAQMD Condition # 16065, Part 5a) | Monthly Inspection and Records | P/M | Continuous Yes | |
| Gas Concentrations at Wellhead | BAAQMD 8-34-414, 501.9 and 505.3 or 505.4 | BAAQMD 8-34-305.3 or 305.4 | $N_2 < 20\%$ OR $O_2 < 5\%$ (Wells listed in BAAQMD Condition # 16065, Part 5b are excluded from these limits.) | Monthly Inspection and Records | P/M | Continuous Yes | |
| Gas Concentrations at Header | BAAQMD Condition # 16065, Part 5b | BAAQMD Condition # 16065, Part 5b | $O_2 \leq 5\%$ by volume, dry basis AND $CH_4 \geq 35\%$ by volume, dry basis | Monthly Inspection and Records | P/M | Continuous Yes | |
| Well Shutdown Limits | BAAQMD 8-34-117.6 and 501.1 | BAAQMD 8-34-117.4 | No more than 5 wells at a time or 10% of total collection system, whichever is less | Records | P/D | Continuous Yes | |
| Well Shutdown Limits | BAAQMD 8-34-117.6 and 501.1 | BAAQMD 8-34-117.5 | ≤ 24 hours per well | Records | P/D | Continuous Yes | |
| TOC (Total Organic Compounds Plus Methane) | BAAQMD 8-34-501.6 and 503 and BAAQMD Condition # 16065, Part 15c | BAAQMD 8-34-301.2 | Component Leak Limit: ≤ 1000 ppmv as methane at 1 cm from component (see BAAQMD Condition # 16065, Part 5c for Clarifications about vaults) | Quarterly Inspection of collection and control system components with Portable Analyzer and Records | P/Q | Continuous Yes | |

CITY OF MOUNTAIN VIEW
Shoreline Landfill – Facility ID # A2740
TITLE V SEMI ANNUAL MONITORING REPORT (1/1/2022 – 6/30/2022)
PERMITTED UNITS: S-1 LANDFILL AND GAS COLLECTION SYSTEM; A-6, A-7, and A-8 LANDFILL GAS FLARES

| Type of Limit | Monitoring Requirement Citation | Citation of Limit | Limit | Parameter Monitored | Monitoring Frequency * (P/C/N) | Compliance | Comments/Corrective Action Taken |
|--------------------------------------|--|---|--|--|--------------------------------|-------------------|----------------------------------|
| TOC | BAAQMD 8-34-415, 416, 501.6, 506 and 510 and BAAQMD Condition # 16065, Part 15c | BAAQMD 8-34-303 | Surface Leak Limit: ≤ 500 ppmv as methane at 2 inches above surface (see BAAQMD Condition # 16065, Part 5c for clarifications about vaults) | Monthly Visual Inspection of Cover, Quarterly Inspection of Surface with Portable Analyzer, Reinspections as Needed, and Records | P/M, Q, and E | Continuous Yes | |
| Non-Methane Organic Compounds (NMOC) | BAAQMD 8-34-412 and 501.4 and BAAQMD Condition # 16065, Parts 13 and 15c | BAAQMD 8-34-301.3 | ≥ 98% removal by weight OR < 30 ppmv, dry basis @ 3% O ₂ , expressed as methane (applies to flares only) | Source Tests and Records | P/A | Continuous Yes | |
| Temperature of Combustion Zone (CT) | BAAQMD 8-34-501.3 and 507 | BAAQMD Condition # 16065, Part 7 (Updated: December 9, 2015) | CT ≥ 1577 °F, averaged over any 3-hour period (applies to each flares) | Temperature Sensor and Recorder | C | Continuous Yes | |
| SO ₂ | BAAQMD Condition # 16065, Parts 13 and 15c or Parts 14 and 15c | BAAQMD Regulation 9-1-302 | ≤ 300 ppm (dry basis) | Annual Source Test At Flare or Sulfur Analysis of Landfill Gas at Header and Records | P/A | Continuous Yes | |

CITY OF MOUNTAIN VIEW
Shoreline Landfill – Facility ID # A2740
TITLE V SEMI ANNUAL MONITORING REPORT (1/1/2022 – 6/30/2022)
PERMITTED UNITS: S-1 LANDFILL AND GAS COLLECTION SYSTEM; A-6, A-7, and A-8 LANDFILL GAS FLARES

| Type of Limit | Monitoring Requirement Citation | Citation of Limit | Limit | Parameter Monitored | Monitoring Frequency * (P/C/N) | Compliance | Comments/Corrective Action Taken |
|-----------------------------|---|---|---|---|--------------------------------|-------------------|----------------------------------|
| SO ₂ | BAAQMD Condition # 16065, Parts 13f and 15c or 14 and 15c | BAAQMD Condition # 16065, Part 12 BAAQMD Regulation 9-1-302 | ≤ 9 ppm (dry basis) (applies to each flare A-6, A-7, and A-8) | Sulfur Analysis of Landfill Gas and Records | P/A | Continuous Yes | |
| Landfill Gas Sulfur Content | BAAQMD Condition # 16065, Parts 14 and 15c | BAAQMD Condition # 16065, Part 12 | ≤ 150 ppmv, expressed as H ₂ S (applies if SO ₂ testing is not conducted at flare exhaust) | Sulfur Analysis of Landfill Gas and Records | P/A | Continuous Yes | |
| NO _x | BAAQMD Condition # 16065, Parts 13 and 15c | BAAQMD Condition # 16065, Part 9a (Updated: December 9, 2015) | ≤ 0.06 lbs/MMBTU or ≤ 15 ppmv, as NO ₂ at 15% O ₂ , dry basis (applies to A-6, A-7, and A-8 flares only) | Source Tests and Records | P/A | Continuous Yes | |
| CO | BAAQMD Condition # 16065, Parts 13 and 15c | BAAQMD Condition # 16065, Part 10a | < 0.20 lbs/MMBTU or ≤ 83 ppmv, at 15% O ₂ , dry basis (applies to A-6 A-7, and A-8 flares only) | Source Tests and Records | P/A | Continuous Yes | |

* Monitoring Frequency Legend

P = Periodic Monitoring / on an A = Annual, Q = Quarterly, M = Monthly, W = Weekly, D = Daily or E = Event basis
C = Continuous Monitoring

CITY OF MOUNTAIN VIEW
Shoreline Landfill – Facility ID # A2740
TITLE V SEMI ANNUAL MONITORING REPORT (1/1/2022 – 6/30/2022)
PERMITTED UNITS: S-11 AND S-14 DIESEL ENGINES FOR EMERGENCY STANDBY GENERATORS

| Type of Limit | Monitoring Requirement Citation | Citation of Limit | Limit | Parameter Monitored | Monitoring Frequency * (P/C) | Compliance | Comments/Corrective Action Taken |
|----------------------------|--|--|--|----------------------------|-------------------------------------|---|---|
| Liquid Fuel Sulfur Content | BAAQMD Condition # 24175, Part 5f | BAAQMD Regulation 9-1-304 | Fuel Sulfur Limit: ≤ 0.5% S by weight | Vendor Certification | P/E | Continuous Yes | |
| Liquid Fuel Sulfur Content | BAAQMD Condition # 24175, Part 5f | CCR Title 17, Section 93115.5(b) and CCR Title 13, Section 2281(a)(1-5) | Standby Engines must use CARB Diesel Fuel or other CARB Approved Alternative Fuel which has Fuel Sulfur Limits of: ≤ 15 ppmw of S | Vendor Certification | P/E | Continuous Yes | |
| Operating Hours | BAAQMD Regulation 9-8-530 and BAAQMD Condition # 24175, Parts 4 and 5a-d and CCR Title 17, Section 93115.10(e)(1)&(g)(1) | BAAQMD Condition # 24175, Part 1 and CCR Title 17, Section 93115.6 (b)(3)(A)(1)(b) | For S-11 Diesel Engine: Operating hours for Reliability-Related Activities: ≤ 30 hours in a calendar year | Hour Meter and Records | P/C, M | Continuous Yes | |
| Operating Hours | BAAQMD Regulation 9-8-530 and BAAQMD Condition # 24175, Parts 4 and 5a-d and CCR Title 17, Section 93115.10(e)(1)&(g)(1) | BAAQMD Regulation 9-8-330.3 and BAAQMD Condition # 24175, Part 2b | For S-14 Diesel Engine Operating hours for Reliability-Related Activities: ≤ 50 hours in a calendar year (Effective 1/1/2012) | Hour Meter and Records | P/C, M | Continuous Yes (Effective 1/1/2012) | |

CITY OF MOUNTAIN VIEW
Shoreline Landfill – Facility ID # A2740
TITLE V SEMI ANNUAL MONITORING REPORT (1/1/2022 – 6/30/2022)
PERMITTED UNITS: S-11 AND S-14 DIESEL ENGINES FOR EMERGENCY STANDBY GENERATORS

| Type of Limit | Monitoring Requirement Citation | Citation of Limit | Limit | Parameter Monitored | Monitoring Frequency * (P/C) | Compliance | Comments/Corrective Action Taken |
|-----------------|--|--------------------------------|--|------------------------------------|------------------------------|-------------------|----------------------------------|
| Operating Hours | 40 CFR 63.6625(f) and 63.6655(f)(2) | 40 CFR 63.6640 (f)(2)(i) | Operating Hours for Maintenance Checks, Readiness Testing, and Other Non-Emergency Operation: < 100 hours in a calendar year | Hour Meter and Records | C & P/M | Continuous Yes | |
| Operating Hours | 40 CFR 63.6625(f) and 63.6655(f)(2) | 40 CFR 63.6640 (f)(4) | Operating Hours for Non-Emergency Operation: < 50 hours in a calendar year | Hour Meter and Records | C & P/M | Continuous Yes | |
| Maintenance | 40 CFR §63.6625(f); 63.6655(e) | 40 CFR §63.6603(a) | Every 500 hours or annually, whichever comes first: Change oil and filter; unless following oil analysis program under §63.6625(j) | Non-resettable Hour Meter; Records | C P/E | Continuous Yes | |
| Maintenance | 40 CFR §63.6625(f); 63.6655(e) | 40 CFR §63.6603(a) | Every 1000 hours or annually, whichever comes first: Inspect spark plugs and replace as necessary | Non-resettable Hour Meter; Records | C P/E | Continuous Yes | |
| Maintenance | 40 CFR §63.6625(f); 63.6655(e) | 40 CFR §63.6603(a) | Every 500 hours or annually, whichever comes first: Inspect hoses and belts and replace as necessary | Non-resettable Hour Meter; Records | C P/E | Continuous Yes | |

* Monitoring Frequency Legend

P = Periodic Monitoring / on an A = Annual, Q = Quarterly, M = Monthly, W = Weekly, D = Daily or E = Event basis
C = Continuous Monitoring

CITY OF MOUNTAIN VIEW
Shoreline Landfill – Facility ID # A2740
TITLE V SEMI ANNUAL MONITORING REPORT (1/1/2022 – 6/30/2022)
PERMITTED UNITS: S-16 MICROTURBINE, AND S-17 MICROTURBINE

| Type of Limit | Monitoring Requirement Citation | Citation of Limit | Limit | Parameter Monitored | Monitoring Frequency * (P/C) | Compliance | Comments/Corrective Action Taken |
|--|---|---|---|--|------------------------------|-------------------|----------------------------------|
| TOC (Total Organic Compounds Plus Methane) | BAAQMD 8-34-501.6 and 503 and BAAQMD Condition # 16065, Part 15c | BAAQMD 8-34-301.2 | ≤ 1000 ppmv as methane (component leak limit) | Quarterly Inspection of Control System Components with Portable Analyzer and Records | P/Q | Continuous Yes | |
| Non-Methane Organic Compounds (NMOC) | BAAQMD 8-34-412 and 501.4 and BAAQMD Condition # 24989, Parts 2 and 3 | BAAQMD 8-34-301.4 | ≥ 98% removal by weight OR < 120 ppmv, dry basis @ 3% O ₂ , expressed as methane | Source Tests and Records | P/A | Continuous Yes | |
| Volatile Organic Compounds (VOC) | CCR Title 17 Section 95204 | BAAQMD Condition # 24989, Part 1 | < 1.0 lbs/MW-hr | CARB Certification | P/E | Continuous Yes | |
| NO _x | CCR Title 17 Section 95204 | BAAQMD Condition # 24989, Part 1 | < 0.5 lbs/MW-hr | CARB Certification | P/E | Continuous Yes | |
| CO | CCR Title 17 Section 95204 | BAAQMD Condition # 24989, Part 1 | < 6.0 lbs/MW-hr | CARB Certification | P/E | Continuous Yes | |

* Monitoring Frequency Legend

P = Periodic Monitoring / on an A = Annual, Q = Quarterly, M = Monthly, W = Weekly, D = Daily or E = Event basis
C = Continuous Monitoring

SSM PLAN REPORT
2022 – FIRST INCREMENT

CITY OF MOUNTAIN VIEW
SHORELINE LANDFILL
MOUNTAIN VIEW, CALIFORNIA
(FACILITY NO. A2740)

**CITY OF MOUNTAIN VIEW
SHORELINE LANDFILL, FACILITY ID A2740
EMISSION CONTROL SYSTEM SHUTDOWN SUMMARY
January 1 - June 30, 2022**

| Period | Duration Hours: Minutes |
|---|----------------------------|
| Total shutdown duration from January 1 - June 30, 2022 | 17:32 |

| Date | Description * (January 1 - June 30, 2022) Maintenance, operation and repairs requiring Flare station Shutdown | Shutdown | Start up | Duration Hours: Minutes |
|-----------|--|----------|----------|----------------------------|
| 1/11/2022 | Switch from flare #2 to #1 | 8:37 AM | 8:43 AM | 0:06 |
| 1/19/2022 | Blower change from #2 to #3 | 7:10 AM | 11:00 AM | 3:50 |
| 1/26/2022 | Flare check | 8:01 PM | 8:09 PM | 0:08 |
| 2/1/2022 | Switch flares for source test | 1:49 PM | 1:55 PM | 0:06 |
| 2/16/2022 | Calibrate flow meters | 8:09 AM | 12:09 PM | 4:00 |
| 3/9/2022 | Blower change from #3 to #1 | 7:16 PM | 7:28 PM | 0:12 |
| 4/4/2022 | Blower change from #1 to #2 | 6:56 PM | 7:18 PM | 0:22 |
| 4/8/2022 | Bloom high flow spike | 6:28 AM | 6:34 AM | 0:06 |
| 4/13/2022 | Louvers check on flares | 9:13 AM | 9:23 AM | 0:10 |
| 4/28/2022 | Flare change from #2 to #3 | 5:45 PM | 6:14 PM | 0:29 |
| 5/2/2022 | Flare switch | 9:09 PM | 9:18 PM | 0:09 |
| 5/16/2022 | Blower change from #2 to #3 | 7:45 PM | 8:00 PM | 0:15 |
| 5/28/2022 | Low gas flow | 6:30 PM | 8:30 PM | 2:00 |
| 6/7/2022 | Bloom high flow spike | 4:58 AM | 5:07 AM | 0:09 |
| 6/7/2022 | Telestar replaced chart recorder | 7:45 AM | 9:53 AM | 2:08 |
| 6/13/2022 | Change out pilot ignition module | 7:05 AM | 10:02 AM | 2:57 |
| 6/23/2022 | Low gas flow | 5:17 AM | 5:42 AM | 0:25 |

* - Monitoring records are attached.

**SSM PLAN REPORT FORM /
FLARE STATION DAILY CHECKLIST**
City of Mountain View Flare Station

Date 1-11-22
s m t w th f s

AM MONITORING

Name LEON ROSARZO
Arrival Time 7:40am Departure Time 7:55am
GEM# ENV #2 Manometer yes no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------------|-------------|------------|
| <u>39.0</u> | <u>30.5</u> | <u>2.5</u> |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------------|--------------|------------|
| Flare #1 | <u>/</u> | <u>/</u> | <u>/</u> |
| Flare #2 | <u>1614</u> | <u>1.98"</u> | <u>227</u> |
| Flare #3 | <u>1626</u> | <u>1.00"</u> | <u>288</u> |

| Blower Oper. | RPM | Hours |
|--------------|-------------|---------------|
| Blower #1 | <u>/</u> | <u>/</u> |
| Blower #2 | <u>2175</u> | <u>6856.2</u> |
| Blower #3 | <u>/</u> | <u>/</u> |

Air Compressor Hours: 8159.5
Google SCFM: am: 69 pm:

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|---------------|---------------|---------------|
| CH4 % | <u>42.4</u> | <u>36.2</u> | <u>36.0</u> |
| CO2 % | <u>32.3</u> | <u>31.0</u> | <u>25.9</u> |
| O2 % | <u>1.7</u> | <u>0.8</u> | <u>6.0</u> |
| Vacuum | <u>-41.8"</u> | <u>-43.2"</u> | <u>-44.5"</u> |
| SCFM | <u>272</u> | <u>210</u> | <u>123</u> |
| Temperature | <u>58</u> | <u>58</u> | <u>58</u> |

Time of Shutdown: 8:37am
Time of Start-Up: 8:43am
Duration of Shutdown/Malfunction:

Reason for Shutdown/Malfunction: switch Flares
 Air-Compressor System Blower High-Gas Flow
 High Temperature LEL Low Gas Flow
 Low Temperature UV Scanner System
 Power Failure Scheduled Preventive Maintenance

Switch from flare #2 to Flare #1

[Signature] 1-11-22
Signature Date

PM MONITORING

Name _____
Arrival Time _____ Departure Time _____
GEM# _____ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| | | |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1 | | | |
| Flare #2 | | | |
| Flare #3 | | | |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum | | | |
| SCFM | | | |

Back Up Generator Running yes / no
Control Room Bypass yes / no
The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no

Comments and/or Description of Malfunction and Affected Equipment:

Emission Exceedence: yes* / no
SSM Plan Procedures Followed: yes / no*
If SSM Plan Procedure **not** followed, explain procedure used:

* If Emmission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

**SSM PLAN REPORT FORM /
FLARE STATION DAILY CHECKLIST**
City of Mountain View Flare Station

Date 1-19-22
s m t **w** th f s

AM MONITORING

Name LEON ROSARIO
Arrival Time 6:23am Departure Time 6:37am
GEM# ENV #2 Manometer yes ~~no~~

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 38.5 | 30.5 | 2.4 |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|-------|------|
| Flare #1 | 1630 | 1.25" | 81 |
| Flare #2 | | | |
| Flare #3 | 1626 | 2.15" | 422 |

| Blower Oper. | RPM | Hours |
|--------------|------|---------|
| Blower #1 | | |
| Blower #2 | 2175 | 62046.9 |
| Blower #3 | | |

Air Compressor Hours: 8212.4
Google SCFM: am: 62 pm:

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| CH4 % | 41.0 | 37.1 | 35.5 |
| CO2 % | 31.5 | 31.7 | 26.7 |
| O2 % | 2.0 | 0.4 | 5.9 |
| Vacuum | -42.2 | -40.7 | -42.0 |
| SCFM | 261 | 210 | 134 |
| Temperature | 58 | 59 | 59 |

Time of Shutdown: 7:10am
Time of Start-Up: 11am
Duration of Shutdown Malfunction: 3hrs 50min

Reason for Shutdown Malfunction:
 Air-Compressor System Blower High Gas Flow
 High Temperature LEL Low Gas Flow
 Low Temperature UV Scanner System
 Power Failure Scheduled Preventive Maintenance

Blower change #2 to #3.
Telstar on site doing ALL
Electrical PM's
[Signature]
Signature 1/19/22
Date

PM MONITORING

Name _____
Arrival Time _____ Departure Time _____
GEM# _____ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| | | |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1 | | | |
| Flare #2 | | | |
| Flare #3 | | | |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum | | | |
| SCFM | | | |

Back Up Generator Running yes / no
Control Room Bypass yes / no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no

Comments and/or Description of Malfunction and Affected Equipment:

Emission Exceedence: yes* / no
SSM Plan Procedures Followed: yes / no*
If SSM Plan Procedure **not** followed, explain procedure used:

* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

**SSM PLAN REPORT FORM /
FLARE STATION DAILY CHECKLIST**
City of Mountain View Flare Station

Date January 26th, 2022
s m t w th f s

AM MONITORING

PM MONITORING

Name Jason R. Bean
Arrival Time 4:41am Departure Time 4:52pm
GEM# Emulsion #2 Manometer yes no

Name _____
Arrival Time _____ Departure Time _____
GEM# _____ Manometer _____ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|--------------|-------------|------------|
| <u>410.0</u> | <u>30.7</u> | <u>2.4</u> |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| | | |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------------|--------------|------------|
| Flare #1 | <u>1594</u> | <u>0.91"</u> | <u>70</u> |
| Flare #2 | <u>/</u> | <u>/</u> | <u>/</u> |
| Flare #3 | <u>1620</u> | <u>2.01"</u> | <u>410</u> |

| Flare Operation | Temp | Vac | SCFM |
|-----------------|------|-----|------|
| Flare #1 | | | |
| Flare #2 | | | |
| Flare #3 | | | |

| Blower Oper. | RPM | Hours |
|--------------|-------------|----------------|
| Blower #1 | <u>/</u> | <u>/</u> |
| Blower #2 | <u>/</u> | <u>/</u> |
| Blower #3 | <u>2150</u> | <u>27639.9</u> |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum | | | |
| SCFM | | | |

Air Compressor Hours: 8261.9
Google SCFM: am: 59 pm: _____

Back Up Generator Running yes / no

Control Room Bypass yes / no

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|---------------|---------------|---------------|
| CH4 % | <u>43.2</u> | <u>38.1</u> | <u>36.9</u> |
| CO2 % | <u>32.4</u> | <u>31.8</u> | <u>27.5</u> |
| O2 % | <u>1.8</u> | <u>0.5</u> | <u>5.7</u> |
| Vacuum | <u>-42.5"</u> | <u>-41.1"</u> | <u>-42.2"</u> |
| SCFM | <u>233</u> | <u>209</u> | <u>96</u> |
| Temperature | <u>58</u> | <u>59</u> | <u>58</u> |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no

Comments and/or Description of Malfunction and Affected Equipment: _____

Time of Shutdown: 8:01am
Time of Start-Up: 8:09pm
Duration of Shutdown/Malfunction: 8 min

Reason for Shutdown/Malfunction:
 Air-Compressor System Blower High Gas Flow
 High Temperature LEL Low Gas Flow
 Low Temperature UV Scanner System
 Power Failure Scheduled Preventive Maintenance

Emission Exceedence: yes* / no

SSM Plan Procedures Followed: yes / no*

If SSM Plan Procedure **not** followed, explain procedure used: _____

* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Cheer Flares

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

Signature Jason R. Bean Date 1/26/22

**SSM PLAN REPORT FORM /
FLARE STATION DAILY CHECKLIST**
City of Mountain View Flare Station

Date February 1st, 2022
s m t w th f s

AM MONITORING

Name Jason R. Bean
Arrival Time 5:51am Departure Time 6:03am
GEM# Emulsion #1 Manometer yes no

PM MONITORING

Name _____
Arrival Time _____ Departure Time _____
GEM# _____ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 40.4 | 31.2 | 2.4 |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| | | |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|-------|------|
| Flare #1 | 1617 | 5.22" | 163 |
| Flare #2 | 1615 | 4.49" | 340 |
| Flare #3 | | | |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1 | | | |
| Flare #2 | | | |
| Flare #3 | | | |

| Blower Oper. | RPM | Hours |
|--------------|------|--------|
| Blower #1 | | |
| Blower #2 | | |
| Blower #3 | 2175 | 2785.1 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum | | | |
| SCFM | | | |

Air Compressor Hours: 8307.6
Google SCFM: am: 62 pm: _____

Back Up Generator Running yes / no
Control Room Bypass yes / no

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 % | 45.3 | 38.3 | 36.4 |
| CO2 % | 33.8 | 32.3 | 27.0 |
| O2 % | 1.3 | 0.6 | 6.7 |
| Vacuum | -43.3" | -42.0" | -42.9" |
| SCFM | 233 | 215 | 154 |
| Temperature | 56 | 58 | 57 |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no

Time of Shutdown: 1:49 pm
Time of Start-Up: 1:55 pm
Duration of Shutdown/Malfunction: 6 min

Comments and/or Description of Malfunction and Affected Equipment:
Annual Source Testing of Flare #1, 2, 3

Reason for Shutdown/Malfunction:
 Air-Compressor System Blower High Gas Flow
 High Temperature LEL Low Gas Flow
 Low Temperature UV Scanner System
 Power Failure Scheduled Preventive Maintenance

Emission Exceedence: yes / no
SSM Plan Procedures Followed: yes / no*
If SSM Plan Procedure **not** followed, explain procedure used:

Switch Flares for Source test

* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Signature [Signature] Date 2/1/22

Are any comments, descriptions, other information, etc. continued on the back side? yes no

**SSM PLAN REPORT FORM /
FLARE STATION DAILY CHECKLIST**
City of Mountain View Flare Station

Date February 16th, 2022
s m t w th f s

AM MONITORING

Name Jason R. Beam
Arrival Time 6:32 AM Departure Time 6:43 AM
GEM# Envision #1 Manometer yes no

PM MONITORING

Name _____
Arrival Time _____ Departure Time _____
GEM# _____ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 39.4 | 31.0 | 2.2 |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| | | |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|-------|------|
| Flare #1 | 1618 | 2.45" | 111 |
| Flare #2 | / | / | / |
| Flare #3 | 1628 | 1.50" | 353 |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1 | | | |
| Flare #2 | | | |
| Flare #3 | | | |

| Blower Oper. | RPM | Hours |
|--------------|------|--------|
| Blower #1 | / | / |
| Blower #2 | / | / |
| Blower #3 | 2125 | 2845.7 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum | | | |
| SCFM | | | |

Air Compressor Hours: 8408.4
Google SCFM: am: 61 pm: _____

Back Up Generator Running yes / no

Control Room Bypass yes / no

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 % | 43.1 | 37.0 | 38.4 |
| CO2 % | 32.5 | 31.9 | 29.1 |
| O2 % | 2.1 | 0.8 | 4.7 |
| Vacuum | -43.2" | -41.5" | -42.8" |
| SCFM | 216 | 216 | 131 |
| Temperature | 57 | 58 | 59 |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed, isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes no

Comments and/or Description of Malfunction and Affected Equipment: _____

Time of Shutdown: 8:09 AM
Time of Start-Up: 12:09 PM
Duration of Shutdown / Malfunction: 4 hrs

- Reason for Shutdown / Malfunction:
- Air-Compressor System Blower High Gas Flow
 - High Temperature LEL Low Gas Flow
 - Low Temperature UV Scanner System
 - Power Failure Scheduled Preventive Maintenance

Emission Exceedence: yes* / no

SSM Plan Procedures Followed: yes no*

If SSM Plan Procedure **not** followed, explain procedure used: _____

Calibrate flow meters (Telstar)

* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Signature [Signature] Date 2/16/22

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

SSM PLAN REPORT FORM /
 FLARE STATION DAILY CHECKLIST
 City of Mountain View Flare Station

Date March 9th, 2022
 s m t w th f s

AM MONITORING

Name Jason R. Bean
 Arrival Time 7:00am Departure Time 7:14am
 GEM# Envision #1 Manometer yes no

PM MONITORING

Name _____
 Arrival Time _____ Departure Time _____
 GEM# _____ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 41.7 | 30.1 | 2.8 |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| | | |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|-------|------|
| Flare #1 | 11626 | 4.79" | 153 |
| Flare #2 | 11636 | 3.90" | 317 |
| Flare #3 | / | / | / |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1 | | | |
| Flare #2 | | | |
| Flare #3 | | | |

| Blower Oper. | RPM | Hours |
|--------------|------|--------|
| Blower #1 | / | / |
| Blower #2 | / | / |
| Blower #3 | 2100 | 286463 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum | | | |
| SCFM | | | |

Air Compressor Hours: 8548.3
 Google SCFM: am: 60 pm: _____

Back Up Generator Running yes / no

Control Room Bypass yes / no

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 % | 46.8 | 41.1 | 36.1 |
| CO2 % | 33.2 | 31.4 | 25.7 |
| O2 % | 1.1 | 1.0 | 6.9 |
| Vacuum | -40.4" | -39.6" | -40.0" |
| SCFM | 252 | 152 | 166 |
| Temperature | 58 | 59 | 58 |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment: _____

Time of Shutdown: 7:16am
 Time of Start-Up: 7:28am
 Duration of Shutdown/Malfunction: 12 min

Reason for Shutdown Malfunction:
 Air-Compressor System Blower High Gas Flow
 High Temperature LEL Low Gas Flow
 Low Temperature UV Scanner System
 Power Failure Scheduled Preventive Maintenance

Emission Exceedence: yes* / no

SSM Plan Procedures Followed: yes / no*

If SSM Plan Procedure **not** followed, explain procedure used: _____

Switch from blower #3 to #1. Monthly Change

* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Signature Jason R. Bean Date 3/9/22

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

SSM PLAN REPORT FORM /
 FLARE STATION DAILY CHECKLIST
 City of Mountain View Flare Station

Date April 4th 2022
 s m t w th f s

AM MONITORING

Name Jason R. Bean
 Arrival Time 6:40am Departure Time 6:54pm
 GEM# Envision #4 Manometer yes no

PM MONITORING

Name _____
 Arrival Time _____ Departure Time _____
 GEM# _____ Manometer yes no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 42.8 | 30.4 | 2.2 |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| | | |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|-------|------|
| Flare #1 | 1623 | 2.60" | 113 |
| Flare #2 | 1617 | 2.12" | 230 |
| Flare #3 | / | / | / |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1 | | | |
| Flare #2 | | | |
| Flare #3 | | | |

| Blower Oper. | RPM | Hours |
|--------------|------|---------|
| Blower #1 | 2100 | 17803.4 |
| Blower #2 | / | / |
| Blower #3 | / | / |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum | | | |
| SCFM | | | |

Air Compressor Hours: 8738.1
 Google SCFM: am: 34 pm: _____

Back Up Generator Running yes no
 Control Room Bypass yes no

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 % | 45.3 | 42.3 | 39.5 |
| CO2 % | 32.9 | 30.2 | 26.8 |
| O2 % | 1.5 | 1.3 | 4.9 |
| Vacuum | -41.5" | -40.7" | -41.4" |
| SCFM | 192 | 149 | 109 |
| Temperature | 62 | 63 | 61 |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes no

Comments and/or Description of Malfunction and Affected Equipment: _____

Time of Shutdown: 6:54am
 Time of Start-Up: 7:18am
 Duration of Shutdown Malfunction: 22 min

Reason for Shutdown Malfunction:
 Air-Compressor System Blower High Gas Flow
 High Temperature LEL Low Gas Flow
 Low Temperature UV Scanner System
 Power Failure Scheduled Preventive Maintenance

Emission Exceedence: yes* no
 SSM Plan Procedures Followed: yes no*

If SSM Plan Procedure **not** followed, explain procedure used: _____

Switch from blower #1 to #2
Monthly change

* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Signature Jason R. Bean Date 4/4/2022

Are any comments, descriptions, other information, etc. continued on the back side? yes no

**SSM PLAN REPORT FORM /
FLARE STATION DAILY CHECKLIST**
City of Mountain View Flare Station

Date 4-8-22
s m t w th **(f)** s

AM MONITORING

Name LEON ROSARIO
Arrival Time 10:54am Departure Time 11:07am
GEM# ENV #4 Manometer yes no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 42.7 | 32.5 | 1.9 |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|-------|------|
| Flare #1 | 1617 | 1.60" | 87 |
| Flare #2 | — | — | — |
| Flare #3 | 1613 | 0.96" | 270 |

| Blower Oper. | RPM | Hours |
|--------------|------|---------|
| Blower #1 | — | — |
| Blower #2 | 2100 | 62147.3 |
| Blower #3 | — | — |

Air Compressor Hours: 8769.0
Google SCFM: am: 51 pm: _____

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 % | 44.4 | 41.6 | 40.7 |
| CO2 % | 33.9 | 30.8 | 28.2 |
| O2 % | 1.2 | 1.1 | 4.1 |
| Vacuum | -40.6" | -39.8" | -40.5" |
| SCFM | 201 | 151 | 112 |
| Temperature | 68 | 67 | 70 |

Time of Shutdown: 6:28am
Time of Start-Up: 6:34am
Duration of Shutdown/Malfunction: 6min

- Reason for Shutdown/Malfunction:
- Air-Compressor System
 - Blower
 - High Gas Flow
 - High Temperature
 - LEL
 - Low Gas Flow
 - Low Temperature
 - UV Scanner System
 - Power Failure
 - Scheduled Preventive Maintenance

Bloom High flow spike.

Signature [Signature] Date 4-8-22

PM MONITORING

Name _____
Arrival Time _____ Departure Time _____
GEM# _____ Manometer _____ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| | | |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1 | | | |
| Flare #2 | | | |
| Flare #3 | | | |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum | | | |
| SCFM | | | |

Back Up Generator Running _____ yes / no

Control Room Bypass _____ yes / no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed, isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes no

Comments and/or Description of Malfunction and Affected Equipment: _____

Emission Exceedence: _____ yes* / no

SSM Plan Procedures Followed: _____ yes / no*

If SSM Plan Procedure **not** followed, explain procedure used: _____

* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? _____ yes / no

**SSM PLAN REPORT FORM /
FLARE STATION DAILY CHECKLIST**
City of Mountain View Flare Station

Date 4-13-22
s m t w th f s

AM MONITORING

Name LEON ROSARIO
Arrival Time 7:47am Departure Time 8am
GEM# FW # 4 Manometer yes no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------------|-------------|------------|
| <u>42.9</u> | <u>30.6</u> | <u>2.1</u> |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------------|--------------|------------|
| Flare #1 | <u>1625</u> | <u>4.83"</u> | <u>153</u> |
| Flare #2 | <u>1622</u> | <u>4.00"</u> | <u>327</u> |
| Flare #3 | | | |

| Blower Oper. | RPM | Hours |
|--------------|-------------|---------------|
| Blower #1 | | |
| Blower #2 | <u>2100</u> | <u>6226.3</u> |
| Blower #3 | | |

Air Compressor Hours: 8806.3
Google SCFM: am: 43 pm:

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|---------------|---------------|---------------|
| CH4 % | <u>45.7</u> | <u>41.4</u> | <u>38.5</u> |
| CO2 % | <u>32.1</u> | <u>29.2</u> | <u>26.4</u> |
| O2 % | <u>1.4</u> | <u>1.0</u> | <u>4.8</u> |
| Vacuum | <u>-39.7"</u> | <u>-38.7"</u> | <u>-39.6"</u> |
| SCFM | <u>309</u> | <u>162</u> | <u>110</u> |
| Temperature | <u>64</u> | <u>65</u> | <u>61</u> |

Time of Shutdown: 9:13am
Time of Start-Up: 9:23am
Duration of Shutdown/Malfunction: 10 min

Reason for Shutdown/Malfunction:
 Air-Compressor System Blower High Gas Flow
 High Temperature LEL Low Gas Flow
 Low Temperature UV Scanner System
 Power Failure Scheduled Preventive Maintenance

checking Louvers on flares

Signature [Signature] Date 4-13-22

PM MONITORING

Name _____
Arrival Time _____ Departure Time _____
GEM# _____ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| | | |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1 | | | |
| Flare #2 | | | |
| Flare #3 | | | |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum | | | |
| SCFM | | | |

Back Up Generator Running yes / no

Control Room Bypass yes / no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no

Comments and/or Description of Malfunction and Affected Equipment:

Emission Exceedence: yes* / no

SSM Plan Procedures Followed: yes no*

If SSM Plan Procedure not followed, explain procedure used:

* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

**SSM PLAN REPORT FORM /
FLARE STATION DAILY CHECKLIST**
City of Mountain View Flare Station

Date April 28th 2022
s m t w th f s

AM MONITORING

Name Jason R. Bean
Arrival Time 5:33am Departure Time 6:18am
GEM# EM001M #4 Manometer yes no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------------|-------------|------------|
| <u>43.3</u> | <u>32.6</u> | <u>2.4</u> |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------------|-------------|------------|
| Flare #1 | <u>1627</u> | <u>236"</u> | <u>121</u> |
| Flare #2 | <u>1626</u> | <u>219"</u> | <u>248</u> |
| Flare #3 | <u>/</u> | <u>/</u> | <u>/</u> |

| Blower Oper. | RPM | Hours |
|--------------|-------------|----------------|
| Blower #1 | <u>/</u> | <u>/</u> |
| Blower #2 | <u>2100</u> | <u>6:22:15</u> |
| Blower #3 | <u>/</u> | <u>/</u> |

Air Compressor Hours: 8896.7
Google SCFM: am: 40 pm: /

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|---------------|---------------|---------------|
| CH4 % | <u>44.7</u> | <u>43.2</u> | <u>39.8</u> |
| CO2 % | <u>33.5</u> | <u>31.7</u> | <u>27.8</u> |
| O2 % | <u>1.7</u> | <u>1.2</u> | <u>5.3</u> |
| Vacuum | <u>-41.0"</u> | <u>-40.0"</u> | <u>-40.8"</u> |
| SCFM | <u>212</u> | <u>154</u> | <u>116</u> |
| Temperature | <u>64</u> | <u>65</u> | <u>63</u> |

Time of Shutdown: 5:45am
Time of Start-Up: 6:14pm
Duration of Shutdown/Malfunction: 29min

- Reason for Shutdown/Malfunction:
- Air-Compressor System
 - Blower
 - High Gas Flow
 - High Temperature
 - LEL
 - Low Gas Flow
 - Low Temperature
 - UV Scanner System
 - Power Failure
 - Scheduled Preventive Maintenance

Switch From Pumps #2 to Pumps #3

Signature [Signature] Date 4/28/22

PM MONITORING

Name _____
Arrival Time _____ Departure Time _____
GEM# _____ Manometer _____ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| | | |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1 | | | |
| Flare #2 | | | |
| Flare #3 | | | |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum | | | |
| SCFM | | | |

Back Up Generator Running _____ yes / no

Control Room Bypass _____ yes / no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no

Comments and/or Description of Malfunction and Affected Equipment: _____

Emission Exceedence: _____ yes* / no

SSM Plan Procedures Followed: _____ yes / no*

If SSM Plan Procedure **not** followed, explain procedure used: _____

* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? _____ yes / no

SSM PLAN REPORT FORM /
 FLARE STATION DAILY CHECKLIST
 City of Mountain View Flare Station

Date May 2nd, 2022
 s m t w th f s

AM MONITORING

Name Jason R. Bean
 Arrival Time 5:56am Departure Time 6:49am
 GEM# ENVISION #4 Manometer yes no

PM MONITORING

Name _____
 Arrival Time _____ Departure Time _____
 GEM# _____ Manometer _____ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 42.9 | 31.4 | 2.4 |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| | | |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|-------|------|
| Flare #1 | 1624 | 1.71" | 93 |
| Flare #2 | / | / | / |
| Flare #3 | 1620 | 1.04" | 291 |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1 | | | |
| Flare #2 | | | |
| Flare #3 | | | |

| Blower Oper. | RPM | Hours |
|--------------|------|---------|
| Blower #1 | / | / |
| Blower #2 | 2100 | 62718.1 |
| Blower #3 | / | / |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum | | | |
| SCFM | | | |

Air Compressor Hours: 8927.9
 Google SCFM: am: 44 pm: _____

Back Up Generator Running yes no
 Control Room Bypass yes no

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 % | 44.6 | 43.5 | 39.5 |
| CO2 % | 33.8 | 31.7 | 27.6 |
| O2 % | 1.7 | 1.0 | 5.4 |
| Vacuum | -41.7" | -40.9" | -41.6" |
| SCFM | 202 | 154 | 133 |
| Temperature | 64 | 65 | 63 |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes no

Time of Shutdown: 9:09am
 Time of Start-Up: 9:18am
 Duration of ~~Shutdown~~/Malfunction: 9min

- Reason for ~~Shutdown~~/Malfunction:
- Air-Compressor System
 - Blower
 - High Gas Flow
 - High Temperature
 - LEL
 - Low Gas Flow
 - Low Temperature
 - UV Scanner System
 - Power Failure
 - Scheduled Preventive Maintenance

Comments and/or Description of Malfunction and Affected Equipment:

Switch Flares.

Emission Exceedence: yes* no*
 SSM Plan Procedures Followed: yes no*
 If SSM Plan Procedure **not** followed, explain procedure used:

* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Signature Jason R. Bean Date 5/2/22

Are any comments, descriptions, other information, etc. continued on the back side? yes no

**SSM PLAN REPORT FORM /
FLARE STATION DAILY CHECKLIST**
City of Mountain View Flare Station

Date May 16th, 2022
s m t w th f s

AM MONITORING

Name Jason R. Beam
Arrival Time 7:04 AM Departure Time 7:25 PM
GEM# ENVISION #4 Manometer yes no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------------|-------------|------------|
| <u>42.3</u> | <u>30.6</u> | <u>2.4</u> |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------------|--------------|------------|
| Flare #1 | <u>1617</u> | <u>1.95"</u> | <u>98</u> |
| Flare #2 | / | / | / |
| Flare #3 | <u>1635</u> | <u>1.19"</u> | <u>312</u> |

| Blower Oper. | RPM | Hours |
|--------------|-------------|----------------|
| Blower #1 | / | / |
| Blower #2 | <u>2100</u> | <u>63054.8</u> |
| Blower #3 | / | / |

Air Compressor Hours: 9034.5
Google SCFM: am: 43 pm:

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|---------------|---------------|---------------|
| CH4 % | <u>42.2</u> | <u>43.6</u> | <u>40.8</u> |
| CO2 % | <u>31.1</u> | <u>31.6</u> | <u>28.3</u> |
| O2 % | <u>2.4</u> | <u>0.8</u> | <u>4.7</u> |
| Vacuum | <u>-40.8"</u> | <u>-40.0"</u> | <u>-40.6"</u> |
| SCFM | <u>226</u> | <u>148</u> | <u>133</u> |
| Temperature | <u>67</u> | <u>68</u> | <u>66</u> |

Time of Shutdown: 7:45 AM
Time of Start-Up: 8:00 AM
Duration of Shutdown Malfunction: 15 min

Reason for Shutdown Malfunction:
 Air-Compressor System Blower High Gas Flow
 High Temperature LEL Low Gas Flow
 Low Temperature UV Scanner System
 Power Failure Scheduled Preventive Maintenance

Blower change from #2 to #3 Dalbar to service #2

Jason R. Be 5/16/22
Signature Date

PM MONITORING

Name _____
Arrival Time _____ Departure Time _____
GEM# _____ Manometer _____ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| | | |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1 | | | |
| Flare #2 | | | |
| Flare #3 | | | |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum | | | |
| SCFM | | | |

Back Up Generator Running _____ yes / no

Control Room Bypass _____ yes / no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no

Comments and/or Description of Malfunction and Affected Equipment: _____

Emission Exceedence: _____ yes* / no

SSM Plan Procedures Followed: _____ yes / no*

If SSM Plan Procedure **not** followed, explain procedure used: _____

* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? _____ yes / no

**SSM PLAN REPORT FORM /
FLARE STATION DAILY CHECKLIST**
City of Mountain View Flare Station

Date May 28th, 2022
s m t w t h f s

AM MONITORING

Name Jason R. Bean
Arrival Time 8:08 pm Departure Time 8:45 pm
GEM# ENUSON #4 Manometer yes no

PM MONITORING

Name _____
Arrival Time _____ Departure Time _____
GEM# _____ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 45.3 | 31.9 | 1.9 |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| | | |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|-------|------|
| Flare #1 | 1613 | 19.8" | 95 |
| Flare #2 | / | / | / |
| Flare #3 | 1604 | 1.23" | 309 |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1 | | | |
| Flare #2 | | | |
| Flare #3 | | | |

| Blower Oper. | RPM | Hours |
|--------------|------|---------|
| Blower #1 | / | / |
| Blower #2 | / | / |
| Blower #3 | 2100 | 28945.7 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum | | | |
| SCFM | | | |

Air Compressor Hours: 9127.9
Google SCFM: am: 37 pm: _____

Back Up Generator Running yes / no
Control Room Bypass yes / no

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 % | 45.2 | 44.0 | 44.7 |
| CO2 % | 33.5 | 32.0 | 30.2 |
| O2 % | 1.1 | 1.0 | 3.6 |
| Vacuum | -41.0" | -40.2" | -40.7" |
| SCFM | 170 | 149 | 138 |
| Temperature | 70 | 71 | 70 |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no

Comments and/or Description of Malfunction and Affected Equipment: _____

Time of Shutdown: 6:30pm
Time of Start-Up: 8:30pm
Duration of ~~Shutdown~~ Malfunction: 2 hrs
Reason for ~~Shutdown~~ Malfunction: _____

- Air-Compressor System Blower High Gas Flow
- High Temperature LEL Low Gas Flow
- Low Temperature UV Scanner System
- Power Failure Scheduled Preventive Maintenance

Emission Exceedence: yes* / no
SSM Plan Procedures Followed: yes / no*

If SSM Plan Procedure not followed, explain procedure used: _____

Sump out @ Flare Station

* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Signature Jason R. Bean Date 5/28/22

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

**SSM PLAN REPORT FORM /
FLARE STATION DAILY CHECKLIST**
City of Mountain View Flare Station

Date June 7th, 2022
s m t w th f s

AM MONITORING

Name Jason R. Bean
Arrival Time 6:28am Departure Time 6:39am
GEM# EMULSION #4 Manometer yes no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------------|-------------|------------|
| <u>44.0</u> | <u>31.4</u> | <u>2.2</u> |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-----------------------|-----------------------|-----------------------|
| Flare #1 | | | |
| Flare #2 | | | |
| Flare #3 | <u>1634</u> | <u>1.95"</u> | <u>388</u> |

| Blower Oper. | RPM | Hours |
|--------------|-----------------------|-----------------------|
| Blower #1 | | |
| Blower #2 | | |
| Blower #3 | <u>2100</u> | <u>291720</u> |

Air Compressor Hours: 9202.9
Google SCFM: am: 41 pm:

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|---------------|---------------|---------------|
| CH4 % | <u>46.4</u> | <u>44.6</u> | <u>41.2</u> |
| CO2 % | <u>33.3</u> | <u>32.3</u> | <u>28.6</u> |
| O2 % | <u>1.3</u> | <u>0.8</u> | <u>4.3</u> |
| Vacuum | <u>-40.6"</u> | <u>-39.8"</u> | <u>-40.5"</u> |
| SCFM | <u>163</u> | <u>149</u> | <u>120</u> |
| Temperature | <u>70</u> | <u>72</u> | <u>68</u> |

| | #1 | #2 |
|--|---------------|-----------------|
| Time of Shutdown: | <u>4:58am</u> | <u>7:45am</u> |
| Time of Start-Up: | <u>5:07am</u> | <u>9:53am</u> |
| Duration of <u>Shutdown</u> Malfunction: | <u>9min</u> | <u>2hr 8min</u> |
| Reason for <u>Shutdown</u> Malfunction: | | |

- Air-Compressor System
- Blower
- High Gas Flow
- High Temperature
- LEL
- Low Gas Flow
- Low Temperature
- UV Scanner System
- Power Failure
- Scheduled Preventive Maintenance

#1 Bloom High flow
#2 Tekstar Replaced Yokogawa

Signature [Signature] Date 6/7/22

PM MONITORING

Name _____
Arrival Time _____ Departure Time _____
GEM# _____ Manometer _____ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| | | |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1 | | | |
| Flare #2 | | | |
| Flare #3 | | | |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum | | | |
| SCFM | | | |

Back Up Generator Running yes no

Control Room Bypass yes no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes no

Comments and/or Description of Malfunction and Affected Equipment: _____

Emission Exceedence: yes* no

SSM Plan Procedures Followed: yes no*

If SSM Plan Procedure not followed, explain procedure used: _____

* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes no

**SSM PLAN REPORT FORM /
FLARE STATION DAILY CHECKLIST**
City of Mountain View Flare Station

Date 6-13-22
s m t w th f s

AM MONITORING

Name LEON RUSAR 30
Arrival Time 6:26 Am Departure Time 6:41 Am
GFM# FWV # 4 Manometer yes no

PM MONITORING

Name _____
Arrival Time _____ Departure Time _____
GFM# _____ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 43.0 | 31.4 | 2.3 |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| | | |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|-------|------|
| Flare #1 | 1623 | 1.41" | 85 |
| Flare #2 | / | / | / |
| Flare #3 | 1625 | 0.82" | 257 |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1 | | | |
| Flare #2 | | | |
| Flare #3 | | | |

| Blower Oper. | RPM | Hours |
|--------------|------|---------|
| Blower #1 | / | / |
| Blower #2 | / | / |
| Blower #3 | 2100 | 29313.7 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum | | | |
| SCFM | | | |

Air Compressor Hours: 9251.5
Google SCFM: am: 42 pm: _____

Back Up Generator Running yes / no

Control Room Bypass yes / no

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|--------|-------|---------|
| CH4 % | 45.8 | 43.7 | 38.3 |
| CO2 % | 33.1 | 31.7 | 27.1 |
| O2 % | 1.5 | 0.8 | 9.9 |
| Vacuum | -41.6" | -40.7 | -41.4 |
| SCFM | 164 | 152 | 128 |
| Temperature | 72 | 73 | 69 |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed, isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no

Comments and/or Description of Malfunction and Affected Equipment: _____

Time of Shutdown: 7:05 Am
Time of Start-Up: 10:02 Am
Duration of Shutdown/Malfunction: 2hrs 57min

Reason for Shutdown/Malfunction:
 Air-Compressor System Blower High Gas Flow
 High Temperature LEL Low Gas Flow
 Low Temperature UV Scanner System
 Power Failure Scheduled Preventive Maintenance

Emission Exceedence: yes* / no

SSM Plan Procedures Followed: yes / no*

If SSM Plan Procedure not followed, explain procedure used: _____

* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Change Out Honeywell #1 (Telestar)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

Signature [Signature] Date 6/13/22

**SSM PLAN REPORT FORM /
FLARE STATION DAILY CHECKLIST**
City of Mountain View Flare Station

Date 6/23/22
s m t w (th) f s

AM MONITORING

Name LEON ROSASCO

Arrival Time 5 AM Departure Time 7:20 AM

GEM# ENV #4 Manometer yes no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------------|-------------|------------|
| <u>44.0</u> | <u>31.5</u> | <u>2.1</u> |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------------|--------------|------------|
| Flare #1 | <u>1625</u> | <u>3.13"</u> | <u>122</u> |
| Flare #2 | <u>1613</u> | <u>2.36"</u> | <u>243</u> |
| Flare #3 | <u>/</u> | <u>/</u> | <u>/</u> |

| Blower Oper. | RPM | Hours |
|--------------|-------------|----------------|
| Blower #1 | <u>/</u> | <u>/</u> |
| Blower #2 | <u>/</u> | <u>/</u> |
| Blower #3 | <u>2100</u> | <u>29551.5</u> |

Air Compressor Hours: 9338.0

Google SCFM: am: 49 pm: _____

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|---------------|---------------|---------------|
| CH4 % | <u>45.9</u> | <u>44.9</u> | <u>44.5</u> |
| CO2 % | <u>39.5</u> | <u>32.2</u> | <u>28.6</u> |
| O2 % | <u>1.5</u> | <u>0.6</u> | <u>4.6</u> |
| Vacuum | <u>-39.9"</u> | <u>-39.0"</u> | <u>-39.6"</u> |
| SCFM | <u>158</u> | <u>145</u> | <u>130</u> |
| Temperature | <u>74</u> | <u>74</u> | <u>72</u> |

Time of Shutdown: 5:17 AM
Time of Start-Up: 5:42 AM
Duration of Shutdown/Malfunction: 25 min

Reason for Shutdown/Malfunction: Low header flow

Air-Compressor System Blower High Gas Flow
 High Temperature LEL Low Gas Flow
 Low Temperature UV Scanner System
 Power Failure Scheduled Preventive Maintenance

Pump in Sump behind flare was blowing off.

Signature [Signature] Date 6/23/22

PM MONITORING

Name _____

Arrival Time _____ Departure Time _____

GEM# _____ Manometer _____ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| | | |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1 | | | |
| Flare #2 | | | |
| Flare #3 | | | |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum | | | |
| SCFM | | | |

Back Up Generator Running _____ yes / no

Control Room Bypass _____ yes / no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no

Comments and/or Description of Malfunction and Affected Equipment: _____

Emission Exceedence: _____ yes* / no

SSM Plan Procedures Followed: _____ yes / no*

If SSM Plan Procedure not followed, explain procedure used: _____

* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? _____ yes / no

**CITY OF MOUNTAIN VIEW
 SHORELINE LANDFILL, FACILITY ID A2740
 LANDFILL GAS COLLECTION SYSTEM SHUTDOWN SUMMARY
 January 1 - June 30, 2022**

| Well ID | Reasons for Shutdown * | Date: Time | | Shutdown Duration Hours: Minutes |
|---------|--|-----------------|------------------|-------------------------------------|
| | | Shutdown | Start-up | |
| NEB-14 | Separation at well | 6/2/22 8:00 AM | 6/2/22 9:30 AM | 1:30 |
| NED-01 | Belly in lateral due to subsidence | 6/3/22 7:30 AM | 6/3/22 8:45 AM | 1:15 |
| WD-02 | Separation at lateral | 4/25/22 7:00 AM | 4/25/22 10:00 AM | 3:00 |
| WD-03 | Separation at well | 5/3/22 7:00 AM | 5/3/22 10:00 AM | 3:00 |
| WD-04 | Install new valve assembly and lateral | 5/12/22 9:00 AM | 5/12/22 10:30 AM | 1:30 |
| WVN-50H | Replace broken header valve | 5/11/22 7:30 AM | 5/11/22 10:00 AM | 2:30 |

* SSM plan report forms are attached for shutdown and startup events.

SSM PLAN FORM / LANDFILL GAS REPAIR CITY OF MOUNTAIN VIEW

RESPONSE TO LANDFILL GAS COLLECTION AND EMISSIONS CONTROL SYSTEM LEAK?

NO **YES**

If Yes, Concentration Above Background (ppmv) _____

(If form completed in response to landfill gas collection and emissions control system leak, repair must be completed within 7 calendar days)

DATE: Identified 5/26/22 **TIME:** 7:00 am / pm
 Shutdown/Malfunction 6/2/22 8:00 am / pm
 Startup 6/2/22 9:30 am / pm
 Shutdown/Malfunction NA NA am / pm

LOCATION: Well # NEB-14 **SITE:** _____ Back Nine
 Grid # P-65 _____ Vista
 Sump # NA _____ Northshore
 _____ Crittenden
 Cell 6A NE
 _____ Front Nine
 _____ Control Device

AFFECTED EQUIPMENT
HEADER

_____ Gas Line
 _____ Air Line
 _____ Condensate Line
 _____ Valve Assembly

LATERAL

Gas Line
 Air Line
 Condensate Line
 Valve Assembly

Casing
 Pump

SUMP/DRAIN
 _____ Pump

DESCRIPTION/ PROCEDURE FOR THE REPAIR: Excavate old valve assembly test port and lateral. Install new tee at well, valve assembly, test port and lateral. Back fill, compact and set boxes.

Cause/Reason for Shutdown Malfunction: _____
Separation at the well

SSM Plan Procedures Followed: yes no
 Explain procedure used, if SSM Plan Procedure not followed:

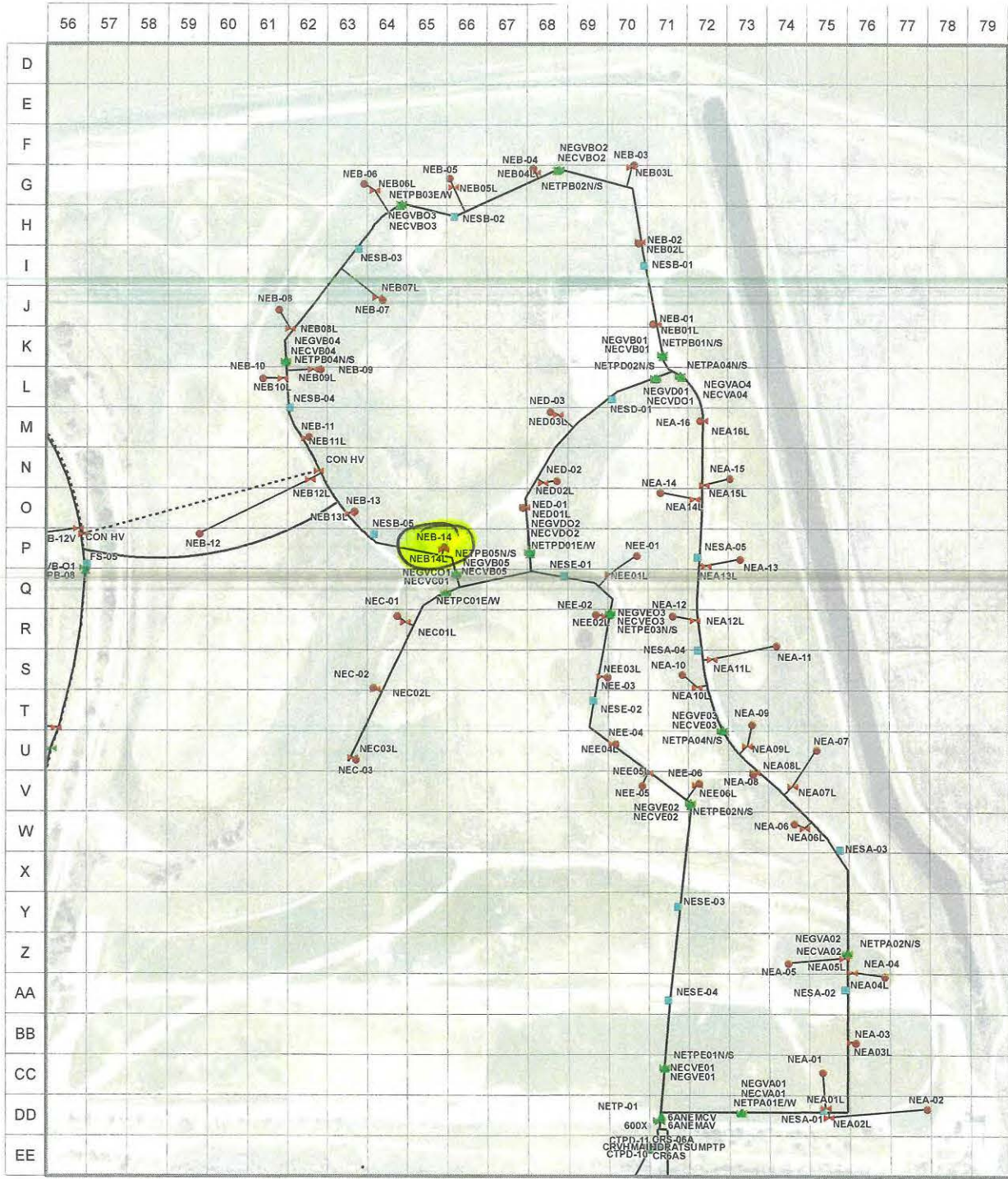
Jason R. Bean
 Signature 6/8/22
 Date

If Emission Exceedence and SSM Procedures are not followed it must be reported to EPA/BAAQMD within 48 hours per SSM plan
(Report to EEC immediately and complete departure report)

JUN 29 2022
**ENGR. & ENVIRONMENTAL
 COMPLIANCE DIVISION**

6A NORTHEAST - COMPLETE SYSTEM MAP

04/30/2018



- CONDENSATE PUMP STATION
- ▽ HC TRANSITION
- LFGWELL
- ⊕ PROBES_REGULATORY
- VENTTRENCHBOXES
- - - AIR_CONDEN_LINES
- LFGLATERALS
- ◆ CONNECTION POINT
- ⚡ HEADERVEALVE
- + PIEZOMETER
- ⊙ PROBES_INSIDE
- VENTTRENCHSUMP
- PROPERTY_BOUND
-] END CAP
- ⚡ LFGLATERALVALVE
- ▲ SUMP
- PROBES_OUTSIDE
- VENTTRENCHBOXES
- HEADER
- HEADER_10_01_SHP
- VENTTRENCHBOXES
- HORIZONTAL HEADER

Map Scale: 1" = 375'

0 90 180 375 Feet

SURFACE SWEEP
 CAP INSPECTION
 100' GRID
 YES NO LEAKS DETECTED OR FOUND

— MPH WIND SPEED
 — PPM GAS READING
 — % CH4 GAS READING

⊕=LOW AREA ⊙=CRACK
 ⊙=ODOR ⊕=STANDING WATER

| | | | | | |
|--------------------|--|--------------------|--|--------------|--|
| Inspection Date : | | Start Time : | | Finish Time: | |
| Weather | | | | | |
| Instrument(s) Used | | | | | |
| Inspector(s) | | | | | |
| Comments | | Location of NEB-14 | | | |

**SSM PLAN FORM / LANDFILL GAS REPAIR
CITY OF MOUNTAIN VIEW**

RESPONSE TO LANDFILL GAS COLLECTION AND EMISSIONS CONTROL SYSTEM LEAK?

NO **YES**

If Yes, Concentration Above Background (ppmv) _____

(If form completed in response to landfill gas collection and emissions control system leak, repair must be completed within 7 calendar days)

DATE: Identified 5/26/22 **TIME:** 7:00 am / pm
 Shutdown/Malfunction 6/3/22 7:30 am / pm
 Startup 6/3/22 8:45 am / pm
 Shutdown/Malfunction NA NA am / pm

LOCATION: Well # NED-01 **SITE:** _____ Back Nine
 Grid # 0-68 _____ Vista
 Sump # NA _____ Northshore
 _____ Crittenden
 Cell 6A NE
 _____ Front Nine
 _____ Control Device

AFFECTED EQUIPMENT
HEADER

_____ Gas Line
 _____ Air Line
 _____ Condensate Line
 _____ Valve Assembly

LATERAL

Gas Line
 Air Line
 Condensate Line
 Valve Assembly

Casing
 Pump
SUMP/DRAIN
 _____ Pump

DESCRIPTION/ PROCEDURE FOR THE REPAIR: Excavate old valve assembly, testport and lateral. Install new tee at well, valve assembly, testport and lateral. Backfill, compact and set boxes.

Cause/Reason for Shutdown Malfunction: _____

Belly in lateral due to subsidence.

SSM Plan Procedures Followed: yes no

Explain procedure used, if SSM Plan Procedure not followed: _____

If Emission Exceedence and SSM Procedures are not followed it must be reported to EPA/BAAQMD within 48 hours per SSM plan
(Report to EEC immediately and complete departure report)

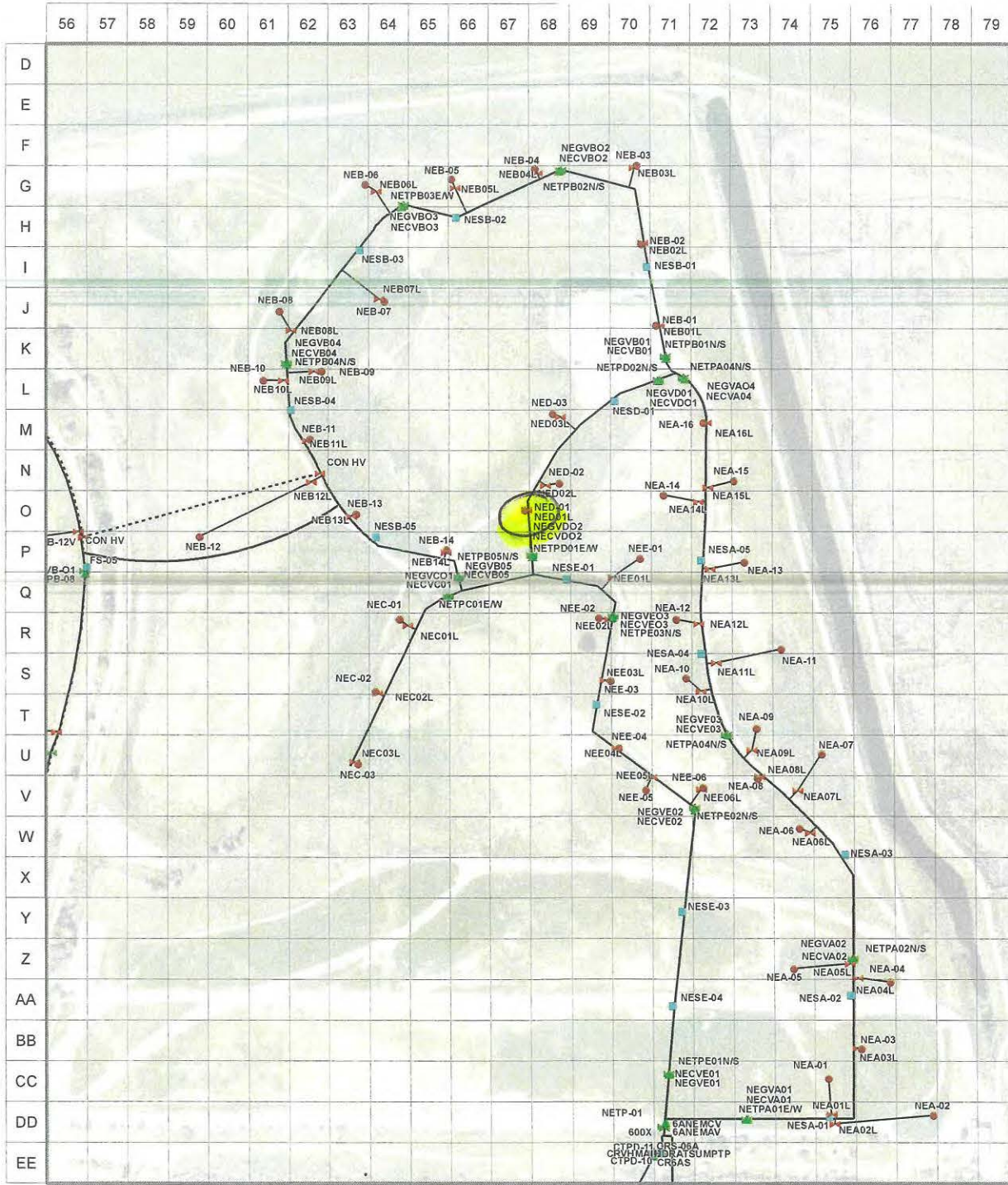

Signature

6/8/22
Date

JUN 29 2022
**ENGR. & ENVIRONMENTAL
 COMPLIANCE DIVISION**

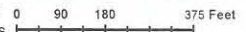
6A NORTHEAST - COMPLETE SYSTEM MAP

04/30/2018



- CONDENSATE PUMP STATION
- HC TRANSITION
- LFGWELL
- PROBES_REGULATORY
- VENTTRENCHBOXES
- AIR_CONDEN_LINES
- LFG Laterals
- CONNECTION POINT
- HEADERVALVE
- PIEZOMETER
- SUMP
- VENTTRENCHSUMP
- PROPERTY_BOUND
- END CAP
- LFG LATERAL VALVE
- PROBES_INSIDE
- TESTPORT
- HEADER
- HEADER_10_01_SHP
- VENTTRENCHBOXES
- LFG LATERAL VALVE
- PROBES_OUTSIDE
- VALVE
- HORIZONTAL HEADER

Map Scale: 1" = 375'



SURFACE SWEEP
 CAP INSPECTION
 100' GRID
 YES NO LEAKS DETECTED OR FOUND

_____ MPH WIND SPEED
 _____ PPM GAS READING
 _____ % CH4 GAS READING

- L = LOW AREA C = CRACK
- O = ODOR W = STANDING WATER

| | | | | | |
|--------------------|--|--------------|--|--------------|--|
| Inspection Date : | | Start Time : | | Finish Time: | |
| Weather | | | | | |
| Instrument(s) Used | | | | | |
| Inspector(s) | | | | | |
| Comments | | | | | |
| | | | | | |

SSM PLAN FORM / LANDFILL GAS REPAIR CITY OF MOUNTAIN VIEW

RESPONSE TO LANDFILL GAS COLLECTION AND EMISSIONS CONTROL SYSTEM LEAK?

NO **YES**

If Yes, Concentration Above Background (ppmv) _____

(If form completed in response to landfill gas collection and emissions control system leak, repair must be completed within 7 calendar days)

DATE: Identified 4/22/22 **TIME:** _____ am / pm
 Shutdown/Malfunction 4/25/22 7:00 am / pm
 Startup 4/25/22 10:00 am / pm
 Shutdown/Malfunction NA _____ am / pm

LOCATION: Well # WD-02 **SITE:** Back Nine
 Grid # LL-22 _____ Vista
 Sump # NA _____ Northshore
 _____ Crittenden
 _____ Cell 6A NE
 _____ Front Nine
 _____ Control Device

AFFECTED EQUIPMENT HEADER

Gas Line
 _____ Air Line
 _____ Condensate Line
 Valve Assembly

LATERAL

Gas Line
 _____ Air Line
 _____ Condensate Line
 Valve Assembly

_____ Casing
 _____ Pump
SUMP/DRAIN
 _____ Pump

APR 29 2022
 ENGR. & ENVIRONMENTAL
 COMPLIANCE DIVISION

DESCRIPTION/ PROCEDURE FOR THE REPAIR: Excavate valve assembly to header. Install new valve assembly, test port and saddle to header. Backfill and set boxes to grade.

Cause/Reason for Shutdown/Malfunction: Separation at lateral tie in to header

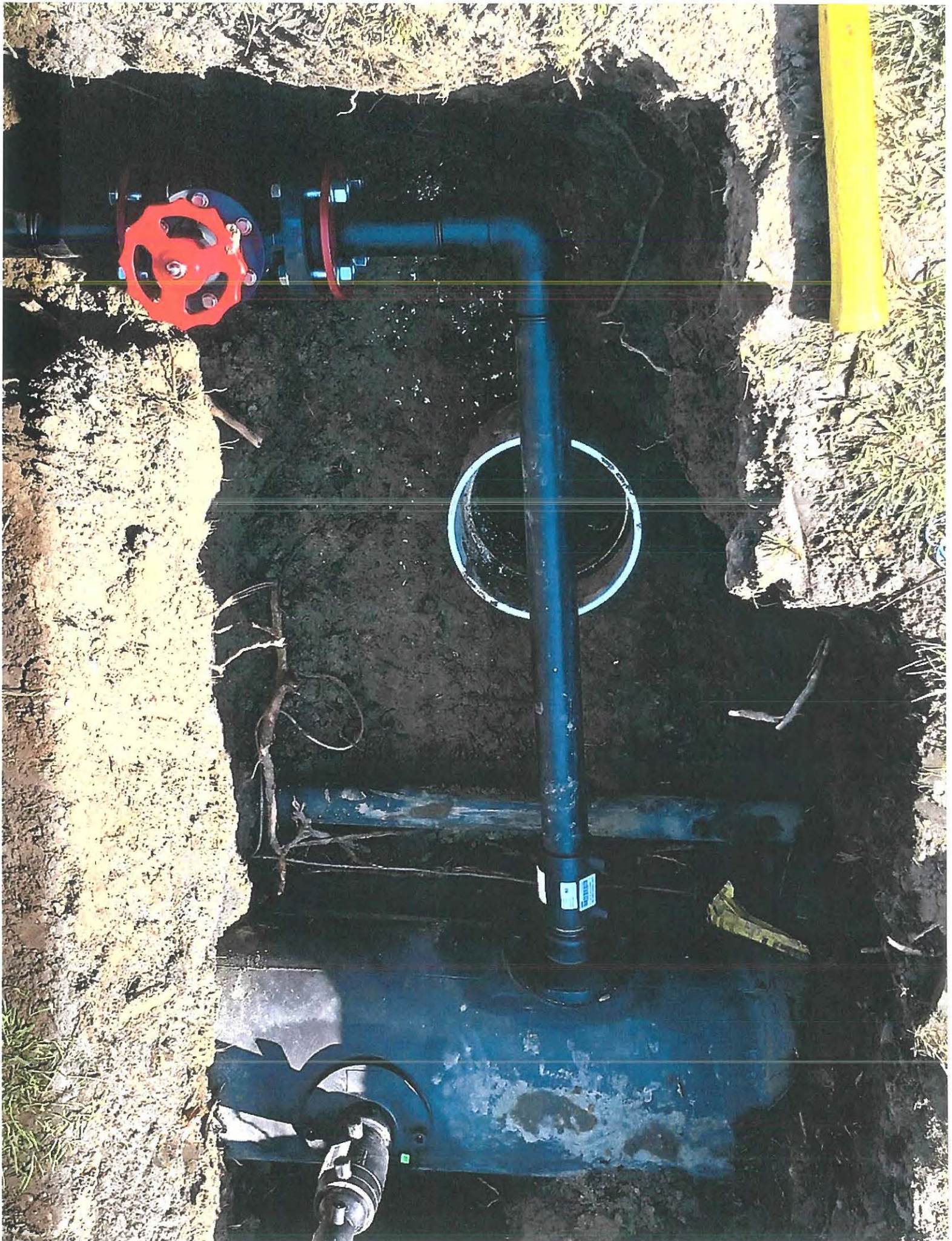
SSM Plan Procedures Followed: yes no
 Explain procedure used, if SSM Plan Procedure not followed:

James R. Bean
 Signature

4/27/22
 Date

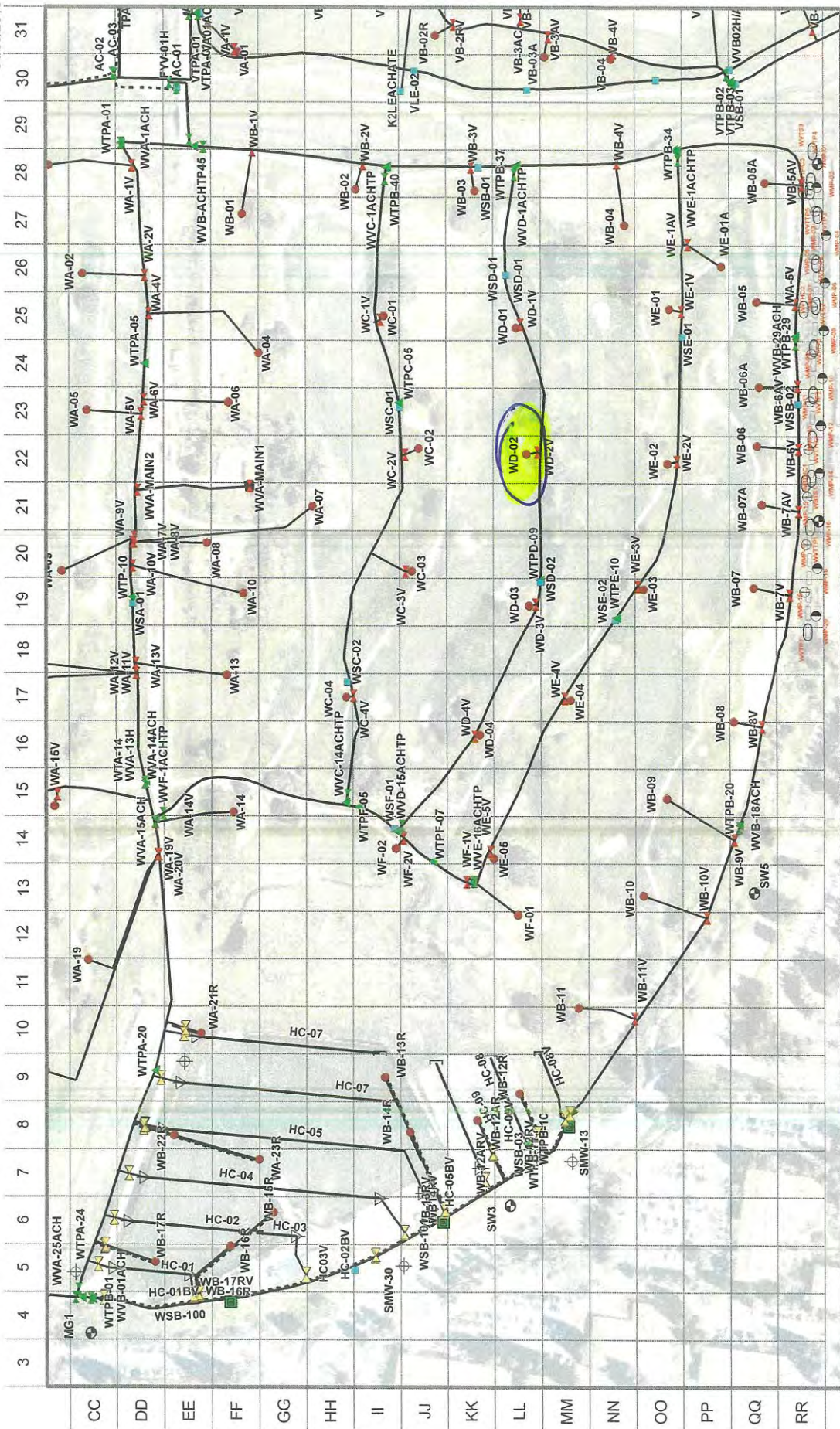
If Emission Exceedence and SSM Procedures are not followed it must be reported to EPA/BAAQMD within 48 hours per SSM plan
(Report to EEC immediately and complete departure report)





BACK NINE (FIVE) - COMPLETE SYSTEM MAP

04/30/2018



Map Scale: 1" = 300'

0 75 150 300 Feet

- CONDENSATE PUMP STATION
- CONNECTION POINT
- END CAP
- HC TRANSITION
- HEADWALL
- LFGLATERAL VALVE
- LFGWELL
- PIEZOMETER
- PROBES INSIDE
- PROBES OUTSIDE
- PROBES_REGULATORY
- SUMP
- TEST FORT
- VALVE
- VENTTRENCH/SUMP
- VENTTRENCH/BOXES
- VENTTRENCH/HEADER
- VENTTRENCH/LINE
- VENTTRENCH/BOUND
- VENTTRENCH/BOXES

SURFACE SWEEP
 CAP INSPECTION
 100' GRID
 YES NO LEAKS DETECTED OR FOUND

Inspection Date: _____ Finish Time: _____
 Weather: _____
 Instrument(s) Used: *Socaton*
 Inspector(s): _____
 Comments: _____

MPH WIND SPEED
 PPM GAS READING
 % CH4 GAS READING
 LOW AREA
 CRACK
 STANDING WATER



SSM PLAN FORM / LANDFILL GAS REPAIR CITY OF MOUNTAIN VIEW

RESPONSE TO LANDFILL GAS COLLECTION AND EMISSIONS CONTROL SYSTEM LEAK?

NO YES

If Yes, Concentration Above Background (ppmv) _____

(If form completed in response to landfill gas collection and emissions control system leak, repair must be completed within 7 calendar days)

DATE: Identified 4/25/22 **TIME:** 7:00 am pm
~~Shutdown~~/Malfunction 5/12/22 9:00 am pm
 Startup 5/12/22 10:30 am pm
 Shutdown/Malfunction NA NA am / pm

LOCATION: Well # WD-04 **SITE:** Back Nine
 Grid # KK-16 Vista
 Sump # NA Northshore
 Crittenden
 Cell 6A NE
 Front Nine
 Control Device

AFFECTED EQUIPMENT
HEADER

Gas Line
 Air Line
 Condensate Line
 Valve Assembly

LATERAL

Gas Line
 Air Line
 Condensate Line
 Valve Assembly

Casing
 Pump
SUMP/DRAIN
 Pump

DESCRIPTION/ PROCEDURE FOR THE REPAIR: Excavate and remove old valve assembly
Testport and lateral from well to header. Install new valve assembly,
and lateral. Backfill, compact and set boxes to grade.

Cause/Reason for ~~Shutdown~~/Malfunction: _____

Install new valve assembly, T.P.
and lateral.

SSM Plan Procedures Followed: yes no

Explain procedure used, if SSM Plan Procedure not followed: _____

If Emission Exceedence and SSM Procedures are not followed it must be reported to EPA/BAAQMD within 48 hours per SSM plan
(Report to EEC immediately and complete departure report)


Signature

5/12/22
Date

MAY 12 2022
ENGR. & ENVIRONMENTAL
COMPLIANCE DIVISION

**SSM PLAN FORM / LANDFILL GAS REPAIR
CITY OF MOUNTAIN VIEW**

RESPONSE TO LANDFILL GAS COLLECTION AND EMISSIONS CONTROL SYSTEM LEAK?

NO **YES**

If Yes, Concentration Above Background (ppmv) _____

(If form completed in response to landfill gas collection and emissions control system leak, repair must be completed within 7 calendar days)

DATE: Identified 5/2/22 **TIME:** 6:00 am / pm
 Shutdown/Malfunction 5/11/22 7:30 am / pm
 Startup 5/11/22 10:00 am / pm
 Shutdown/Malfunction NA NA am / pm

LOCATION: Well # UVN-5014 **SITE:** _____ Back Nine
 Grid # F-4 _____ Vista
 Sump # NA Northshore
 _____ Crittenden
 _____ Cell 6A NE
 _____ Front Nine
 _____ Control Device

AFFECTED EQUIPMENT
HEADER

Gas Line
 _____ Air Line
 _____ Condensate Line
 _____ Valve Assembly

LATERAL


_____ Gas Line
 _____ Air Line
 _____ Condensate Line
 _____ Valve Assembly

_____ Casing
 _____ Pump
SUMP/DRAIN
 _____ Pump

DESCRIPTION/ PROCEDURE FOR THE REPAIR: Excavate old valve assembly
replace with new valve. Backfill, compact and set boxes to
grade. Ames to hydro excavate.

Cause/Reason for Shutdown/Malfunction: _____
Replace broken header valve
with new HDPE valve

SSM Plan Procedures Followed: yes no
 Explain procedure used, if SSM Plan Procedure not followed:



 Signature

5/11/22

 Date

If Emission Exceedence and SSM Procedures are not followed it must be reported to EPA/BAAQMD within 48 hours per SSM plan
(Report to EEC immediately and complete departure report)

MAY 12 2022
**ENGR. & ENVIRONMENTAL
 COMPLIANCE DIVISION**

BAAQMD RULE 8-34 REPORT

2022 – FIRST INCREMENT

CITY OF MOUNTAIN VIEW
SHORELINE LANDFILL
MOUNTAIN VIEW, CALIFORNIA
(FACILITY NO. A2740)

SECTION I

SOURCE PERFORMANCE TEST REPORT

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

375 Beale Street, Suite 600
San Francisco, California 94105
(415) 771-6000

Contractor Source Test Supplemental Form

Site name: City of Mountain View, Shoreline Landfill (Facility No. A2740)
NST number: NST-7134(A6) 7135(A7) 7136(A8) 7137(S16) 7138(S17)
Testing company: Best Environmental

Test purpose:

- Routine compliance testing
 - Compliance test required after previous source test failure
 - Start-up test
 - Other, ex: trial testing for permit changes, engineering studies
Please explain _____
 - Revised report with corrections noted
Revision number _____
-

Preliminary test results:

- In compliance
- Not in compliance
- N/A
Please explain _____

Source Test Report

CITY OF MOUNTAIN VIEW @ SHORELINE LANDFILL

Mountain View, CA

[Plant #2740]

NST 7134 through 7138

**Three Landfill Gas Fired Flares
NO_x, CO, CH₄ & NMOC Emission Results
[Condition #16065, A-6, A-7, & A-8]**

**Two Landfill Gas Fired Micro-turbines
CH₄ & NMOC Emission Results
[Condition #24989, S-16 & S-17]**

Test Dates: February 1 & 2, 2022

Report Date: March 4, 2022

Performed and Reported by:

BEST ENVIRONMENTAL

339 Stealth Court

Livermore, CA 94551

Phone: (925) 455-9474

Fax: (925) 455-9479

Email: bestair@best-enviro.com

Prepared For:

City of Mountain View

Public Works Department-Public Services Division

231 North Whisman Road

Mountain View, CA 94043

Attn: Ankit Sharma

For Submittal To:

Bay Area Air Quality Management District

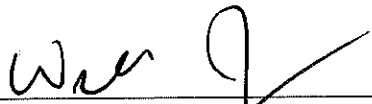
375 Beale Street, Suite 600

San Francisco, CA 94105

REVIEW AND CERTIFICATION

Team Leader:

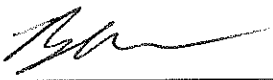
The work performed herein was conducted under my supervision, and I certify that the details and results contained within this report are to the best of my knowledge an authentic and accurate representation of the test program. If this report is submitted for compliance purposes it should only be reproduced in its entirety. If there are any questions concerning this report, please call the Team Leader or Reviewer at (925) 455-9474.



William Johnston
Project Manager

Reviewer:

I have reviewed this report for presentation and accuracy of content, and hereby certify that to the best of my knowledge the information is complete and correct.



Basim (Bobby) Asfour
Principal

Source Test Information

Facility Name: City of Mountain View
Public Works Department-Public Services Division
231 North Whisman Road
Mountain View, CA 94043
Attn: Ankit Sharma

Source Location: Shoreline Landfill
2600 Shoreline Boulevard
Mountain View, CA 94043

Sources: Three Flares (A-6, 7 & 8) & Two Microturbines (S-16 & 17)

Purpose of Test: Compliance with 16065 (Flares) and 24989 (Microturbines)

Test Parameters & Limits:

Flares-Condition 16065

Microturbines-Condition 24989

| | | | |
|-------------------|--|-------------------|---|
| NOx: | 15 ppm @ 15% O ₂ , | NMOC: | 120 ppm @ 3% O ₂ as Methane or 98% DRE |
| CO: | 83 ppm @ 15% O ₂ , | CH ₄ : | ≥ 99% DRE |
| NMOC: | 30 ppm @ 3% O ₂ as Methane or 98% DRE | | |
| CH ₄ : | ≥ 99% DRE | | |
| SO ₂ : | LFG H ₂ S 150 ppmv | | |

Regulatory Agency: Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105-2066

Test Company: BEST ENVIRONMENTAL
339 Stealth Court
Livermore, CA 94551

Test Contact: Bobby Asfour

Test Dates: February 1 & 2, 2022

NST Number: 7134 Flare A6 (Flare 1)
7135 Flare A7, (Flare 2)
7136 Flare A8, (Flare 3)
7137 Microturbine S16
7138 Microturbine S17

Analytical Laboratory: BEST ENVIRONMENTAL
339 Stealth Court
Livermore, CA 94551

Atmospheric Analysis & Consultants
1534 Eastman Avenue, Ste. A
Ventura, CA 93003
Phone: (805) 650-1642

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SECTION 1. INTRODUCTION

1.1. Test Purpose

Best Environmental (BE) was contracted by the City of Mountain View, Public Works Department to perform emissions testing and reporting of three landfill gas fired flares and two micro-turbines to comply with Bay Area Air Quality Management District (BAAQMD) Regulation # 8-34-301.3, 8-34-412, 8-34-301.4, 8-34-509 and conditions # 16065 & 24989 of the Title V Permit. A copy of the Permit conditions is included in Appendix I.

1.2. Test Location

The testing was conducted on the three flares and two Micro-Turbines located at the City of Mountain View @ Shoreline Landfill, 2600 Shoreline Boulevard, Mountain View, CA 94043. (Facility #A2740).

1.3. Test Date(s)

Testing was conducted on February 1 & 2, 2022.

1.4. Test Methods and Parameters

The following emission parameters were measured:

Flare Test Program

| Parameter | Monitoring & Analytical Protocols |
|--|--|
| Outlet NO _x , CO & O ₂ | EPA Methods 7E, 10 & 3A |
| Outlet THC, CH ₄ , NMOC | EPA Method 25A |
| DSCFM | EPA Method 19 |
| Inlet CH ₄ , NMOC & THC | EPA Methods M25C & 18 |
| O ₂ , CO ₂ , N ₂ , CH ₄ , C1-C6+ & Btu/CF & F Factor (Higher Heat Values, HHV) | ASTM D-1945 & 3588 |
| LFG organics & TRS | EPA TO-15, 25C & ASTM D-6228 |

Microturbine Test Program

| Parameter | Monitoring & Analytical Protocols |
|---|--|
| CH ₄ , NMOC, THC & O ₂ | BAAQMD Methods ST-7 & 14 |
| Inlet CH ₄ , NMOC & THC | EPA Methods 18 |
| DSCFM | EPA Method 19 |
| Fuel Higher heating Values (HHV), Btu/CF & F Factor | ASTM D-1945 & 3588 |

1.5. Sampling and Observing Personnel

Sampling was performed by Bobby Asfour and William Johnston of BE. The BAAQMD was notified of the test date and a copy of the source test notification is enclosed in Appendix H.

SECTION 2. SUMMARY OF RESULTS

2.1. Emission Results

Tables 2.1 and 2.2 presents the average test results for the Flare and Microturbine. Triplicate samples were collected and analyzed for landfill gas characterization for each flare tested. A more extensive summary of the emissions is presented in Tables 1-5 on pages 11-15. The Landfill Gas Characterization analytical results can be found in Table 2.3 below. Only those detected compounds are reported. The complete lab results are in Appendix B.

Per the direction of BAAQMD, sample containers were selected to avoid surface reactions with the samples. LFG samples for TO-15 and EPA Method 25C were collected into stainless steel summa canisters per the method guidance. LFG samples were collected into tedlar bags for HHV, Method 18 and sulfur analysis. All outlet samples were collected into tedlar bags.

Table 2.1
Flare Emission Results

| Parameter | Flare #1 (A-6) | Flare #2 (A-7) | Flare #3 (A-8) | Limits |
|--|-------------------|-------------------|-------------------|------------|
| NOx, ppm @ 15% O ₂ | 10.48 | 9.08 | 11.08 | 15 |
| CO, ppm @ 15% O ₂ | <0.7 | <0.6 | <0.6 | 83 |
| NMOC, ppm @ 3% O ₂ as methane | <2.0 | <2.0 | <2.0 | 30 |
| CH ₄ , % DRE | 99.99 | 99.99 | 99.99 | 99 |
| SO ₂ (H ₂ S, ppm in LFG) | 8.80 | 9.61 | 9.61 | 150 |

Table 2.2
Microturbine Emission Results

| Parameter | Flare Microturbine (S-16) | SPS Microturbine (S-17) | Limits |
|--|------------------------------|----------------------------|------------|
| NMOC, ppm @ 3% O ₂ as methane | 1.92 | 39.93 | 120 |
| CH ₄ , % DRE | 99.97 | 99.83 | 99 |

Table 2.3
Landfill Gas Characterization
Detected Compounds

| Parameter | Flare 1 | Flare 2 | Flare 3 |
|---|----------------|----------------|----------------|
| Total non-methane hydrocarbons, ppm | 882 | 952 | 1,019 |
| Chlorodifluoromethane | 127 | 156 | 176 |
| Dichlorodifluoromethane, (Freon 12) ppb | 111 | 137 | 149+ |
| Vinyl Chloride, ppb | 211 | 239 | 279 |
| Ethanol, ppb | 177 | 212 | 217 |
| Acetone, ppb | 953 | 982 | 1050 |
| -Propanol, ppb (IPA) | 163 | 209 | 227 |
| 2-Butanone (Methyl Ethyl Ketone), ppb | 831 | 696 | 846 |
| Hexane, ppb | 229 | 195 | 235 |
| Benzene, ppb | 437 | 388 | 433 |
| Trichloroethene (TCE) | 50.2 | 48.1 | 55.8 |
| Toluene, ppb | 2,020 | 1,700 | 1,900 |
| Tetrachloroethene (PCE), ppb | 32.1 | 27.3 | 30.7 |
| Chlorobenzene, ppb | 266 | 247 | 282 |
| Ethyl Benzene, ppb | 2,810 | 2,620 | 2,810 |
| m & p Xylene, ppb | 4,340 | 3,760 | 4,040 |
| o Xylene, ppb | 1,310 | 1,270 | 1,410 |
| 1,4-Dichlorobenzene, ppb | 520 | 492 | 536 |
| 1,2-Dichlorobenzene, ppb | ND | ND | 65.4 |

Table 2.4
Landfill Gas Analysis-Summary of heat input and LFG

| Parameter | Flare #1 (A-6) | Flare #2 (A-7) | Flare #3 (A-8) | Flare Microturbine (S-16) | SPS Microturbine (S-17) |
|---------------------------------|-------------------|-------------------|-------------------|---------------------------------|-------------------------------|
| Heat Input, MMBtu/hr | 3.24 | 6.88 | 7.88 | 0.46 | 0.44 |
| Oxygen, % | 4.37 | 4.25 | 4.42 | 4.43 | 4.387 |
| Nitrogen, % | 32.85 | 32.13 | 32.47 | 35.10 | 34.58 |
| Carbon Dioxide, % | 26.37 | 26.77 | 26.56 | 26.10 | 26.22 |
| Methane, % | 33.07 | 33.74 | 33.17 | 32.90 | 31.81 |
| NMOC, ppmvd (EPA Method 25C) | 882 | 952 | 1,019 | 42.63 | 37.77 |
| HHV, BTU/ft ³ | 335 | 341 | 336 | 331 | 322 |
| HHV, F-factor DSCF/MMBtu @ 70°F | 10,249 | 10,242 | 10,278 | 10,234 | 10,215 |

2.2. Allowable Emissions

See Table 2.1 above. The test results show that all equipment are operating within the PTO gaseous (SO₂, NO_x, CO & NMOC) emission limits and are therefore in compliance. NMOC compliance was demonstrated using the alternate outlet NMOC concentration limit for all three flares. The complete landfill gas characterization can be found in Tables 2.3 & 2.4 above and in Appendix B. SO₂ compliance is demonstrated by using the alternate criterion based on the H₂S concentration in the LFG.

2.3. Process Data

Tables 2.5 through 2.6 present the average operating data for each flare and microturbine. Data were recorded and provided by the facility.

Table 2.5
Average Result
Flares

| Flare | Fuel Flow Meter, SCFM | Flare Temp., °F |
|-------|-----------------------|-----------------|
| A-6 | 161 | 1,623 |
| A-7 | 336 | 1,624 |
| A-8 | 391 | 1,626 |

Table 2.6
Average Results
Microturbines

| Parameter | Fuel Flow, SCFM | Load, kW |
|------------------|------------------------|-----------------|
| SPS, S-16 | 22.9 | 64.8 |
| Flare, S-17 | 23.2 | 64.8 |

2.4. Comments: Discussion of Quality Assurance and Errors

Quality assurance procedures listed in the above referenced test methods and referenced in the Source Test Plan were performed and documented. The QA/QC procedures are described in Section 4.4 of the report. Documentation of the QA/QC is provided in Appendix A, B & D.

NMOC is assumed equal to total non-methane non-ethane hydrocarbons. Triplicate inlet samples of landfill gas were analyzed for O₂, CO₂, N₂, CH₄, C1-C6+ & HHV for each test series. A single sample of the LFG was collected during each flare test for landfill gas characterization. NMOC of the LFG was sampled for the flares according to EPA M25C and the Microturbines by EPA Method 18.

SECTION 3. SOURCE OPERATION**3.1. Process Description**

The landfill gas fired flares are control devices for the treatment of landfill gas (composed primarily of methane, carbon dioxide and nitrogen) that is generated from the decomposition of waste. The gas is collected via three headers that lead to several landfill gas extraction wells that draw a vacuum on the vapors in the landfill. These headers combine into a common pipe that serves all three flares.

The landfill gas fired Micro-Turbines are optional control devices for the treatment of landfill gas (mainly methane, carbon dioxide and nitrogen) that is generated from the decomposition of waste. The gas is collected in a network of interconnected pipes from several vertical extraction wells that draw a vacuum on the vapors in the landfill. The vapors are treated to remove condensate, particulate material, siloxanes and heavy hydrocarbons, and then they are incinerated in the combustion chamber of the Micro-Turbines. The Micro-Turbines are rated at 65kW.

3.2. Stack Diagram

Digital photos/diagrams of the stacks are contained in Appendix F.

3.3. Normal Operating Parameters

The flares were operated normally during the test periods, one or two flares at a time. The Micro-turbines were operated normally during the test periods. Process data was provided by the facility and used for compliance demonstration and in Appendix E.

3.4. Testing or Process Interruptions and Changes

There were no testing interruptions during the test series.

SECTION 4. SAMPLING AND ANALYSIS PROCEDURES

4.1. Port Location

Flares (A-6, A-7 & A-8)

Emissions from the flares were sampled via a circular stack for Flares 1-3, with two ports located approximately 5 stack diameters downstream of the burners and 1 stack diameter upstream from the exit. Access to the sampling ports was provided by a 40-foot boom-lift.

The dimensional cross-sections of Flare #1 stack is 44" (Area SQFT = 10.559)

The dimensional cross-sections of Flare #2 stack is 68" (Area SQFT = 25.220)

The dimensional cross-sections of Flare #3 stack is 80" (Area SQFT = 34.907)

Inlet gases were collected from the main header to the flares via a 14-inch stainless Steel pipe. A single port/tap was located >8 diameters downstream and >2 diameters upstream from the nearest disturbance.

Microturbines (S-16 & S-17)

Emissions from the Micro-Turbines were sampled via a circular stack for both units with one port located 5 stack diameters downstream from the nearest disturbance and 2 stack diameters upstream from the exit. Access to the sampling ports was obtained by reaching the stack from ground level using a 12-foot probe.

The dimensional cross-sections of each circular stack is 8-inches (Area SQFT = 0.349)

The fuel line to the Micro-Turbines are a 1-inch SS pipe with an inside diameter of 1.049 inches (Area SQFT = 0.005). A single port/tap was located at a T-connection in the piping prior to entering the unit.

4.2. Method Description, Equipment, Sampling, Analysis and QA/QC

Sampling and analytical procedures of the methods were followed as published in the EPA "Quality Assurance Handbook for Air Pollution Measurement Systems" Volume III.

The following is an overview of the FLARE Testing Performed, each

| Parameter | Location | Method(s) | Duration | # of Runs |
|---|----------|--|----------|-----------|
| THC, CH ₄ & NMOC | Exhaust | EPA Method 25A | 30 mins | 3 |
| NO _x , CO & O ₂ | Exhaust | EPA Method 7E, 10 & 3A | 30 mins | 3 |
| Flow Rate | Exhaust | EPA 19 | 30 mins | 3 |
| NMOC, CH ₄ & THC | Inlet | EPA Methods 18 | ~30 mins | 3 |
| C1-C6, O ₂ , N ₂ , BTU-Fixed Gasses | Inlet | ASTM D-1945/3588 | ~30 mins | 3 |
| Flow Rate & Flare Temp. | Inlet | Flare Gas Metering System | 30 mins | 3 |
| O ₂ , CO ₂ , N ₂ , THC, CH ₄ , NMOC, LFG organics & TRS compounds | Inlet | ASTM D-1945 & D-6228 and EPA TO-15 & 25C | ~30 mins | 3 |

*The sample matrix above meets the requirements set forth by the BAAQMD protocol review.

The following is an overview of the MICRO-TURBINE Testing Performed, each

| Parameter | Location | Method(s) | Duration | # of Runs |
|--|----------|-------------------|----------|-----------|
| THC, CH ₄ , NMOC & O ₂ | Exhaust | BAAQMD ST-7 & 14 | 30 mins | 3 |
| Flow Rate | Exhaust | EPA 19 | 30 mins | 3 |
| NMOC, CH ₄ & THC | Inlet | EPA Method 18 | ~30 mins | 3 |
| HHV | Inlet | ASTM D-1945/3588 | ~30 mins | 3 |
| Flow Rate, Load & Op. Temp. | Inlet | Monitoring System | 30 mins | 3 |

*The sample matrix above meets the requirements set forth by the BAAQMD protocol review.

EPA Method 1. 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 7E, 10 & 3A are all continuous monitoring techniques using instrumental analyzers. Sampling is performed by extracting exhaust flue gas from the stack, conditioning the sample and analyzing the flue gas using continuous monitoring gas analyzers in a CEM test van. The sampling system consists of a stainless-steel sample probe, Teflon sample line, glass-fiber particulate filter, glass moisture-knockout condensers in ice, Teflon sample transfer tubing, 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 BE sampling and analytical system is checked for linearity with zero, mid and high level span calibration gases, and is checked for system bias at the beginning of the test day. System bias is determined by pulling calibration gas through the entire sampling system. Individual test run calibrations uses the calibration gas, which most closely matches the stack gas effluent. The calibration gases are selected to fall approximately within the following instrument ranges; 80 to 95 percent for the high calibration, 40 to 60 percent for the mid range and zero. Bias zero and calibration drift values are determined for each test run. All BE calibration gases are EPA Protocol 1. The analyzer data recording system consists of multi-channel strip chart recorders, which is supported by BE's Computer Data Acquisition System (DAS). The NO₂ converter was checked and confirmed to be > 90% efficient.

EPA Methods 7E, 10 & 3A met the following criteria:

System Criteria

| | |
|--------------------------------------|---|
| Instrument Linearity | ± 2% Calibration Span or 0.5 difference |
| Instrument Bias | ± 5% Calibration Span or 0.5 difference |
| Calibration Gas | ± 2% Value |
| NO ₂ converter efficiency | >90% |

Test Criteria

| | |
|-----------------------|---|
| Instrument Zero Drift | ± 3% Calibration Span or 0.5 difference |
|-----------------------|---|

Instrument Span Drift ± 3% Calibration Span or 0.5 difference

The following continuous monitoring analyzers were used:

| <u>Parameter</u> | <u>Make</u> | <u>Model</u> | <u>Principle</u> |
|------------------|-------------|--------------|-------------------|
| NO _x | CAI | 600CLD | Chemiluminescence |
| CO | TECO | 48i | GFC IR analyzer |
| O ₂ | CAI | 110P | Paramagnetic |

EPA 25A (THC by FID) is an accepted method for the determination of THC. A flame ionization detector (FID) total hydrocarbon continuous monitor is used for the sampling. The sampling and calibrations are performed through an all heated sample line connected directly to the THC analyzer without the removal of moisture. The FID in the analyzer is heated to 190 °C. The calibration gases are selected to fall within the following instrument ranges; 80 to 90 percent for the high calibration, 45 to 55 percent for the mid-range calibration, 25 to 35 percent for the low range calibration and zero. Zero and mid calibration drift values are determined for each test run.

EPA Method TO-15 analysis is used to determine emissions of Organic and compounds. Inlet gases are filled into evacuated summa canisters corresponding to the test program. The cans are labeled respectively then sent to a laboratory and analyzed for speciated compounds by GC/MS (gas chromatography/mass spectrometer). For more information on the lab analysis, refer to Appendix B for method description and QA/QC.

EPA Method 25C (NMOC). Inlet gases are filled into summa can corresponding to the test program. The samples are analyzed for Non-Methane Organic Compound (NMOC) by EPA Method 25C using GC/FID (gas chromatography/flame ionization detector). Results are based on a methane calibration curve.

EPA Method 18 is used to determine non-methane organic compounds (NMOC) emissions by gas chromatograph / Flame Ionization Detection (GC/FID). Inlet gases (LFG) are filled into a tedlar bag. Sample is filled with positive pressure off the LFG main header. The bag samples are taken to a laboratory and analyzed within 72 hours. Inlet NMOC is assumed equal to total non-methane hydrocarbons. The results are reported with a detection limit of 1.0 ppm as methane for non-methane organic compounds (NMOC).

EPA Method 19 is used to determine stack gas volumetric flow rates using oxygen based F-factors. F-factors are ratios of combustion gas volumes generated from heat input. The heating value of the fuel in Btu per cubic foot is determined from the analysis of fuel gas samples using gas chromatography (GC). Dedicated fuel meters monitor total fuel consumption for the source. 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. This procedure is proposed for pollutants whose compliance standards are based on emission rates (lb/day) or emission factors (lb/MMBtu).

EPA Method ASTM D-1945 & D-3588 analysis is used to determine the composition of fuel gas (e.g. O₂, CO₂, N₂, CH₄, C₁-C₆+ & HHV). Inlet gases are filled into a tedlar bag, the bag is labeled respectively then sent to a Laboratory and analyzed for fixed gases, methane and C₁-C₆ using GC/FID (gas chromatography/flame ionization detector). Each compound has calorific values that are used to calculate the BTU combustion factors (HHV) used in EPA Method 19. The results are reported in percent levels.

ASTM D-6228 analysis is used to determine emissions of H₂S. Inlet gases are filled into tedlar bags corresponding to the test program. The bags are labeled respectively then sent to a laboratory and analyzed by GC/FPD (gas chromatography/Flame Photometric Detector) within 24 hours. For more information on the lab analysis, refer to Appendix B for method description and QA/QC.

4.3. Analytical Laboratories

LFG samples were sent to Best Environmental for CH₄, NMOC, fixed gases, sulfur and HHV analysis. AAC Laboratories performed the for LFG characterization & NMOC (M25C) analyses.

For more information on the analysis procedures and QA/QC, refer to Appendix B.

TABLE #1
City Mt View, Shoreline Landfill
Flare 1 (A-6)
NMOC, NOx and CO Emissions Results

| TEST | 1 | 2 | 3 | AVERAGE | LIMIT |
|--|----------|-----------|-----------|----------------|------------|
| Test Date | 02/01/22 | 02/01/22 | 02/01/22 | | |
| Test Time | 959-1029 | 1037-1107 | 1115-1145 | | |
| Standard Temp., °F | 70 | 70 | 70 | | |
| F factor | 10,256 | 10,228 | 10,262 | 10,249 | |
| Flow Rate, DSCFM | 1,277 | 1,315 | 1,326 | 1,306 | |
| Flare Temp., °F | 1,623 | 1,623 | 1,624 | 1,623 | |
| Outlet Emissions | | | | | |
| O ₂ , % | 12.00 | 12.02 | 12.12 | 12.05 | |
| CO ₂ , % | 7.42 | 7.36 | 7.29 | 7.36 | |
| NOx, ppm | 15.55 | 15.91 | 15.72 | 15.73 | |
| NOx, ppm @ 15% O₂ | 10.31 | 10.58 | 10.56 | 10.48 | 25 |
| NOx, lbs/hr | 0.14 | 0.15 | 0.15 | 0.15 | |
| NOx, lbs/MMBtu | 0.0446 | 0.0457 | 0.0457 | 0.0453 | |
| CO, ppm | <1.0 | <1.0 | <1.0 | <1.0 | |
| CO, ppm @ 15% O₂ | <0.7 | <0.7 | <0.7 | <0.7 | 50 |
| CO, lbs/hr | <0.0055 | <0.0057 | <0.0058 | <0.0057 | |
| CO, lbs/MMBtu | <0.0017 | <0.0017 | <0.0018 | <0.0018 | |
| THC, ppm as methane | <1.0 | <1.0 | <1.0 | <1.0 | |
| CH ₄ , ppm as methane | <1.0 | <1.0 | <1.0 | <1.0 | |
| CH ₄ , lbs/hr | <0.0032 | <0.0033 | <0.0033 | <0.0032 | |
| NMOC, ppm | <1.0 | <1.0 | <1.0 | <1.0 | |
| NMOC, ppm corr. to 3% O₂ | <2.0 | <2.0 | <2.0 | <2.0 | 30 |
| NMOC, lbs/hr | <0.0032 | <0.0033 | <0.0033 | <0.0032 | |
| NMOC, lbs/MMBtu | <0.0010 | <0.0010 | <0.0010 | <0.0010 | |
| Inlet | | | | | |
| Flowrate, dscfm | 161 | 160 | 162 | 161 | |
| H₂S, ppm | 8.92 | 8.25 | 9.22 | 8.80 | 150 |
| CH ₄ , ppm as methane | 343,700 | 329,700 | 321,700 | 331,700 | |
| CH ₄ , lbs/hr | 137.4 | 131.0 | 129.4 | 132.6 | |
| NMOC, ppm as methane | 882 | 882 | 882 | 882 | |
| NMOC, lbs/hr | 0.108 | 0.105 | 0.105 | 0.106 | |
| Efficiency | | | | | |
| CH₄, % | 99.998% | 99.998% | 99.997% | 99.998% | 98 |
| NMOC, % | 97.05% | 96.88% | 96.87% | 96.94% | 99 |

WHERE:

ppm = Parts Per Million Concentration
MW = Molecular Weight
CO = Carbon Monoxide (MW = 28)
NOx = Oxides of Nitrogen as NO₂ (MW = 46)

CALCULATIONS:

lbs/hr = ppm * DSCFM * MW * 60 / 385 x 10⁶
ppm @ 3% O₂ = ppm * 17.9 / (20.9-stack O₂)
lbs/hr = ppm * DSCFM * MW * 0.00008223 / (Std Temp + 460)
lbs/MMBtu = Fd * M.W. * ppm * 2.59E-9 * (20.9/(20.9-%O₂))

TABLE #2
City Mt View, Shoreline Landfill
Flare 2 (A-7)
NMOC, NOx and CO Emissions Results

| TEST | 1 | 2 | 3 | AVERAGE | LIMIT |
|--|-----------|-----------|-----------|----------------|------------|
| Test Date | 02/01/22 | 02/01/22 | 02/01/22 | | |
| Test Time | 1200-1230 | 1238-1308 | 1316-1346 | | |
| Standard Temp., °F | 70 | 70 | 70 | | |
| F factor | 10,244 | 10,240 | 10,243 | 10,242 | |
| Flow Rate, DSCFM | 2,691 | 2,671 | 2,713 | 2,692 | |
| Flare Temp., °F | 1,617 | 1,629 | 1,626 | 1,624 | |
| Outlet Emissions | | | | | |
| O ₂ , % | 11.80 | 11.74 | 11.77 | 11.77 | |
| CO ₂ , % | 7.56 | 7.61 | 7.59 | 7.59 | |
| NO _x , ppm | 13.90 | 14.18 | 14.05 | 14.04 | |
| NO_x, ppm @ 15% O₂ | 9.02 | 9.13 | 9.08 | 9.08 | 25 |
| NO _x , lbs/hr | 0.27 | 0.27 | 0.27 | 0.27 | |
| NO _x , lbs/MMBtu | 0.0390 | 0.0395 | 0.0393 | 0.0392 | |
| CO, ppm | <1.0 | <1.0 | <1.0 | <1.0 | |
| CO, ppm @ 15% O₂ | <0.6 | <0.6 | <0.6 | <0.6 | 50 |
| CO, lbs/hr | <0.012 | <0.012 | <0.012 | <0.012 | |
| CO, lbs/MMBtu | <0.0017 | <0.0017 | <0.0017 | <0.0017 | |
| THC, ppm as methane | <1.0 | <1.0 | <1.0 | <1.0 | |
| CH ₄ , ppm as methane | <1.0 | <1.0 | <1.0 | <1.0 | |
| CH ₄ , lbs/hr | <0.0067 | <0.0066 | <0.0067 | <0.0067 | |
| NMOC, ppm | <1.0 | <1.0 | <1.0 | <1.0 | |
| NMOC, ppm corr. to 3% O₂ | <2.0 | <2.0 | <2.0 | <2.0 | 30 |
| NMOC, lbs/hr | <0.0067 | <0.0066 | <0.0067 | <0.0067 | |
| NMOC, lbs/MMBtu | <0.0010 | <0.0010 | <0.0010 | <0.0010 | |
| Inlet | | | | | |
| Flowrate, dscfm | 335 | 337 | 336 | 336 | |
| H₂S, ppm | 9.51 | 9.61 | 9.71 | 9.61 | 150 |
| CH ₄ , ppm as methane | 339,000 | 320,100 | 328,000 | 329,033 | |
| CH ₄ , lbs/hr | 281.9 | 267.8 | 273.6 | 274.4 | |
| NMOC, ppm as methane | 952 | 952 | 952 | 952 | |
| NMOC, lbs/hr | 0.133 | 0.135 | 0.133 | 0.134 | |
| Efficiency | | | | | |
| CH₄, % | 99.998% | 99.998% | 99.998% | 99.998% | 98 |
| NMOC, % | 94.98% | 95.08% | 94.92% | 95.00% | 99 |

WHERE:

DSCFM = Dry Standard Cubic Feet Per Minute

ppm = Parts Per Million Concentration

MW = Molecular Weight

CO = Carbon Monoxide (MW = 28)

NO_x = Oxides of Nitrogen as NO₂ (MW = 46)**CALCULATIONS:**

lbs/hr = ppm * DSCFM * MW *60 / 385 x 106

ppm @ 3% O₂ = ppm * 17.9 / (20.9-stack O₂)

lbs/hr = ppm * DSCFM * MW * 0.00008223 / (Std Temp + 460)

lbs/MMBtu = Fd * M.W.* ppm * 2.59E-9 * (20.9/(20.9-%O₂))

TABLE #3

**City Mt View, Shoreline Landfill
Flare 3 (A-8)
NMOC, NOx and CO Emissions Results**

| TEST | 1 | 2 | 3 | AVERAGE | LIMIT |
|--|-----------|-----------|-----------|----------------|------------|
| Test Date | 02/01/22 | 02/01/22 | 02/01/22 | | |
| Test Time | 1415-1445 | 1453-1523 | 1532-1402 | | |
| Standard Temp., °F | 70 | 70 | 70 | | |
| F factor | 10,233 | 10,227 | 10,374 | 10,278 | |
| Flow Rate, DSCFM | 3,215 | 3,060 | 3,021 | 3,099 | |
| Flare Temp., °F | 1,628 | 1,624 | 1,625 | 1,626 | |
| Outlet Emissions | | | | | |
| O ₂ , % | 11.82 | 11.80 | 11.77 | 11.80 | |
| CO ₂ , % | 7.55 | 7.58 | 7.58 | 7.57 | |
| NOx, ppm | 17.04 | 17.12 | 17.14 | 17.10 | |
| NOx, ppm corr. to 15% O₂ | 11.07 | 11.10 | 11.08 | 11.08 | 25 |
| NOx, lbs/hr | 0.39 | 0.37 | 0.37 | 0.38 | |
| NOx, lbs/MMBtu | 0.0478 | 0.0479 | 0.0485 | 0.0481 | |
| CO, ppm | <1.0 | <1.0 | <1.0 | <1.0 | |
| CO, ppm corr. to 15% O₂ | <0.6 | <0.6 | <0.6 | <0.6 | 50 |
| CO, lbs/hr | <0.023 | <0.022 | <0.022 | <0.022 | |
| CO, lbs/MMBtu | <0.0005 | <0.0005 | <0.0005 | <0.0005 | |
| THC, ppm as methane | <1.0 | <1.0 | <1.0 | <1.0 | |
| CH ₄ , ppm as methane | <1.0 | <1.0 | <1.0 | <1.0 | |
| CH ₄ , lbs/hr | <0.0080 | <0.0076 | <0.0075 | <0.0077 | |
| NMOC, ppm | <1.0 | <1.0 | <1.0 | <1.0 | |
| NMOC, ppm corr. to 3% O₂ | <2.0 | <2.0 | <2.0 | <2.0 | 30 |
| NMOC, lbs/hr | <0.0080 | <0.0076 | <0.0075 | <0.0077 | |
| NMOC, lbs/MMBtu | <0.0010 | <0.0010 | <0.0010 | <0.0010 | |
| Inlet | | | | | |
| Flowrate, dscfm | 392 | 391 | 390 | 391 | |
| H₂S, ppm | 10.07 | 9.73 | 9.02 | 9.61 | 150 |
| CH ₄ , ppm as methane | 313,600 | 329,600 | 311,200 | 318,133 | |
| CH ₄ , lbs/hr | 305.2 | 319.9 | 301.3 | 308.8 | |
| NMOC, ppm as methane | 1,019 | 1,019 | 1,019 | 1,019 | |
| NMOC, lbs/hr | 0.143 | 0.149 | 0.150 | 0.147 | |
| Efficiency | | | | | |
| CH₄, % | 99.997% | 99.998% | 99.998% | 99.998% | 98 |
| NMOC, % | 94.42% | 94.90% | 95.01% | 94.77% | 99 |

WHERE:

- ppm = Parts Per Million Concentration
- MW = Molecular Weight
- CO = Carbon Monoxide (MW = 28)
- NOx = Oxides of Nitrogen as NO₂ (MW = 46)

CALCULATIONS:

- lbs/hr = ppm * DSCFM * MW * 60 / 385 x 10⁶
- ppm @ 3% O₂ = ppm * 17.9 / (20.9-stack O₂)
- lbs/hr = ppm * DSCFM * MW * 0.00008223 / (Std Temp + 460)
- lbs/MMBtu = Fd * M.W. * ppm * 2.59E-9 * (20.9/(20.9-%O₂))

TABLE 4
Mt View
CH₄ & NMOC Emissions
SPS Microturbine (S-16)

| RUN # | 1 | | 2 | | 3 | | AVG | | Limit |
|--|-----------|---------|-----------|----------|-----------|---------|---------|-------------|------------|
| TEST LOCATION | Inlet | Outlet | Inlet | Outlet | Inlet | Outlet | Inlet | Outlet | |
| TEST DATE | 2/2/2022 | | 2/2/2022 | | 2/2/2022 | | | | |
| TEST TIME | 1128-1158 | | 1204-1234 | | 1240-1310 | | | | |
| STANDARD TEMP., °F | 70 | | 70 | | 70 | | | | |
| Micro-Turbine Load, kW | 64.7 | | 64.9 | | 64.7 | | | | |
| Exhaust Temp., °F | | | 1,175 | | | | | | |
| Heat Input, MMBtu/hr | 0.44 | | 0.46 | | 0.43 | | 0.44 | | |
| FLOW RATE, DSCFM | 22.9 | 427 | 22.9 | 448 | 22.9 | 431 | 22.9 | 435 | |
| O ₂ , % | 5.95 | 17.25 | 5.14 | 17.31 | 5.48 | 17.32 | 5.52 | 17.29 | |
| CO ₂ , (%) | 26.16 | N.M. | 27.09 | N.M. | 26.62 | N.M. | 26.62 | N.M. | |
| N ₂ , % | 32.28 | N.M. | 29.68 | N.M. | 30.62 | N.M. | 30.86 | N.M. | |
| THC, ppm | N.M. | 5.27 | N.M. | 5.21 | N.M. | 5.46 | N.M. | 5.31 | |
| CH ₄ , ppm | 336,800 | 4.88 | 335,700 | 5.18 | 339,600 | 5.35 | 337,367 | 5.14 | |
| CH ₄ , lbs/hr | 19.18 | 0.0052 | 19.12 | 0.0058 | 19.34 | 0.0057 | 19.21 | 0.0056 | |
| NMOC, ppm | 34.95 | 0.39 | 43.57 | 0.03 | 49.37 | 0.11 | 42.63 | 0.18 | |
| NMOC, ppm @ 3% O₂ as Methane | N.A. | 1.92 | N.A. | 0.13 | N.A. | 0.5 | N.A. | 0.86 | 120 |
| NMOC, lbs/hr as CH ₄ | 0.0020 | <0.0004 | 0.0025 | <0.00003 | 0.0028 | <0.0001 | 0.0024 | <0.0002 | or |
| NMOC D.E., % | 79.18 | | 98.79 | | 95.91 | | 91.30 | | 98 |
| CH ₄ D.E., % | 99.97 | | 99.97 | | 99.97 | | 99.97 | | |

WHERE:O₂ = OxygenCH₄ = Methane (M.W. = 16)TOC = Total Oxidizable Carbon as CH₄THC = Total Hydrocarbon as CH₄TNMHC = Total Non-Methane Hydrocarbon as CH₄TNMHC = THC - CH₄

lbs/hr = Pounds Per Hour Emission Rate

DSCFM = Dry Standard Cubic Feet Per Minute

N.M. = Not Measured

N.A. = Not Applicable

ppm = Parts per Million

CALCULATIONS:

D.E. = 100 * (Inlet TNMHC lbs/hr - Outlet TNMHC lbs/hr) / Inlet TNMHC lbs/hr

lbs/hr = ppm * DSCFM * M.W. * 8.223E-5 / (Tstd + 460)

ppm @ 3% O₂ = ppm * (17.9/(20.9-O₂))

TABLE 5
Mt View
CH₄ & NMOC Emissions
Flare Microturbine (S-17)

| RUN # | 1 | | 2 | | 3 | | AVG | | Limit |
|--|----------|--------|----------|--------|-----------|--------|---------|--------------|------------|
| TEST LOCATION | Inlet | Outlet | Inlet | Outlet | Inlet | Outlet | Inlet | Outlet | |
| TEST DATE | 2/2/2022 | | 2/2/2022 | | 2/2/2022 | | | | |
| TEST TIME | 913-943 | | 948-918 | | 1028-1058 | | | | |
| STANDARD TEMP., °F | 70 | | 70 | | 70 | | | | |
| Micro-Turbine Load, kW | 64.8 | | 64.8 | | 64.8 | | | | |
| Exhaust Temp., °F | 1,174 | | | | | | | | |
| Heat Input, MMBtu/hr | 0.48 | | 0.45 | | 0.45 | | 0.46 | | |
| FLOW RATE, DSCFM | 23.2 | 438 | 23.2 | 429 | 23.2 | 436 | 23.2 | 434 | |
| O ₂ , % | 5.02 | 17.12 | 5.02 | 17.15 | 5.06 | 17.16 | 5.033 | 17.14 | |
| CO ₂ , (%) | 25.00 | N.M. | 25.00 | N.M. | 24.72 | N.M. | 24.91 | N.M. | |
| N ₂ , % | 38.26 | N.M. | 38.26 | N.M. | 38.29 | N.M. | 38.27 | N.M. | |
| THC, ppm | N.M. | 33.91 | N.M. | 39.66 | N.M. | 40.94 | N.M. | 38.17 | |
| CH ₄ , ppm | 324,800 | 25.31 | 336,300 | 30.88 | 331,100 | 33.17 | 330,733 | 29.79 | |
| CH ₄ , lbs/hr | 18.7 | 0.0275 | 19.4 | 0.0329 | 19.1 | 0.0359 | 19.0 | 0.0321 | |
| NMOC, ppm | 37.27 | 8.60 | 37.54 | 8.78 | 38.49 | 7.77 | 37.77 | 8.38 | |
| NMOC, ppm @ 3% O₂ as Methane | N.A. | 40.69 | N.A. | 41.88 | N.A. | 37.2 | N.A. | 39.93 | 120 |
| NMOC, lbs/hr as CH ₄ | 0.002 | 0.0093 | 0.002 | 0.0093 | 0.002 | 0.0084 | 0.002 | 0.01 | |
| CH ₄ D.E., % | 99.85 | | 99.83 | | 99.81 | | 99.83 | | |

WHERE:O₂ = OxygenCH₄ = Methane (M.W. = 16)TOC = Total Oxidizable Carbon as CH₄THC = Total Hydrocarbon as CH₄TNMHC = Total Non-Methane Hydrocarbon as CH₄TNMHC = THC - CH₄

lbs/hr = Pounds Per Hour Emission Rate

DSCFM = Dry Standard Cubic Feet Per Minute

N.M. = Not Measured

N.A. = Not Applicable

ppm = Parts per Million

CALCULATIONS:

D.E. = 100 * (Inlet TNMHC lbs/hr - Outlet TNMHC lbs/hr) / Inlet TNMHC lbs/hr

lbs/hr = ppm * DSCFM * M.W. * 8.223E-5 / (Tstd + 460)

ppm @ 3% O₂ = ppm * (17.9/(20.9-O₂))

APPENDICES

APPENDIX A – CALCULATIONS & NOMENCLATURE

APPENDIX B - LABORATORY REPORTS

APPENDIX C - FIELD DATA SHEETS

APPENDIX D –CALIBRATION GAS CERTIFICATES

APPENDIX E–PROCESS DATA

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APPENDIX A
CALCULATIONS & NOMENCLATURE

Standard Abbreviations for Reports

| Unit | Abbreviation | Unit | Abbreviation |
|-------------------------------------|--------------|---|--------------|
| Billion | G | microgram | µg |
| Brake horsepower | bhp | milligram | mg |
| Brake horsepower hour | bhp-hr | milliliter | ml |
| British Thermal Unit | Btu | million | MM |
| capture efficiency | CE | minute | min |
| destruction efficiency | DE | Molecular Weight | M |
| Dry Standard Cubic Feet | DSCF | nanogram | ng |
| Dry Standard Cubic Feet per Minute | DSCFM | Parts per Billion | ppb |
| Dry Standard Cubic Meter | DSCM | Parts per Million | ppm |
| Dry Standard Cubic Meter per Minute | DSCMM | | |
| grains per dry standard cubic foot | gr/DSCF | pound | lb |
| gram | g | pounds per hour | lbs/hr |
| grams per Brake horsepower hour | g/bhp-hr | pounds per million Btu | lbs/MMBtu |
| kilowatt | kW | second | sec |
| liter | l | Specific Volume, ft ³ /lb-mole | SV |
| Megawatts | MW | Thousand | k |
| meter | m | watt | W |

Common Conversions / Calculations / Constants

- 1 gram = 15.432 grains
- 1 pound = 7000 grains
- grams per pound = 453.6
- bhp = 1.411 * Engine kW, (where Engine kW = Generator kW output / 0.95) @ 95% efficiency
- g/bhp-hr = 453 * ppm * (MW / (385E6)) * 0.00848 * f-factor * (20.9 / (20.9 - O₂)); CARB
- g/bhp-hr = lbs/hr * 453.6 / bhp
- 2.59E-9 = Conversion factor for ppm to lbs/scf, EPA 40CFR60.45 @ 68°F
- Correction Multiplier for Standard Temperature = (460 + T_{std.} °F) / 528
- F factor: dscf / MMBTU @ 60°F = 8579, @ 68°F = 8710, @ 70°F = 8743 for natural gas
- Btu/ft³: 1040
- lb/hr Part Emission Rate = 0.00857 * gr/dscf * dscfm; EPA Method 5
- lbs/hr = ppm / SV x dscfm x M * 60; CARB Method 100; where SV = 385E⁶ @ 68°F or = 379E⁶ @ 60°F or = 386E⁶ @ 70°F.
- Correction to 12% CO₂ = gr/dscf * 12% / stack CO₂%; EPA Method 5
- Correction to 3% O₂ = ppm * 17.9 / (20.9 - stack O₂ %); CARB Method 100
- Correction to 15% O₂ = ppm * 5.9 / (20.9 - stack O₂ %); CARB Method 100
- dscfm = Gas Fd * MMBtu/min * 20.9 / (20.9 - stack O₂ %); EPA Method 19
- lb/MMBtu @ 60°F = Fd * M * ppm * 2.64E-9 * 20.9 / (20.9 - stack O₂ %);
- @ 68°F = Fd * M * ppm * 2.59E-9 * 20.9 / (20.9 - stack O₂ %);
- @ 70°F = Fd * M * ppm * 2.58E-9 * 20.9 / (20.9 - stack O₂ %)

Standard Temperatures by District

| | | | |
|------------------------|-------|----------------------------|---------------|
| EPA | 68 °F | NSAPCD - Northern Sonoma | 68 °F |
| CARB | 68 °F | PCAPCD - Placer | 68 °F |
| BAAQMD - Bay Area | 70 °F | SLOCAPCD - San Luis Obispo | 60 °F |
| SJVUAPCD - San Joaquin | 60 °F | SMAQMD - Sacramento | 68°F de facto |
| SCAQMD - South Coast | 60 °F | SCAQMD - Shasta County | 68 °F |

CEM BIAS SYSTEM TEST SUMMARY FIELD DATA SHEET (EPA)

Facility: City Mt View, Shoreline Landfill Date: 2/1/2022 Personnel: BJ & BA
 Location: Flares

| | O ₂ | CO ₂ | NO _x | CO | THC | | Comments |
|------------------------------|----------------|-----------------|-----------------|----------|----------|--|--------------|
| Analyzer | CAI 110 | Rosemount | CAI 600 | TECO 48 | TECO 51 | | |
| Range | 20.98 | 18.98 | 45.30 | 89.40 | 84.90 | | |
| Zero Value (N ₂) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| Cal Value (low) | | | | | 26.88 | | EPA 25A only |
| Cyl. # | | | | | DT27824 | | |
| Cyl. Exp. Date | | | | | 05/27/29 | | |
| Cal Value (mid) | 9.02 | 12.02 | 21.90 | 44.80 | 44.70 | | |
| Cyl. # | CC81184 | CC81184 | CC114745 | CC81184 | SA14604 | | |
| Cyl. Exp. Date | 11/22/29 | 11/22/29 | 09/22/24 | 11/22/29 | 12/07/28 | | |
| Cal Value (Hi) | 20.98 | 18.98 | 45.30 | 89.40 | 84.90 | | |
| Cyl. # | CC306150 | CC306150 | DT37052 | CC306150 | CC724563 | | |
| Cyl. Exp. Date | 11/22/29 | 11/22/29 | 11/18/23 | 11/22/29 | 11/13/28 | | |

CALIBRATION ERROR CHECK

| | | | | | | | |
|-----------------|-------|-------|-------|-------|-------|--|----------------------|
| Zero cal (int) | 0.01 | -0.06 | 0.08 | -0.05 | 0.37 | | |
| Abs. Difference | 0.01 | 0.06 | 0.08 | 0.05 | 0.37 | | = or < 0.5 ppm diff. |
| % Linearity | 0.0 | -0.3 | 0.2 | -0.1 | 0.4 | | = or < 2% |
| low cal (int) | | | | | 26.68 | | |
| Abs. Difference | | | | | 26.68 | | = or < 0.5 ppm |
| % Linearity | | | | | -0.23 | | = or < 2% |
| mid cal (int) | 8.98 | 11.65 | 21.92 | 45.06 | 44.69 | | |
| Abs. Difference | 0.04 | 0.37 | 0.02 | 0.26 | 0.01 | | = or < 0.5 ppm diff. |
| % Linearity | -0.2 | -1.9 | 0.1 | 0.3 | 0.0 | | = or < 2% |
| high cal (int) | 21.00 | 18.90 | 45.87 | 89.07 | 85.76 | | |
| Abs. Difference | 0.02 | 0.08 | 0.57 | 0.33 | 0.86 | | = or < 0.5 ppm diff. |
| % Linearity | 0.1 | -0.4 | 1.3 | -0.4 | 1.0 | | = or < 2% |

INITIAL SYSTEM BIAS CHECK

| | | | | | | | |
|------------------|-------|-------|------|-------|------|--|----------------------|
| Zero (int) | 0.01 | -0.06 | 0.08 | -0.05 | 0.37 | | |
| Zero (ext) | -0.06 | -0.06 | 0.04 | -0.39 | 0.37 | | |
| Abs. Difference | 0.07 | 0.00 | 0.04 | 0.34 | 0.00 | | = or < 0.5 ppm diff. |
| bias, % High Cal | 0.3 | 0.0 | 0.1 | 0.4 | 0.0 | | = or < 5% |

| | | | | | | | |
|------------------|------|-------|-------|-------|-------|--|----------------------|
| Cal (int) | 8.98 | 11.65 | 21.92 | 45.06 | 44.69 | | *See Note 1 |
| Cal (ext) | 8.96 | 11.65 | 21.74 | 44.84 | 44.69 | | |
| Abs. Difference | 0.02 | 0.00 | 0.18 | 0.22 | 0.00 | | = or < 0.5 ppm diff. |
| bias, % High Cal | 0.1 | 0.0 | 0.4 | 0.2 | 0.0 | | = or < 5% |

| Zero to Cal | Cal to Zero |
|-------------|-------------|
| 60.0 | 60.0 |

System response time =

The time required (in seconds) to achieve a 95% difference between ext zero to ext span or ext span to ext zero.

NO₂ Converter Test

| NO ₂ Cal Gas | NO ₂ Final Value | % of Efficiency | Cyl. # | Cyl. Exp. Date |
|-------------------------|-----------------------------|-----------------|----------|----------------|
| 5.979 | 5.64 | 94.34% | CC503193 | 01/06/24 |

Note 1. Cal (int) references mid cal gas value.

System Bias (Limit ± 5%) = $100 * \frac{\text{External cal} - \text{Internal cal}}{\text{High Cal Gas Value}}$

% Linearity (Limit ± 2%) = $100 * \frac{\text{Span Value} - \text{Internal cal}}{\text{High Cal Gas Value}}$

% Converter Efficiency (Limit =/ >90%) = $100 * \text{Internal Cal} / \text{NO}_2 \text{ Cal Gas Value}$

CEM BIAS SYSTEM TEST SUMMARY SHEET (EPA)

Facility: City Mt View, Shoreline Landfill Date: 2/1/2022 Personnel: BJ & BA
 Location: Flare 1 (A6)

| | O ₂ | CO ₂ | NO _x | CO | THC | Comments |
|-----------------|----------------|-----------------|-----------------|----------|----------|--------------|
| Analyzer | CAI 110 | Rosemount | CAI 600 | TECO 48 | TECO 51 | |
| Range | 20.98 | 18.98 | 45.30 | 89.40 | 100.00 | |
| Zero Value (N2) | | | | | 0.00 | |
| Cal Value (low) | | | | | 26.88 | EPA 25A only |
| Cyl. # | | | | | DT27824 | |
| Cal Value (mid) | 9.02 | 12.02 | 21.9 | 44.80 | 44.70 | |
| Cyl. # | CC81184 | CC81184 | CC114745 | CC81184 | SA14604 | |
| Cal Value (Hi) | 20.98 | 18.98 | 45.30 | 89.40 | 84.90 | |
| Cyl. # | CC306150 | CC306150 | DT37052 | CC306150 | CC724563 | |

CALIBRATION ERROR CHECK

| | | | | | | |
|----------------|-------|-------|-------|-------|-------|--------------------------|
| Zero cal (int) | 0.01 | -0.06 | 0.08 | -0.05 | 0.37 | |
| % Linearity | 0.0 | -0.3 | 0.2 | -0.1 | 0.4 | <2% or +/- 0.5 ppm diff. |
| mid cal (int) | 8.98 | 11.65 | 21.92 | 45.06 | 44.69 | |
| % Linearity | -0.2 | -1.9 | 0.1 | 0.3 | 0.0 | <2% or +/- 0.5 ppm diff. |
| high cal (int) | 21.00 | 18.90 | 45.87 | 89.07 | 85.76 | |
| % Linearity | 0.1 | -0.4 | 1.3 | -0.4 | 1.0 | <2% or +/- 0.5 ppm diff. |

SYSTEM BIAS & DRIFT

| | | | | | | |
|-----------------|-------|-------|-------|-------|-------|---------------------------------|
| Zero (int) | 0.01 | -0.06 | 0.08 | -0.05 | -0.05 | |
| Zero (ext)(i) | -0.06 | -0.06 | 0.04 | -0.39 | 0.37 | |
| Cal (int) | 8.98 | 11.65 | 21.92 | 45.06 | 44.69 | |
| Cal (ext) 1(i) | 8.96 | 11.65 | 21.74 | 44.84 | 44.69 | |
| Zero (ext) 1(f) | -0.03 | -0.06 | 0.04 | -0.54 | 0.11 | 959-1029 |
| Cal (ext) 1(f) | 8.98 | 11.76 | 21.60 | 44.54 | 44.60 | Run 1 |
| Zero % Drift | 0.2 | 0.0 | 0.0 | -0.2 | -0.3 | Limit (±3%) or +/-0.5 ppm diff. |
| Cal % Drift | 0.1 | 0.6 | -0.3 | -0.3 | -0.1 | Limit (±3%) or +/-0.5 ppm diff. |
| Zero % Bias | -0.2 | 0.0 | -0.1 | -0.6 | 0.2 | Limit (±5%) or +/-0.5 ppm diff. |
| Cal % Bias | 0.0 | 0.6 | -0.7 | -0.6 | -0.1 | Limit (±5%) or +/-0.5 ppm diff. |
| Average | 11.95 | 7.20 | 15.40 | -0.19 | 0.16 | |
| Corr. Average | 12.00 | 7.42 | 15.55 | 0.27 | -0.07 | |
| Zero (ext) 2(f) | -0.03 | -0.06 | 0.01 | -0.47 | 0.09 | 1037-1107 |
| Cal (ext) 2(f) | 8.97 | 11.72 | 21.60 | 44.43 | 44.63 | Run 2 |
| Zero % Drift | 0.0 | -0.1 | 0.0 | 0.1 | 0.0 | Limit (±3%) or +/-0.5 ppm diff. |
| Cal % Drift | -0.1 | -0.2 | 0.0 | -0.1 | 0.0 | Limit (±3%) or +/-0.5 ppm diff. |
| Zero % Bias | -0.2 | 0.0 | -0.1 | -0.5 | 0.2 | Limit (±5%) or +/-0.5 ppm diff. |
| Cal % Bias | -0.1 | 0.4 | -0.7 | -0.7 | -0.1 | Limit (±5%) or +/-0.5 ppm diff. |
| Average | 11.98 | 7.17 | 15.70 | -0.36 | 0.29 | |
| Corr. Average | 12.02 | 7.36 | 15.91 | 0.15 | 0.19 | |
| Zero (ext) 3(f) | -0.03 | -0.06 | 0.01 | -0.59 | 0.42 | 1115-1145 |
| Cal (ext) 3(f) | 8.96 | 11.70 | 21.65 | 44.29 | 44.82 | Run 3 |
| Zero % Drift | 0.0 | 0.0 | 0.0 | -0.1 | 0.3 | Limit (±3%) or +/-0.5 ppm diff. |
| Cal % Drift | 0.0 | -0.1 | 0.1 | -0.2 | 0.2 | Limit (±3%) or +/-0.5 ppm diff. |
| Zero % Bias | -0.2 | 0.0 | -0.1 | -0.6 | 0.5 | Limit (±5%) or +/-0.5 ppm diff. |
| Cal % Bias | -0.1 | 0.2 | -0.6 | -0.9 | 0.2 | Limit (±5%) or +/-0.5 ppm diff. |
| Average | 12.05 | 7.08 | 15.53 | -0.26 | 0.45 | |
| Corr. Average | 12.12 | 7.29 | 15.72 | 0.27 | 0.20 | |

SYSTEM RESPONSE TIME = 60 sec

System Drift (Limit ± 3%) = 100 * $\frac{\text{External final cal} - \text{External Initial cal}}{\text{High Gas Value}}$

System Bias (Limit ± 5%) = 100 * $\frac{\text{External cal} - \text{Internal cal}}{\text{High Gas Value}}$

% Linearity (Limit ± 2%) = 100 * $\frac{\text{Span Value} - \text{Internal cal}}{\text{High Gas Value}}$

Corrected Average = [Test Avg. - ((Zi+Zf) / 2)] * Span Gas Value / [(Si+Sf) / 2 - ((Zi+Zf) / 2)]

CEM BIAS SYSTEM TEST SUMMARY SHEET (EPA)

Facility: City Mt View, Shoreline Landfill Date: 2/1/2022 Personnel: BJ & BA
 Location: Flare 2 (A7)

| | O ₂ | O ₃ | NO _x | CO | THC | Comments |
|-----------------|----------------|----------------|-----------------|----------|----------|--------------|
| Analyzer | CAI 110 | Rosemount | CAI 600 | TECO 48 | TECO 51 | |
| Range | 20.98 | 18.98 | 45.30 | 89.40 | 100.00 | |
| Zero Value (N2) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Cal Value (low) | | | | | 26.88 | EPA 25A only |
| Cyl. # | | | | | DT27824 | |
| Cal Value (mid) | 9.02 | 12.02 | 21.9 | 44.80 | 44.70 | |
| Cyl. # | CC81184 | CC81184 | CC114745 | CC81184 | SA14604 | |
| Cal Value (Hi) | 20.98 | 18.98 | 45.30 | 89.40 | 84.90 | |
| Cyl. # | CC306150 | CC306150 | DT37052 | CC306150 | CC724563 | |

CALIBRATION ERROR CHECK

| | | | | | | |
|----------------|-------|-------|-------|-------|-------|--------------------------|
| Zero cal (int) | 0.01 | -0.06 | 0.08 | -0.05 | 0.37 | |
| % Linearity | 0.0 | -0.3 | 0.2 | -0.1 | 0.4 | <2% or +/- 0.5 ppm diff. |
| mid cal (int) | 8.98 | 11.65 | 21.92 | 45.06 | 44.69 | |
| % Linearity | -0.2 | -1.9 | 0.1 | 0.3 | 0.0 | <2% or +/- 0.5 ppm diff. |
| high cal (int) | 21.00 | 18.90 | 45.87 | 89.07 | 85.76 | |
| % Linearity | 0.1 | -0.4 | 1.3 | -0.4 | 1.0 | <2% or +/- 0.5 ppm diff. |

SYSTEM BIAS & DRIFT

| | | | | | | |
|-----------------|-------|-------|-------|-------|-------|---------------------------------|
| Zero (int) | 0.01 | -0.06 | 0.08 | -0.05 | -0.05 | |
| Zero (ext)(i) | -0.03 | -0.06 | 0.01 | -0.59 | 0.42 | |
| Cal (int) | 8.98 | 11.65 | 21.92 | 45.06 | 44.69 | |
| Cal (ext) 1(i) | 8.96 | 11.70 | 21.65 | 44.29 | 44.82 | |
| Zero (ext) 1(f) | -0.03 | -0.07 | 0.00 | -0.61 | 0.37 | 1200-1230 |
| Cal (ext) 1(f) | 8.96 | 11.67 | 21.69 | 44.16 | 44.83 | Run 1 |
| Zero % Drift | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Limit (±3%) or +/-0.5 ppm diff. |
| Cal % Drift | 0.0 | -0.1 | 0.1 | -0.1 | 0.0 | Limit (±3%) or +/-0.5 ppm diff. |
| Zero % Bias | -0.2 | 0.0 | -0.2 | -0.6 | 0.5 | Limit (±5%) or +/-0.5 ppm diff. |
| Cal % Bias | -0.1 | 0.1 | -0.5 | -1.0 | 0.2 | Limit (±5%) or +/-0.5 ppm diff. |
| Average | 11.74 | 7.32 | 13.76 | -0.58 | 0.57 | |
| Corr. Average | 11.80 | 7.56 | 13.90 | 0.02 | 0.17 | |
| Zero (ext) 2(f) | -0.03 | -0.07 | 0.00 | -0.62 | 0.62 | 1238-1308 |
| Cal (ext) 2(f) | 8.95 | 11.65 | 21.72 | 44.06 | 44.90 | Run 2 |
| Zero % Drift | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | Limit (±3%) or +/-0.5 ppm diff. |
| Cal % Drift | 0.0 | -0.1 | 0.1 | -0.1 | 0.1 | Limit (±3%) or +/-0.5 ppm diff. |
| Zero % Bias | -0.2 | 0.0 | -0.2 | -0.6 | 0.8 | Limit (±5%) or +/-0.5 ppm diff. |
| Cal % Bias | -0.1 | 0.0 | -0.4 | -1.1 | 0.2 | Limit (±5%) or +/-0.5 ppm diff. |
| Average | 11.67 | 7.36 | 14.05 | -0.40 | 0.70 | |
| Corr. Average | 11.74 | 7.61 | 14.18 | 0.22 | 0.21 | |
| Zero (ext) 3(f) | -0.03 | -0.07 | 0.00 | -0.71 | 0.58 | 1316-1346 |
| Cal (ext) 3(f) | 8.95 | 11.64 | 21.74 | 43.91 | 44.84 | Run 3 |
| Zero % Drift | 0.0 | 0.0 | 0.0 | -0.1 | 0.0 | Limit (±3%) or +/-0.5 ppm diff. |
| Cal % Drift | 0.0 | -0.1 | 0.0 | -0.2 | -0.1 | Limit (±3%) or +/-0.5 ppm diff. |
| Zero % Bias | -0.2 | 0.0 | -0.2 | -0.7 | 0.7 | Limit (±5%) or +/-0.5 ppm diff. |
| Cal % Bias | -0.2 | -0.1 | -0.4 | -1.3 | 0.2 | Limit (±5%) or +/-0.5 ppm diff. |
| Average | 11.69 | 7.33 | 13.94 | -0.42 | 0.68 | |
| Corr. Average | 11.77 | 7.59 | 14.05 | 0.25 | 0.07 | |

SYSTEM RESPONSE TIME = 60 sec

System Drift (Limit ± 3%) = $100 * \frac{\text{External final cal} - \text{External Initial cal}}{\text{High Gas Value}}$

System Bias (Limit ± 5%) = $100 * \frac{\text{External cal} - \text{Internal cal}}{\text{High Gas Value}}$

% Linearity (Limit ± 2%) = $100 * \frac{\text{Span Value} - \text{Internal cal}}{\text{High Gas Value}}$

Corrected Average = $[\text{Test Avg.} - ((Z_i + Z_f) / 2)] * \text{Span Gas Value} / [((S_i + S_f) / 2) - ((Z_i + Z_f) / 2)]$

CEM BIAS SYSTEM TEST SUMMARY SHEET (EPA)

Facility: City Mt View, Shoreline Landfill Date: 2/1/2022 Personnel: BJ & BA
 Location: Flare 3 (A8)

| | O ₂ | CO ₂ | NO _x | CO | THC | | Comments |
|-----------------|----------------|-----------------|-----------------|----------|----------|--|--------------|
| Analyzer | CAI 110 | Rosemount | CAI 600 | TECO 48 | TECO 51 | | |
| Range | 20.98 | 18.98 | 45.30 | 89.40 | 100.00 | | |
| Zero Value (N2) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| Cal Value (low) | | | | | 26.88 | | EPA 25A only |
| Cyl. # | | | | | DT27824 | | |
| Cal Value (mid) | 9.02 | 12.02 | 21.9 | 44.80 | 44.70 | | |
| Cyl. # | CC81184 | CC81184 | CC114745 | CC81184 | SA14604 | | |
| Cal Value (Hi) | 20.98 | 18.98 | 45.30 | 89.40 | 84.90 | | |
| Cyl. # | CC306150 | CC306150 | DT37052 | CC306150 | CC724563 | | |

CALIBRATION ERROR CHECK

| | | | | | | | |
|----------------|-------|-------|-------|-------|-------|--|--------------------------|
| Zero cal (int) | 0.01 | -0.06 | 0.08 | -0.05 | 0.37 | | |
| % Linearity | 0.0 | -0.3 | 0.2 | -0.1 | 0.4 | | <2% or +/- 0.5 ppm diff. |
| mid cal (int) | 8.98 | 11.65 | 21.92 | 45.06 | 44.69 | | |
| % Linearity | -0.2 | -1.9 | 0.1 | 0.3 | 0.0 | | <2% or +/- 0.5 ppm diff. |
| high cal (int) | 21.00 | 18.90 | 45.87 | 89.07 | 85.76 | | |
| % Linearity | 0.1 | -0.4 | 1.3 | -0.4 | 1.0 | | <2% or +/- 0.5 ppm diff. |

SYSTEM BIAS & DRIFT

| | | | | | | | |
|-----------------|-------|-------|-------|-------|-------|--|---------------------------------|
| Zero (int) | 0.01 | -0.06 | 0.08 | -0.05 | -0.05 | | |
| Zero (ext)(i) | -0.03 | -0.07 | 0.00 | -0.71 | 0.58 | | |
| Cal (int) | 8.98 | 11.65 | 21.92 | 45.06 | 44.69 | | |
| Cal (ext) 1(i) | 8.95 | 11.64 | 21.74 | 43.91 | 44.84 | | |
| Zero (ext) 1(f) | -0.03 | -0.07 | 0.00 | -0.73 | 0.66 | | 1415-1445 |
| Cal (ext) 1(f) | 8.95 | 11.61 | 21.77 | 43.74 | 46.49 | | Run 1 |
| Zero % Drift | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | | Limit (±3%) or +/-0.5 ppm diff. |
| Cal % Drift | 0.0 | -0.1 | 0.1 | -0.2 | 1.6 | | Limit (±3%) or +/-0.5 ppm diff. |
| Zero % Bias | -0.2 | 0.0 | -0.2 | -0.8 | 0.8 | | Limit (±5%) or +/-0.5 ppm diff. |
| Cal % Bias | -0.2 | -0.2 | -0.3 | -1.5 | 2.1 | | Limit (±5%) or +/-0.5 ppm diff. |
| Average | 11.73 | 7.27 | 16.93 | -0.67 | 1.05 | | |
| Corr. Average | 11.82 | 7.55 | 17.04 | 0.05 | 0.42 | | |
| Zero (ext) 2(f) | -0.03 | -0.07 | 0.01 | -0.75 | 0.66 | | 1453-1523 |
| Cal (ext) 2(f) | 8.94 | 11.61 | 21.79 | 43.69 | 46.56 | | Run 2 |
| Zero % Drift | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | Limit (±3%) or +/-0.5 ppm diff. |
| Cal % Drift | 0.0 | 0.0 | 0.0 | -0.1 | 0.1 | | Limit (±3%) or +/-0.5 ppm diff. |
| Zero % Bias | -0.2 | 0.0 | -0.1 | -0.8 | 0.8 | | Limit (±5%) or +/-0.5 ppm diff. |
| Cal % Bias | -0.2 | -0.2 | -0.3 | -1.5 | 2.2 | | Limit (±5%) or +/-0.5 ppm diff. |
| Average | 11.71 | 7.29 | 17.03 | -0.80 | 1.03 | | |
| Corr. Average | 11.80 | 7.58 | 17.12 | -0.05 | 0.36 | | |
| Zero (ext) 3(f) | -0.03 | -0.07 | 0.00 | -0.75 | 0.66 | | 1532-1402 |
| Cal (ext) 3(f) | 8.94 | 11.60 | 21.79 | 43.61 | 46.66 | | Run 3 |
| Zero % Drift | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | Limit (±3%) or +/-0.5 ppm diff. |
| Cal % Drift | 0.0 | 0.0 | 0.0 | -0.1 | 0.1 | | Limit (±3%) or +/-0.5 ppm diff. |
| Zero % Bias | -0.2 | 0.0 | -0.2 | -0.8 | 0.8 | | Limit (±5%) or +/-0.5 ppm diff. |
| Cal % Bias | -0.2 | -0.3 | -0.3 | -1.6 | 2.3 | | Limit (±5%) or +/-0.5 ppm diff. |
| Average | 11.68 | 7.29 | 17.05 | -0.73 | 1.02 | | |
| Corr. Average | 11.77 | 7.58 | 17.14 | 0.02 | 0.35 | | |

SYSTEM RESPONSE TIME = 60 sec

System Drift (Limit ± 3%) = $100 * \frac{\text{External final cal} - \text{External Initial cal}}{\text{High Gas Value}}$

System Bias (Limit ± 5%) = $100 * \frac{\text{External cal} - \text{Internal cal}}{\text{High Gas Value}}$

% Linearity (Limit ± 2%) = $100 * \frac{\text{Span Value} - \text{Internal cal}}{\text{High Gas Value}}$

Corrected Average = $[\text{Test Avg.} - ((Zi+Zf) / 2)] * \text{Span Gas Value} / [(Si+Sf) / 2 - ((Zi+Zf) / 2)]$

CEM CORRECTION SUMMARY

Facility: Mt View
 Unit: Microturbines S16, SPS Station
 Condition: Normal
 Date: 2/2/2022

Barometric: 30.95
 Leak Check: OK
 Strat. Check: OK
 Personnel: BJ

| | Inlet | | | | | Outlet | | | | | Comments |
|-----------------|-------|-----------------|----------------|----|-----------------|----------------|-----------------|-----------------|----|-------------|---------------------------|
| | TOC | CO ₂ | O ₂ | CO | CH ₄ | O ₂ | CO ₂ | NO _x | CO | THC | |
| Analyzer | | | | | | 110P | | | | 51 | |
| Range | | | | | | 25 | | | | 30 | |
| Units, ppm or % | | | | | | % | | | | ppm | |
| Span Gas Value | | | | | | 20.98 | | | | 26.88 | |
| Run 1 | | | | | | 0.04 | | | | 0.1 | zero (initial), Zi |
| 1128-1158 | | | | | | 20.96 | | | | 26.8 | upscale cal (initial), Si |
| | | | | | | 17.2 | | | | 5.4 | TEST AVG |
| | | | | | | 0.00 | | | | 0.2 | zero (final), Zf |
| | | | | | | 20.89 | | | | 27.2 | upscale cal (final), Sf |
| | | | | | | -0.2% | | | | 0.6% | zero drift |
| | | | | | | -0.3% | | | | 1.4% | cal drift |
| | | | | | | 17.25 | | | | 5.27 | CORRECTED AVG |
| Run 2 | | | | | | 0.00 | | | | 0.2 | zero (initial), Zi |
| 1204-1234 | | | | | | 20.89 | | | | 27.2 | upscale cal (initial), Si |
| | | | | | | 17.2 | | | | 5.4 | TEST AVG |
| | | | | | | 0.00 | | | | 0.1 | zero (final), Zf |
| | | | | | | 20.86 | | | | 27.2 | upscale cal (final), Sf |
| | | | | | | 0.0% | | | | -0.6% | zero drift |
| | | | | | | -0.1% | | | | 0.0% | cal drift |
| | | | | | | 17.31 | | | | 5.21 | CORRECTED AVG |
| Run 3 | | | | | | 0.00 | | | | 0.1 | zero (initial), Zi |
| 1240-1310 | | | | | | 20.86 | | | | 27.2 | upscale cal (initial), Si |
| | | | | | | 17.2 | | | | 5.6 | TEST AVG |
| | | | | | | 0.00 | | | | 0.2 | zero (final), Zf |
| | | | | | | 20.88 | | | | 27.2 | upscale cal (final), Sf |
| | | | | | | 0.0% | | | | 0.4% | zero drift |
| | | | | | | 0.1% | | | | 0.0% | cal drift |
| | | | | | | 17.32 | | | | 5.46 | CORRECTED AVG |
| AVERAGES | | | | | | 17.3 | | | | 5.31 | TEST AVG |

CORRECTED VALUE = [Test Avg. - ((Zi+Zf) / 2)] * Span Gas Value / [((Si+Sf) / 2) - ((Zi+Zf) / 2)]

ZERO DRIFT % = 100 * (Zf-Zi) / Instrument Range

SPAN DRIFT % = 100 * (Sf-Si) / Instrument Range

CEM CORRECTION SUMMARY

Facility: Mt View
 Unit: Microturbines S17, Flare Station
 Condition: Normal
 Date: 2/2/2022

Barometric: 30.95
 Leak Check: OK
 Strat. Check: OK
 Personnel: BJ

| | Inlet | | | | | Outlet | | | | | Comments |
|-----------------|-------|-----------------|----------------|----|-----------------|----------------|-----------------|-----------------|----|--------------|---------------------------|
| | TOC | CO ₂ | O ₂ | CO | CH ₄ | O ₂ | CO ₂ | NO _x | CO | THC | |
| Analyzer | | | | | | 110P | | | | 51 | |
| Range | | | | | | 25 | | | | 30 | |
| Units, ppm or % | | | | | | % | | | | ppm | |
| Span Gas Value | | | | | | 20.98 | | | | 26.88 | |
| Run 1 | | | | | | 0.04 | | | | 0.1 | zero (initial), Zi |
| | | | | | | 20.98 | | | | 26.9 | upscale cal (initial), Si |
| 913-943 | | | | | | 17.1 | | | | 34.0 | TEST AVG |
| | | | | | | 0.04 | | | | 0.1 | zero (final), Zf |
| | | | | | | 20.97 | | | | 26.9 | upscale cal (final), Sf |
| | | | | | | 0.0% | | | | -0.1% | zero drift |
| | | | | | | 0.0% | | | | 0.0% | cal drift |
| | | | | | | 17.12 | | | | 33.91 | CORRECTED AVG |
| Run 2 | | | | | | 0.04 | | | | 0.1 | zero (initial), Zi |
| | | | | | | 20.97 | | | | 26.9 | upscale cal (initial), Si |
| 948-918 | | | | | | 17.1 | | | | 39.8 | TEST AVG |
| | | | | | | 0.04 | | | | 0.2 | zero (final), Zf |
| | | | | | | 20.95 | | | | 27.0 | upscale cal (final), Sf |
| | | | | | | 0.0% | | | | 0.3% | zero drift |
| | | | | | | -0.1% | | | | 0.4% | cal drift |
| | | | | | | 17.15 | | | | 39.66 | CORRECTED AVG |
| Run 3 | | | | | | 0.04 | | | | 0.2 | zero (initial), Zi |
| | | | | | | 20.95 | | | | 27.0 | upscale cal (initial), Si |
| 1028-1058 | | | | | | 17.2 | | | | 40.9 | TEST AVG |
| | | | | | | 0.04 | | | | 0.1 | zero (final), Zf |
| | | | | | | 20.96 | | | | 26.8 | upscale cal (final), Sf |
| | | | | | | 0.0% | | | | -0.3% | zero drift |
| | | | | | | 0.1% | | | | -0.9% | cal drift |
| | | | | | | 17.16 | | | | 40.94 | CORRECTED AVG |
| AVERAGES | | | | | | 17.14 | | | | 38.17 | TEST AVG |

CORRECTED VALUE = [Test Avg. - ((Zi+Zf) / 2)] * Span Gas Value / [((Si+Sf) / 2) - ((Zi+Zf) / 2)]

ZERO DRIFT % = 100 * (Zf-Zi) / Instrument Range

SPAN DRIFT % = 100 * (Sf-Si) / Instrument Range

**STACK GAS FLOW RATE DETERMINATION -- FUEL USAGE
EPA Method 19**

Facility: City Mt View
Unit: Flare 1
Date: 2/1/2022

| | Run 1 | Run 2 | Run 3 | Average | |
|------------------------------|--------------|--------------|--------------|--------------|-----------------------|
| Time: | | | | | |
| Gross Calorific Value @ 70°F | 329 | 341 | 335 | 335 | Btu / ft ³ |
| Stack Oxygen | 12.00 | 12.02 | 12.12 | 12.05 | % |
| Gas Fd-Factor @ 70°F | 10,256 | 10,228 | 10,262 | 10,249 | DSCF/MMBtu |
| Standard Temperature (°F) | 70 | 70 | 70 | 70 | °F |
| Corrected Fuel Rate (SCFM) | 161 | 160 | 162 | 161 | SCFM |
| Fuel Flow Rate (SCFH) | 9,660 | 9,600 | 9,720 | 9,660 | SCFH |
| Million Btu per minute | 0.053 | 0.055 | 0.054 | 0.054 | MMBtu/min |
| Heat Input (MMBtu/hour) | 3.18 | 3.27 | 3.26 | 3.24 | MMBtu/Hr |
| Stack Gas Flow Rate | 1,277 | 1,315 | 1,326 | 1,306 | DSCFM |

WHERE:

Gas Fd-Factor = Fuel conversion factor (ratio of combustion gas volumes to heat inputs)
MMBtu = Million Btu

CALCULATIONS:

$SCFM = CFM * 528 * (\text{gas line PSIA}) / 14.7 / (\text{gas } ^\circ\text{F} + 460)$
 $MMBtu/min = (SCFM * Btu/ft^3) / 1,000,000$
 $DSCFM = \text{Gas Fd-Factor} * MMBtu/min * 20.95 / (20.95 - \text{stack oxygen}\%)$
 $SCFH = SCFM * 60$
 $\text{Heat Input} = MMBtu/min * 60$

**STACK GAS FLOW RATE DETERMINATION -- FUEL USAGE
EPA Method 19**

Facility: City Mt View
Unit: Flare 2
Date: 2/1/2022

| | Run 1 | Run 2 | Run 3 | Average | |
|------------------------------|--------------|--------------|--------------|--------------|-----------------------|
| Time: | | | | | |
| Gross Calorific Value @ 70°F | 341 | 339 | 344 | 341 | Btu / ft ³ |
| Stack Oxygen | 11.80 | 11.74 | 11.77 | 11.77 | % |
| Gas Fd-Factor @ 70°F | 10,244 | 10,240 | 10,243 | 10,242 | DSCF/MMBtu |
| Standard Temperature (°F) | 70 | 70 | 70 | 70 | °F |
| Corrected Fuel Rate (SCFM) | 335 | 337 | 336 | 336 | SCFM |
| Fuel Flow Rate (SCFH) | 20,100 | 20,220 | 20,160 | 20,160 | SCFH |
| Million Btu per minute | 0.114 | 0.114 | 0.116 | 0.115 | MMBtu/min |
| Heat Input (MMBtu/hour) | 6.85 | 6.85 | 6.94 | 6.88 | MMBtu/Hr |
| Stack Gas Flow Rate | 2,691 | 2,671 | 2,713 | 2,692 | DSCFM |

WHERE:

Gas Fd-Factor = Fuel conversion factor (ratio of combustion gas volumes to heat inputs)
MMBtu = Million Btu

CALCULATIONS:

$$SCFM = CFM * 528 * (\text{gas line PSIA}) / 14.7 / (\text{gas } ^\circ\text{F} + 460)$$

$$MMBtu/min = (SCFM * \text{Btu}/\text{ft}^3) / 1,000,000$$

$$DSCFM = \text{Gas Fd-Factor} * \text{MMBtu}/\text{min} * 20.95 / (20.95 - \text{stack oxygen}\%)$$

$$SCFH = SCFM * 60$$

$$\text{Heat Input} = \text{MMBtu}/\text{min} * 60$$

**STACK GAS FLOW RATE DETERMINATION -- FUEL USAGE
EPA Method 19**

Facility: City Mt View
Unit: Flare 3
Date: 2/1/2022

| | Run 1 | Run 2 | Run 3 | Average | |
|------------------------------|--------------|--------------|--------------|--------------|--------------|
| Time: | | | | | |
| Gross Calorific Value @ 70°F | 348 | 333 | 326 | 336 | Btu / ft³ |
| Stack Oxygen | 11.82 | 11.80 | 11.77 | 11.80 | % |
| Gas Fd-Factor @ 70°F | 10,233 | 10,227 | 10,374 | 10,278 | DSCF/MMBtu |
| Standard Temperature (°F) | 70 | 70 | 70 | 70 | °F |
| Corrected Fuel Rate (SCFM) | 392 | 391 | 390 | 391 | SCFM |
| Fuel Flow Rate (SCFH) | 23,520 | 23,460 | 23,400 | 23,460 | SCFH |
| Million Btu per minute | 0.136 | 0.130 | 0.127 | 0.131 | MMBtu/min |
| Heat Input (MMBtu/hour) | 8.18 | 7.81 | 7.63 | 7.88 | MMBtu/Hr |
| Stack Gas Flow Rate | 3,215 | 3,060 | 3,021 | 3,099 | DSCFM |

WHERE:

Gas Fd-Factor = Fuel conversion factor (ratio of combustion gas volumes to heat inputs)
MMBtu = Million Btu

CALCULATIONS:

SCFM = CFM * 528 * (gas line PSIA) / 14.7 / (gas °F + 460)
MMBtu/min = (SCFM * Btu/ft³) / 1,000,000
DSCFM = Gas Fd-Factor * MMBtu/min * 20.95 / (20.95 - stack oxygen%)
SCFH = SCFM * 60
Heat Input = MMBtu/min * 60

**STACK GAS FLOW RATE DETERMINATION -- FUEL USAGE
EPA Method 19**

Facility: Mt View
 Unit: Microturbines S17, Flare Station
 Condition: Normal
 Date: 2/2/2022

| | Run 1 | Run 2 | Run 3 | Average | |
|------------------------------|------------|------------|------------|------------|-----------------------|
| Time: | | | | | |
| Gross Calorific Value @ 70°F | 343 | 324 | 327 | 331 | Btu / ft ³ |
| Stack Oxygen | 17.12 | 17.15 | 17.16 | 17.14 | % |
| Gas Fd-Factor @ 70°F | 10,034 | 10,321 | 10,347 | 10,234 | DSCF/MMBtu |
| Standard Temperature (°F) | 70 | 70 | 70 | 70 | °F |
| Corrected Fuel Rate (SCFM) | 23.19 | 23.19 | 23.19 | 23.19 | SCFM |
| Fuel Flow Rate (SCFH) | 1,391 | 1,391 | 1,391 | 1,391 | SCFH |
| Million Btu per minute | 0.008 | 0.008 | 0.008 | 0.008 | MMBtu/min |
| Heat Input (MMBtu/hour) | 0.48 | 0.45 | 0.45 | 0.46 | MMBtu/Hr |
| Stack Gas Flow Rate | 438 | 429 | 436 | 434 | DSCFM |

WHERE:

Gas Fd-Factor = Fuel conversion factor (ratio of combustion gas volumes to heat inputs)
 MMBtu = Million Btu

CALCULATIONS:

$SCFM = CFM * 528 * (\text{gas line PSIA}) / 14.7 / (\text{gas } ^\circ F + 460)$
 $MMBtu/min = (SCFM * Btu/ft^3) / 1,000,000$
 $DSCFM = \text{Gas Fd-Factor} * MMBtu/min * 20.95 / (20.95 - \text{stack oxygen}\%)$
 $SCFH = SCFM * 60$
 $\text{Heat Input} = MMBtu/min * 60$

**STACK GAS FLOW RATE DETERMINATION -- FUEL USAGE
EPA Method 19**

Facility: Mt View
 Unit: Microturbines S16, SPS Station
 Condition: Normal
 Date: 2/2/2022

| | Run 1 | Run 2 | Run 3 | Average | |
|------------------------------|------------|------------|------------|------------|-----------------------|
| Time: | | | | | |
| Gross Calorific Value @ 70°F | 317 | 334 | 315 | 322 | Btu / ft ³ |
| Stack Oxygen | 17.25 | 17.31 | 17.32 | 17.29 | % |
| Gas Fd-Factor @ 70°F | 10,328 | 10,116 | 10,291 | 10,245 | DSCF/MMBtu |
| Standard Temperature (°F) | 70 | 70 | 70 | 70 | °F |
| Corrected Fuel Rate (SCFM) | 22.94 | 22.94 | 22.94 | 22.94 | SCFM |
| Fuel Flow Rate (SCFH) | 1,376 | 1,376 | 1,376 | 1,376 | SCFH |
| Million Btu per minute | 0.007 | 0.008 | 0.007 | 0.007 | MMBtu/min |
| Heat Input (MMBtu/hour) | 0.44 | 0.46 | 0.43 | 0.44 | MMBtu/Hr |
| Stack Gas Flow Rate | 427 | 448 | 431 | 435 | DSCFM |

WHERE:

Gas Fd-Factor = Fuel conversion factor (ratio of combustion gas volumes to heat inputs)
 MMBtu = Million Btu

CALCULATIONS:

$SCFM = CFM * 528 * (\text{gas line PSIA}) / 14.7 / (\text{gas } ^\circ\text{F} + 460)$
 $MMBtu/min = (SCFM * \text{Btu}/\text{ft}^3) / 1,000,000$
 $DSCFM = \text{Gas Fd-Factor} * \text{MMBtu}/\text{min} * 20.95 / (20.95 - \text{stack oxygen}\%)$
 $SCFH = SCFM * 60$
 $\text{Heat Input} = \text{MMBtu}/\text{min} * 60$

APPENDIX B
LAB REPORTS

BEST ENVIRONMENTAL

339 Stealth Court

Livermore, California 94551

(925) 455-9474 FAX (925) 455-9479

bestair@best-enviro.com

February 25, 2021

Subject: On February 1 & 2, 2022 Best Environmental collected 15 LFG samples and 6 microturbine outlet samples at the City of Mountain View Landfill Annual Source Test.

CLIENT: City of Mountain View

PROJECT NAME: City of Mountain View Landfill Annual Source Test

BE PROJECT NO: 273

ANALYSIS DATE: 2/2/22-2/3/22

| Sample ID | Lab Sample Number |
|---------------------------------|-------------------|
| Run 1 Flare 1 Inlet | 7208 |
| Run 2 Flare 1 Inlet | 7209 |
| Run 3 Flare 1 Inlet | 7210 |
| Run 1 Flare 2 Inlet | 7211 |
| Run 2 Flare 2 Inlet | 7212 |
| Run 3 Flare 2 Inlet | 7213 |
| Run 1 Flare 3 Inlet | 7214 |
| Run 2 Flare 3 Inlet | 7215 |
| Run 3 Flare 3 Inlet | 7216 |
| Run 1 SPS Microturbine Inlet | 7277 |
| Run 2 SPS Microturbine Inlet | 7278 |
| Run 3 SPS Microturbine Inlet | 7279 |
| Run 1 Flare Microturbine Inlet | 7280 |
| Run 2 Flare Microturbine Inlet | 7281 |
| Run 3 Flare Microturbine Inlet | 7282 |
| Run 1 SPS Microturbine Outlet | 7257 |
| Run 2 SPS Microturbine Outlet | 7258 |
| Run 3 SPS Microturbine Outlet | 7259 |
| Run 1 Flare Microturbine Outlet | 7260 |
| Run 2 Flare Microturbine Outlet | 7261 |
| Run 3 Flare Microturbine Outlet | 7262 |

The samples were analyzed in accordance with EPA Method 18 (CH₄/NMOC) & ASTM D-1945/3588/6228 (fuel composition analysis, High heat value calculations & H₂S).

The following pages present the analytical results. A chain of custody can also be found in this report. This Lab report contains a total of 15 pages.

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.

If you have any questions concerning these results, or if Best Environmental can be of any further assistance, please contact me at (925) 455-9474 x 103.

Submitted by,



Bobby Asfour
Lab Director

EPA Method 18 & ASTM D-1945/3588/6228

Facility: City of Mt. View

Source: LFG Flare

Test Date: 2/1 & 2/2/22

Lab Personnel: BA

Analysis Date: 2/2 & 2/3/22

Project #: 273

Sample Media: Tedlar Bags

Flare 1 Inlet

| | | Inlet | % | ppm | ppm | H2S | | |
|-------|-------|-------|-----------|------------|------|-----------|------|--|
| Run # | | CH4 | C2 as CH4 | C3+ as CH4 | ppmv | gr/100scf | | |
| 7208 | 9:10 | Run 1 | 34.37 | 2.34 | N.A. | 8.92 | 0.53 | |
| 7209 | 9:50 | Run 2 | 32.97 | 1.85 | N.A. | 8.25 | 0.49 | |
| 7210 | 10:34 | Run 3 | 32.17 | 2.33 | N.A. | 9.22 | 0.54 | |

Flare 2 Inlet

CH4 & VOC Analysis (M18)

| | | Inlet | % | ppm | ppm | H2S | | |
|-------|-------|-------|-----------|------------|------|-----------|------|--|
| Run # | | CH4 | C2 as CH4 | C3+ as CH4 | ppmv | gr/100scf | | |
| 7211 | 13:49 | Run 1 | 33.90 | 1.93 | N.A. | 9.51 | 0.56 | |
| 7212 | 14:29 | Run 2 | 32.01 | 2.40 | N.A. | 9.61 | 0.57 | |
| 7213 | 15:09 | Run 3 | 32.80 | 2.61 | N.A. | 9.71 | 0.57 | |

Flare 3 Inlet

| | | Inlet | % | ppm | ppm | H2S | | |
|-------|-------|-------|-----------|------------|------|-----------|------|--|
| Run # | | CH4 | C2 as CH4 | C3+ as CH4 | ppmv | gr/100scf | | |
| 7214 | 11:27 | Run 1 | 31.36 | 2.26 | N.A. | 10.07 | 0.60 | |
| 7215 | 12:10 | Run 2 | 32.96 | 2.47 | N.A. | 9.73 | 0.58 | |
| 7216 | 12:50 | Run 3 | 31.12 | 2.10 | N.A. | 9.02 | 0.53 | |

Flare Microturbine Outlet CH4 & VOC Analysis (M18)

| | | Outlet | ppm | ppm | ppm | Dup. | | | limit |
|--------|-------|--------|-------|-----------|------------|---------|--------|--|-------|
| Lab ID | Time | Run # | CH4 | C2 as CH4 | C3+ as CH4 | | | | |
| 7257 | 9:11 | Run 1 | 25.31 | 2.25 | N.A. | (25.49) | (2.20) | | |
| 7258 | 9:48 | Run 2 | 30.88 | 2.32 | N.A. | -1% | 2% | | 15% |
| 7259 | 10:28 | Run 3 | 33.17 | 2.47 | N.A. | | | | |

SPS Microturbine Outlet

| | | Outlet | ppm | ppm | ppm | | | |
|-------|------|--------|------|------------|------|--|--|--|
| Run # | | CH4 | C2 | C3+ as CH4 | | | | |
| 7260 | 8:32 | Run 1 | 4.88 | 0.00 | N.A. | | | |
| 7261 | 9:09 | Run 2 | 5.18 | 0.00 | N.A. | | | |
| 7262 | 9:46 | Run 3 | 5.35 | 0.00 | N.A. | | | |

Flare Microturbine Inlet

| | | Inlet | % | ppm | ppm | | | |
|-------|-------|-------|-----------|------------|--------------|--|--|--|
| Run # | | CH4 | C2 as CH4 | C3+ as CH4 | | | | |
| 7277 | 9:11 | Run 1 | 32.48 | 2.31 | 37.27 | | | |
| 7278 | 9:48 | Run 2 | 33.63 | 2.15 | 37.54 | | | |
| 7279 | 10:28 | Run 3 | 33.11 | 2.47 | 38.49 | | | |

SPS Microturbine Inlet

| | | Inlet | % | ppm | ppm | | | |
|-------|------|-------|-----------|------------|--------------|--|--|--|
| Run # | | CH4 | C2 as CH4 | C3+ as CH4 | | | | |
| 7280 | 8:32 | Run 1 | 33.68 | 2.08 | 34.95 | | | |
| 7281 | 9:09 | Run 2 | 33.57 | 1.50 | 43.57 | | | |
| 7282 | 9:46 | Run 3 | 33.96 | 2.03 | 49.37 | | | |

| | | | |
|----------------|--------|-------|-------|
| DL | outlet | Inlet | |
| CH4 | <1 | <0.2 | ppm/% |
| C2 | <1 | <1 | ppm |
| C3+ as methane | <1 | <1 | ppm |
| H2S | | <1 | ppm |

Flare 1

2/1/2022

| Fuel Analysis-R1 inlet | |
|------------------------|--------|
| Helium | 0.03 |
| Hydrogen | 0.11 |
| Nitrogen | 33.48 |
| Oxygen | 4.69 |
| Carbon Mono | 0.00 |
| Carbon Dioxid | 25.91 |
| Methane | 32.48 |
| Ethane | 0.00 |
| Propane | 0.00 |
| Isobutane | 0.00 |
| n-Butane | 0.00 |
| Isopentane | 0.00 |
| n-Pentane | 0.00 |
| Hexanes | 0.00 |
| H2S | 0.00 |
| | |
| Fd-Factor | 10,256 |
| HHV | 329 |

| Fuel Analysis-R2 Inlet | |
|------------------------|--------|
| Helium | 0.02 |
| Hydrogen | 0.39 |
| Nitrogen | 32.40 |
| Oxygen | 4.08 |
| Carbon Mo | 0.00 |
| Carbon Dic | 26.79 |
| Methane | 33.63 |
| Ethane | 0.00 |
| Propane | 0.00 |
| Isobutane | 0.00 |
| n-Butane | 0.00 |
| Isopentane | 0.00 |
| n-Pentane | 0.00 |
| Hexanes | 0.00 |
| H2S | 0.00 |
| | |
| Fd-Factor | 10,228 |
| HHV | 341 |

| Fuel Analysis-R3 Inlet | | Average |
|------------------------|-------------------------|---------|
| Helium | 0.03 % | |
| Hydrogen | 0.11 % | |
| Nitrogen | 32.69 % | |
| Oxygen | 4.35 % | 4.37 |
| CO | 0.00 % | 0.00 |
| CO2 | 26.40 % | 26.37 |
| Methane | 33.11 % | 33.07 |
| Ethane | 0.00 % | 0.00 |
| Propane | 0.00 % | 0.00 |
| Isobutane | 0.00 % | 0.00 |
| n-Butane | 0.00 % | 0.00 |
| Isopentane | 0.00 % | 0.00 |
| n-Pentane | 0.00 % | 0.00 |
| Hexanes | 0.00 % | 0.00 |
| H2S | 0.00 % | 0.00 |
| | | |
| Fd-Factor | 10,262 dscf/MMBtu @ 70F | 10249 |
| HHV | 335 BTU/cf | 335 |

Flare 2

2/1/2022

| Fuel Analysis-R1 inlet | |
|------------------------|--------|
| Helium | 0.02 |
| Hydrogen | 0.24 |
| Nitrogen | 32.22 |
| Oxygen | 4.24 |
| Carbon Mono | 0.00 |
| Carbon Dioxid | 26.77 |
| Methane | 33.68 |
| Ethane | 0.00 |
| Propane | 0.00 |
| Isobutane | 0.00 |
| n-Butane | 0.00 |
| Isopentane | 0.00 |
| n-Pentane | 0.00 |
| Hexanes | 0.00 |
| H2S | 0.00 |
| | |
| Fd-Factor | 10,244 |
| HHV | 341 |

| Fuel Analysis-R2 Inlet | |
|------------------------|--------|
| Helium | 0.02 |
| Hydrogen | 0.07 |
| Nitrogen | 32.33 |
| Oxygen | 4.37 |
| Carbon Mo | 0.00 |
| Carbon Dic | 26.65 |
| Methane | 33.57 |
| Ethane | 0.00 |
| Propane | 0.00 |
| Isobutane | 0.00 |
| n-Butane | 0.00 |
| Isopentane | 0.00 |
| n-Pentane | 0.00 |
| Hexanes | 0.00 |
| H2S | 0.00 |
| | |
| Fd-Factor | 10,240 |
| HHV | 339 |

| Fuel Analysis-R3 Inlet | | Average |
|------------------------|-------------------------|---------|
| Helium | 0.02 % | 0.02 |
| Hydrogen | 0.21 % | 0.17 |
| Nitrogen | 31.84 % | 32.13 |
| Oxygen | 4.15 % | 4.25 |
| Carbon Mo | 0.00 % | 0.00 |
| Carbon Dic | 26.90 % | 26.77 |
| Methane | 33.96 % | 33.74 |
| Ethane | 0.00 % | 0.00 |
| Propane | 0.00 % | 0.00 |
| Isobutane | 0.00 % | 0.00 |
| n-Butane | 0.00 % | 0.00 |
| Isopentane | 0.00 % | 0.00 |
| n-Pentane | 0.00 % | 0.00 |
| Hexanes | 0.00 % | 0.00 |
| H2S | 0.00 % | 0.00 |
| | | |
| Fd-Factor | 10,243 dscf/MMBtu @ 70F | 10242 |
| HHV | 344 BTU/cf | 341 |

Flare 3

2/1/2022

| Fuel Analysis-R1 inlet | |
|------------------------|--------|
| Helium | 0.02 |
| Hydrogen | 0.19 |
| Nitrogen | 31.19 |
| Oxygen | 4.09 |
| Carbon Mono | 0.00 |
| Carbon Dioxid | 27.07 |
| Methane | 34.37 |
| Ethane | 0.00 |
| Propane | 0.00 |
| Isobutane | 0.00 |
| n-Butane | 0.00 |
| Isopentane | 0.00 |
| n-Pentane | 0.00 |
| Hexanes | 0.00 |
| H2S | 0.00 |
| | |
| Fd-Factor | 10,233 |
| HHV | 348 |

| Fuel Analysis-R2 Inlet | |
|------------------------|--------|
| Helium | 0.01 |
| Hydrogen | 0.08 |
| Nitrogen | 33.20 |
| Oxygen | 4.74 |
| Carbon Mo | 0.00 |
| Carbon Dic | 26.00 |
| Methane | 32.97 |
| Ethane | 0.00 |
| Propane | 0.00 |
| Isobutane | 0.00 |
| n-Butane | 0.00 |
| Isopentane | 0.00 |
| n-Pentane | 0.00 |
| Hexanes | 0.00 |
| H2S | 0.00 |
| | |
| Fd-Factor | 10,227 |
| HHV | 333 |

| Fuel Analysis-R3 Inlet | | Average |
|------------------------|-------------------------|---------|
| Helium | 0.02 % | 0.02 |
| Hydrogen | 0.26 % | 0.17 |
| Nitrogen | 33.02 % | 32.47 |
| Oxygen | 4.44 % | 4.42 |
| Carbon Mo | 0.00 % | 0.00 |
| Carbon Dic | 26.60 % | 26.56 |
| Methane | 32.17 % | 33.17 |
| Ethane | 0.00 % | 0.00 |
| Propane | 0.00 % | 0.00 |
| Isobutane | 0.00 % | 0.00 |
| n-Butane | 0.00 % | 0.00 |
| Isopentane | 0.00 % | 0.00 |
| n-Pentane | 0.00 % | 0.00 |
| Hexanes | 0.00 % | 0.00 |
| H2S | 0.00 % | 0.00 |
| | | |
| Fd-Factor | 10,374 dscf/MMBtu @ 70F | 10278 |
| HHV | 326 BTU/cf | 336 |

Flare Microturbine 2/2/2022

Fuel Analysis-R1 inlet

| | |
|---------------|-------|
| Helium | 0.03 |
| Hydrogen | 0.16 |
| Nitrogen | 35.68 |
| Oxygen | 4.16 |
| Carbon Mono | 0.00 |
| Carbon Dioxid | 26.11 |
| Methane | 33.90 |
| Ethane | 0.00 |
| Propane | 0.00 |
| Isobutane | 0.00 |
| n-Butane | 0.00 |
| Isopentane | 0.00 |
| n-Pentane | 0.00 |
| Hexanes | 0.00 |
| H2S | 0.00 |

| | |
|-----------|--------|
| Fd-Factor | 10,034 |
| HHV | 343 |

Fuel Analysis-R2 Inlet

| | |
|------------|-------|
| Helium | 0.01 |
| Hydrogen | 0.18 |
| Nitrogen | 33.72 |
| Oxygen | 4.60 |
| Carbon Mo | 0.00 |
| Carbon Dic | 26.49 |
| Methane | 32.01 |
| Ethane | 0.00 |
| Propane | 0.00 |
| Isobutane | 0.00 |
| n-Butane | 0.00 |
| Isopentane | 0.00 |
| n-Pentane | 0.00 |
| Hexanes | 0.00 |
| H2S | 0.00 |

| | |
|-----------|--------|
| Fd-Factor | 10,321 |
| HHV | 324 |

Fuel Analysis-R3 Inlet

| | | |
|------------|-------|---|
| Helium | 0.32 | % |
| Hydrogen | 0.14 | % |
| Nitrogen | 35.90 | % |
| Oxygen | 4.53 | % |
| Carbon Mo | 0.00 | % |
| Carbon Dic | 25.69 | % |
| Methane | 32.80 | % |
| Ethane | 0.00 | % |
| Propane | 0.00 | % |
| Isobutane | 0.00 | % |
| n-Butane | 0.00 | % |
| Isopentane | 0.00 | % |
| n-Pentane | 0.00 | % |
| Hexanes | 0.00 | % |
| H2S | 0.00 | % |

| | | |
|-----------|--------|------------------|
| Fd-Factor | 10,347 | dscf/MMBtu @ 70F |
| HHV | 327 | BTU/cf |

| |
|-------|
| 0.12 |
| 0.16 |
| 35.10 |
| 4.43 |
| 0.00 |
| 26.10 |
| 32.90 |
| 0.00 |
| 0.00 |
| 0.00 |
| 0.00 |
| 0.00 |
| 0.00 |
| 0.00 |
| 0.00 |

| |
|-------|
| 10234 |
| 331 |

SPS Microturbine 2/2/2022

Fuel Analysis-R1 inlet

| | |
|---------------|-------|
| Helium | 0.02 |
| Hydrogen | 0.08 |
| Nitrogen | 34.53 |
| Oxygen | 4.85 |
| Carbon Mono | 0.00 |
| Carbon Dioxid | 26.21 |
| Methane | 31.36 |
| Ethane | 0.00 |
| Propane | 0.00 |
| Isobutane | 0.00 |
| n-Butane | 0.00 |
| Isopentane | 0.00 |
| n-Pentane | 0.00 |
| Hexanes | 0.00 |
| H2S | 0.00 |

| | |
|-----------|--------|
| Fd-Factor | 10,328 |
| HHV | 317 |

Fuel Analysis-R2 Inlet

| | |
|------------|-------|
| Helium | 0.01 |
| Hydrogen | 0.43 |
| Nitrogen | 34.09 |
| Oxygen | 4.73 |
| Carbon Mo | 0.00 |
| Carbon Dic | 26.50 |
| Methane | 32.96 |
| Ethane | 0.00 |
| Propane | 0.00 |
| Isobutane | 0.00 |
| n-Butane | 0.00 |
| Isopentane | 0.00 |
| n-Pentane | 0.00 |
| Hexanes | 0.00 |
| H2S | 0.00 |

| | |
|-----------|--------|
| Fd-Factor | 10,116 |
| HHV | 334 |

Fuel Analysis-R3 Inlet

| | | |
|------------|-------|---|
| Helium | 0.02 | % |
| Hydrogen | 0.25 | % |
| Nitrogen | 35.12 | % |
| Oxygen | 5.04 | % |
| Carbon Mo | 0.00 | % |
| Carbon Dic | 25.95 | % |
| Methane | 31.12 | % |
| Ethane | 0.00 | % |
| Propane | 0.00 | % |
| Isobutane | 0.00 | % |
| n-Butane | 0.00 | % |
| Isopentane | 0.00 | % |
| n-Pentane | 0.00 | % |
| Hexanes | 0.00 | % |
| H2S | 0.00 | % |

| | | |
|-----------|--------|------------------|
| Fd-Factor | 10,291 | dscf/MMBtu @ 70F |
| HHV | 315 | BTU/cf |

| |
|-------|
| 0.02 |
| 0.25 |
| 34.58 |
| 4.87 |
| 0.00 |
| 26.22 |
| 31.81 |
| 0.00 |
| 0.00 |
| 0.00 |
| 0.00 |
| 0.00 |
| 0.00 |
| 0.00 |
| 0.00 |

| |
|-------|
| 10245 |
| 322 |

GC/FID/FPD/TCD: SRI 8610C
 Column: 3 foot Haysep D, 60M capillary, 12' 13x Packed column
 Chromatic integration: Peak444 Peaksimple by SRI
 Gas Standards: Proane in Air Methane calibration curve (3:1)
 H2S in N2
 LFG gas standard in Methane

H2S Calibrations
GC/FPD

BEST ENVIRONMENTAL

Livermore, CA 925 455-9474

Facility: City of Mt. View Source: LFG Flare

Test Date: 2/1 & 2/2/22 Lab Personnel: BA

Analysis Date: 2/2 & 2/3/22

H2S QA/QC

| | | | |
|--|---------------|--|-------|
| | Initial blank | | limit |
| | ND | | DL |

| | | | |
|------------|-------------|---------|--|
| 170ppm cal | initial cal | AREA CT | |
| 2/1/2022 | 170 | 3228 | |
| | 17 | 32.5 | |
| | | | |

| | | | |
|---------------|-----------------------------|--|--------|
| | Cal difference-3 injections | | limit |
| | 175 | | |
| | 181 | | |
| | 180 | | |
| average | 178.67 | | |
| Deviation | 3.21 | | |
| % diff (dev.) | 1.80 | | <5 |
| % recovery | 105.10 | | 85-115 |

| | |
|-----------------|----|
| Detection Limit | ND |
| H2S ppm | <1 |
| | |
| | |

M18 Calibrations

BEST ENVIRONMENTAL

Livermore, CA 925 455-9474

EPA Method 18 QA/QC Results
methane calibration curve using propane in air

Facility: City of Mt. View

Source: LFG Flare

Test Date: 2/1 & 2/2/22

Lab Personnel: BA

Analysis Date: 2/2 & 2/3/22

Cal Curve Date: 2-1-22

| | | | | |
|--|---------------|-------|------|-------|
| | 26.88 | 45.36 | 90.6 | |
| | Initial blank | | | limit |
| | ND | ND | ND | DL |

| | | | | |
|----------|------------------------|-------|-------|--|
| | initial cal AS METHANE | | | |
| conc. | 26.88 | 45.3 | 90.6 | |
| area ct. | 6.54 | 11.74 | 21.67 | |

| | | | | |
|---------------|-------------------------------|-------------|-------------|--------------|
| | 3 point Cal-3 injections each | | | limit |
| | 25.37 | 45.3 | 83.75 | |
| | 25.27 | 45.38 | 83.79 | |
| | 25.39 | 45.8 | 84.2 | |
| average | 25.34 | 45.49 | 83.91 | |
| Deviation | 0.06 | 0.27 | 0.25 | |
| % diff | 0.25 | 0.59 | 0.30 | <5 |

| | | | |
|------------------------------------|-------------|--|-----|
| Additional Caibration Check | | | |
| Cal value | 4509 | | |
| Response | 4235 | | |
| % Diff. | 6.08 | | <15 |

| | | | | |
|---------------|-------------|-------------|-------------|----------------|
| | post cal | | | limit |
| | 26.88 | 45.3 | 90.6 | |
| | 25.01 | 44.96 | 83.63 | |
| % diff | 6.96 | 0.75 | 7.69 | <15% |



Making our world
more productive



Linde Gas & Equipment Inc.
ISO 9001 Registered
37256 Highway 30
Geismar, LA 70734
Tel: 225-677-7700
Fax: 225-673-3531

Customer & Order Information:

LGEPKG FREMONT CA HP
41446 CHRISTY STREET,
FREMONT, CA 94538-5105
Linde Order Number: 71954931
Customer PO Number: 79956654

Certificate Issuance Date: 1/27/2022

Certification Date: 1/27/2022
Lot Number: 70340 2026 6J
Part Number: HE BU100X2C-A3
DocNumber: 482274
Expiration Date: 1/26/2024

CERTIFICATE OF ANALYSIS
Certified Standard

| Component | Requested Concentration (Molar) | Certified Concentration (Molar) | Analytical Reference | Analytical Uncertainty |
|-----------|---------------------------------|---------------------------------|----------------------|------------------------|
| Butane | 100 ppm | 96.0 ppm | 1 | ± 2 % |
| Ethane | 100 ppm | 95.5 ppm | 1 | ± 2 % |
| n-Hexane | 100 ppm | 91.9 ppm | 1 | ± 2 % |
| Methane | 100 ppm | 99.4 ppm | 1 | ± 2 % |
| n-Pentane | 100 ppm | 93.7 ppm | 1 | ± 2 % |
| Propane | 100 ppm | 97.6 ppm | 1 | ± 2 % |
| Helium | 99.94 % | 99.94259 % | 2 | N/A |

Cylinder Style: A3
Cylinder Pressure @ 70 F: 1200 psig
Cylinder Volume: 16.5 ft³
Valve Outlet Connection: CGA 350
Cylinder Number(s): EX0013583

Fill Date: 1/26/2022
Analysis Date: 1/26/2022

Filling Method: Gravimetric

Analyst: Craig Billiot

QA Reviewer: Kristen Hanna

Key to Analytical Techniques:

| Reference | Analytical Instrument - Analytical Principle |
|-----------|--|
| 1 | Agilent 7890B - Gas Chromatography with FID |
| 2 | N/A - By Difference of Other Components |

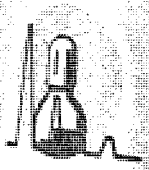
The gas calibration cylinder standard prepared by Linde Gas & Equipment Inc. is considered a certified standard. It is prepared by gravimetric, volumetric, or partial pressure techniques. The calibration standard provided is certified against Linde Gas & Equipment Inc. Reference Materials which are traceable to the International System of Units (SI) through either weights traceable to the National Institute of Standards and Technology (NIST) or Measurement Canada, or through NIST Standard Reference Materials or equivalent where available.

Note: All expressions for concentration (e.g., % or ppm) are for gas phase, by mole unless otherwise noted. Analytical uncertainty is expressed as a Relative % unless otherwise noted.

IMPORTANT

The information contained herein has been prepared at your request by personnel within Linde Gas & Equipment Inc. While we believe the information is accurate within the limits of the analytical methods employed and is complete to the extent of the specific analyses performed, we make no warranty or representation as to the suitability of the use of the information for any particular purpose. The information is offered with the understanding that any use of the information is at the sole discretion and risk of the user. In no event shall liability of Linde Gas & Equipment Inc. arising out of the use of the information contained herein exceed the fee established for providing such information.

USE NO. 01



CALIBER GAS MIXTURE

GAS COMPOSITION

| Components | Quantity |
|-----------------|----------|
| Hydrogen | 1.00% |
| Oxygen | 1.00% |
| Nitrogen | 2.00% |
| Carbon Monoxide | |
| Carbon Dioxide | |
| Methane | |

Part Number: P1035VMLF
 Volume: 34 Liters @ 500 psi
 Purity: 2% Certified Standard
 Recommended Shelf Life: 3 Years



MESA Specialty Gases
 TEL: (800) 450-0000
 email: mail@mesa.com
 www.mesa.com



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DocNumber: 444964



Linde Gas & Equipment Inc.
5700 S. Alameda Street
Los Angeles CA 90058
Tel: 323-585-2154
Fax: 714-542-6689
PGVP ID: F22022

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information

BEST ENVIRONMENTAL SERVICES
339 STEALTH CT
LIVERMORE CA 94551

Certificate Issuance Date: 01/06/2022

Linde Order Number: 59001704

Part Number: EV NIHS170ME-AS

Customer PO Number: 32

Fill Date: 12/09/2021

Lot Number: 70086134305

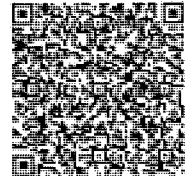
Cylinder Style & Outlet: AS CGA 330

Cylinder Pressure and Volume: 2000 psig 140 ft3

Certified Concentration

ProSpec EZ Cert

| | | |
|------------------|------------------|----------------------|
| Expiration Date: | 01/05/2025 | NIST Traceable |
| Cylinder Number: | SA4842 | Expanded Uncertainty |
| 171 ppm | Hydrogen sulfide | ± 2 ppm |
| Balance | Nitrogen | |



Certification Information:

Certification Date: 01/05/2022

Term: 36 Months

Expiration Date: 01/05/2025

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1. Uncertainty above is expressed as absolute expanded uncertainty at a level of confidence of approximately 95% with a coverage factor k = 2. Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data:

(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1. Component: Hydrogen sulfide

Requested Concentration: 170 ppm

Certified Concentration: 171 ppm

Instrument Used: Ametek Series 9900 S/N ZW-9900-S1330-1

Analytical Method: UV Spectrometry

Last Multipoint Calibration: 12/30/2021

Reference Standard: Type / Cylinder #: GMIS / DT0009254

Concentration / Uncertainty: 251 ppm ±2 ppm

Expiration Date: 07/17/2024

Traceable to: SRM # / Sample # / Cylinder #: PRM / C2103401 / D587474

SRM Concentration / Uncertainty: 400.4 ppm / ±3.2 ppm

SRM Expiration Date: 05/20/2024

| First Analysis Data: | | | | Date |
|----------------------|-----|-------|-----|--------------------------|
| Z: | 0 | R: | 251 | 12/29/2021 |
| C: | 172 | Conc: | 172 | |
| R: | 251 | Z: | 0 | |
| C: | 171 | Conc: | 171 | |
| Z: | 0 | C: | 173 | |
| R: | 252 | Conc: | 173 | |
| UOM: ppm | | | | Mean Test Assay: 172 ppm |

| Second Analysis Data: | | | | Date |
|-----------------------|-----|-------|-----|--------------------------|
| Z: | 0 | R: | 251 | 01/05/2022 |
| C: | 171 | Conc: | 171 | |
| R: | 251 | Z: | 0 | |
| C: | 171 | Conc: | 171 | |
| Z: | 0 | C: | 171 | |
| R: | 251 | Conc: | 171 | |
| UOM: ppm | | | | Mean Test Assay: 171 ppm |

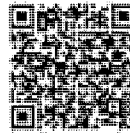
Analyzed By

Jose Vasquez

Certified By

Amalia Real

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CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information

BEST ENVIRONMENTAL SERVICES
339 STEALTH CT
LIVERMORE CA 94651

Certificate Issuance Date: 03/20/2020

Praxair Order Number: 11928418
Part Number: AI PR1500E-AS
Customer PO Number: 9064

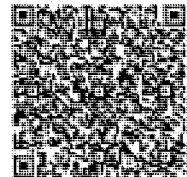
Fill Date: 03/12/2020

Lot Number: 7008607206
Cylinder Style & Outlet: AS CGA 590
Cylinder Pressure and Volume: 2000 psig 140 ltr

Certified Concentration

ProSpec EZ Cert

| | | |
|------------------|------------|----------------------|
| Expiration Date: | 03/20/2028 | NIST Traceable |
| Cylinder Number: | DT0029125 | Expanded Uncertainty |
| 1503 ppm | Propane | ± 0.6 % |
| Balance | Air | |



Certification Information:

Certification Date: 03/20/2020

Term: 96 Months

Expiration Date: 03/20/2028

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-800/R-12/531, using Procedure G1.
Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data:

(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1. Component:

Propane

Requested Concentration: 1500 ppm
Certified Concentration: 1503 ppm
Instrument Used: Horiba FIA-510, 851436122
Analytical Method: FID Total Hydrocarbon Analyzer
Last Multipoint Calibration: 03/20/2020

Reference Standard: Type / Cylinder #: GMIS / CC257728

Concentration / Uncertainty: 2487 ppm ±0.531%

Expiration Date: 02/09/2025

Traceable to: SRM # / Sample # / Cylinder #: SRM 2847a / 104-C-21 / XF003205B

SRM Concentration / Uncertainty: 2487 PPM / ±13.0 PPM

SRM Expiration Date: 05/02/2024

| First Analysis Data: | | Date | |
|----------------------|------------------|---------|------------|
| Z: 0 | R: 7440 | C: 4480 | Conc: 1501 |
| R: 7460 | Z: 0 | C: 4490 | Conc: 1504 |
| Z: 0 | C: 4490 | R: 7460 | Conc: 1504 |
| UOM: ppm | Mean Test Assay: | 1503 | ppm |

| Second Analysis Data: | | Date | |
|-----------------------|------------------|------|---------|
| Z: 0 | R: 0 | C: 0 | Conc: 0 |
| R: 0 | Z: 0 | C: 0 | Conc: 0 |
| Z: 0 | C: 0 | R: 0 | Conc: 0 |
| UOM: ppm | Mean Test Assay: | | ppm |

Analyzed By

Jose Vasquez

Certified By

Jenna Lockman

THC
4509
ppm

DocNumber: 405534



Praxair Distribution, Inc.
6700 S. Alameda Street
Los Angeles CA 90058
Tel: 323-585-2154
Fax: 714-542-6689
PGVP ID: F22021

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information:

BEST ENVIRONMENTAL SERVICES
339 STEALTH CT
LIVERMORE CA 94551

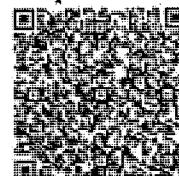
Certificate Issuance Date: 03/11/2021
Praxair Order Number: 36989506
Part Number: EV AIPR30ME-A6
Customer PO Number: 6

Fill Date: 02/25/2021
Lot Number: 70086105606
Cylinder Style & Outlet: AS CGA-590
Cylinder Pressure and Volume: 2000 psig 140 ft3

Certified Concentration

ProSpec EZ Cert

| | | |
|------------------|------------|----------------------|
| Expiration Date: | 03/10/2029 | NIST Traceable: |
| Cylinder Number: | CC106420 | Expanded Uncertainty |
| 30.2 ppm | Propane | ± 0.1 ppm |
| Balance | Air | |



Certification Information:

Certification Date: 03/10/2021 Term: 96 Months Expiration Date: 03/10/2029

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/631, using Procedure G1. Uncertainty above is expressed as absolute expanded uncertainty at a level of confidence of approximately 95% with a coverage factor k = 2. Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data:

(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1. Component: Propane
Requested Concentration: 30 ppm
Certified Concentration: 30.2 ppm
Instrument Used: Horiba FIA-510, 851136122
Analytical Method: FID Total Hydrocarbon Analyzer
Last Multipoint Calibration: 03/05/2021

Reference Standard: Type / Cylinder #: GMIS / CC302220
Concentration / Uncertainty: 50.88 ppm ±0.13 ppm
Expiration Date: 07/06/2023
Traceable to: SRM # / Sample # / Cylinder #: SRM 1667b / 83-J-17 / CAL017783
SRM Concentration (enter with units): 48.83 ppm / ±0.11 ppm
SRM Expiration Date: 08/17/2017

| First Analysis Data: | | | | Date | | | |
|----------------------|-------|------------------|-------|------|-------|-------|------|
| Z: | 0 | R: | 136.8 | C: | 51.5 | Conc: | 30.2 |
| R: | 136.8 | Z: | 0 | C: | 51.5 | Conc: | 30.3 |
| Z: | 0 | C: | 81.7 | R: | 136.9 | Conc: | 30.3 |
| UOM: | ppm | Mean Test Assay: | | 30.2 | ppm | | |

| Second Analysis Data: | | | | Date | | | |
|-----------------------|-----|------------------|---|------|-----|-------|---|
| Z: | 0 | R: | 0 | C: | 0 | Conc: | 0 |
| R: | 0 | Z: | 0 | C: | 0 | Conc: | 0 |
| Z: | 0 | C: | 0 | R: | 0 | Conc: | 0 |
| UOM: | ppm | Mean Test Assay: | | | ppm | | |

Analyzed By

Jose Vasquez

Certified By

Anhalla Reed

CH₄
90.6 ppm

DocNumber: 411093



Praxair Distribution, Inc.
 5700 S. Alameda Street
 Los Angeles CA 90058
 Tel: 323-585-2154
 Fax: 714-542-6689
 PGVP ID: F22021

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information

TESLA INC
 47700 KATO RD
 FREMONT CA 94538

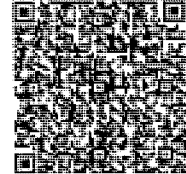
Certificate Issuance Date: 05/27/2021
 Praxair Order Number: 42827444
 Part Number: AI PR9ME-AS
 Customer PO Number: 4900225193

Fill Date: 05/20/2021
 Lot Number: 70086114010
 Cylinder Style & Outlet: AS CGA 590
 Cylinder Pressure and Volume: 2000 psig 140 ft3

Certified Concentration

| | | |
|------------------|------------|----------------------|
| Expiration Date: | 05/27/2029 | NIST Traceable |
| Cylinder Number: | DT0027824 | Expanded Uncertainty |
| 8.96 ppm | Propane | ± 0.04 ppm |
| Balance | Air | |

ProSpec EZ Cert



Certification Information:

Certification Date: 05/27/2021 Term: 96 Months Expiration Date: 05/27/2029

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-800/R-12/531, using Procedure G1. Uncertainty above is expressed as absolute expanded uncertainty at a level of confidence of approximately 95% with a coverage factor k = 2. Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data:

(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1. Component: Propane

Requested Concentration: 9 ppm
 Certified Concentration: 8.96 ppm
 Instrument Used: Horba FIA-510, 851135122
 Analytical Method: FID Total Hydrocarbon Analyzer
 Last Multipoint Calibration: 05/05/2021

Reference Standard: Type / Cylinder #: GMS / CC130474
 Concentration / Uncertainty: 9.952 ppm ±0.035 ppm
 Expiration Date: 10/16/2023
 Traceable to: SRM # / Sample # / Cylinder #: SRM 1668b / 84-K-35 / FF10676
 SRM Concentration (enter with units) / 9.888 ppm / ±0.032 ppm
 SRM Expiration Date: 10/05/2019

| First Analysis Data: | | | | Date | | | | | |
|----------------------|-------|------------------|-------|------|-------|-------|------|------|------------|
| Z: | 0 | R: | 12.44 | C: | 11.21 | Conc: | 8.96 | Date | 05/27/2021 |
| R: | 12.44 | Z: | 0 | C: | 11.22 | Conc: | 8.97 | | |
| Z: | 0 | C: | 11.2 | R: | 12.46 | Conc: | 8.96 | | |
| UOM: | ppm | Mean Test Assay: | 8.96 | ppm | | | | | |

| Second Analysis Data: | | | | Date | | | | | |
|-----------------------|-----|------------------|---|------|---|-------|---|------|--|
| Z: | 0 | R: | 0 | C: | 0 | Conc: | 0 | Date | |
| R: | 0 | Z: | 0 | C: | 0 | Conc: | 0 | | |
| Z: | 0 | C: | 0 | R: | 0 | Conc: | 0 | | |
| UOM: | ppm | Mean Test Assay: | | ppm | | | | | |

Analyzed By

Jose Vasquez

Certified By

Amalia Real

26.88 ppm
 CH4



CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information

PXPKG FREMONT CA HP
 41446 CHRISTY STREET
 FREMONT CA 94538-5105

Certificate Issuance Date: 01/15/2021

Praxair Order Number: 71548852

Part Number: EV AIPR16ME-AS

Customer PO Number: 79542628

Fill Date: 01/15/2021

Lot Number: 70086038406

Cylinder Style & Outlet: AS

CGA 590

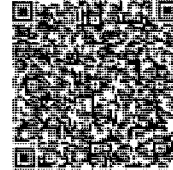
Cylinder Pressure and Volume: 2000 psig

140 ft3

Certified Concentration

| | | |
|------------------|------------|----------------------|
| Expiration Date: | 01/15/2029 | NIST Traceable |
| Cylinder Number: | ALM-038306 | Expanded Uncertainty |
| 15.1 ppm | Propane | ± 0.1 ppm |
| Balance | Air | |

ProSpec EZ Cert



Certification Information:

Certification Date: 01/15/2021

Term: 96 Months

Expiration Date: 01/15/2029

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1. Uncertainty above is expressed as absolute expanded uncertainty at a level of confidence of approximately 95% with a coverage factor k = 2. Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data:

(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1. Component: Propane

Requested Concentration: 15 ppm
 Certified Concentration: 15.1 ppm
 Instrument Used: MKS Multigas 2031 FTIR
 Analytical Method: FTIR
 Last Multipoint Calibration: 12/22/2020

Reference Standard: Type / Cylinder #: GMS / CC130474
 Concentration / Uncertainty: 9.952 ppm ± 0.035 ppm
 Expiration Date: 10/18/2023

Traceable to: SRM # / Sample # / Cylinder #: SRM 1888b / 84-K-35 / FF10676
 SRM Concentration / Uncertainty: 9.888 ppm / ± 0.032 ppm
 SRM Expiration Date: 10/05/2019

| First Analysis Data: | | | | Date | | | | |
|----------------------|-------|----|------------------|------|-------|-------|------|------------|
| Z: | 0 | R: | 10.91 | C: | 16.57 | Conc: | 15.1 | 01/15/2021 |
| R: | 10.91 | Z: | 0 | C: | 16.57 | Conc: | 15.1 | |
| Z: | 0 | C: | 16.57 | R: | 10.91 | Conc: | 15.1 | |
| UOM: | ppm | | Mean Test Assay: | 15.1 | | ppm | | |

| Second Analysis Data: | | | | Date | | | | |
|-----------------------|-----|----|------------------|------|---|-------|---|--|
| Z: | 0 | R: | 0 | C: | 0 | Conc: | 0 | |
| R: | 0 | Z: | 0 | C: | 0 | Conc: | 0 | |
| Z: | 0 | C: | 0 | R: | 0 | Conc: | 0 | |
| UOM: | ppm | | Mean Test Assay: | | | ppm | | |

Analyzed By: Amalia Real

Certified By: Ying Yu

45.3 ppm CH₄

Project ID: City Mt View BEST Env
 SAMPLE CHAIN OF CUSTODY
 BE PROJECT MANAGER: B Johnston

| # | DATE | TIME | ANALYTICAL LAB: | SAMPLE ID | CONTAINER | VOLUME | STORAGE | METHOD | ANALYSIS |
|---|--------|------|-----------------------------|-------------|-----------|--------|----------------------------|--|----------|
| | | | Run#/Method/Fraction/Source | size / type | Temp °F | | | | |
| 1 | 2/1/22 | 959 | Flare 1, Inlet R1 | Tedlar bag | 10L | Amb | M18, ASTM 1945, ASTM D6228 | CH4, Fixed Cmpounds, HHV, BTU, F factor, Sulfurs | |
| 2 | 2/1/22 | 1037 | Flare 1, Inlet R2 | Tedlar bag | 10L | Amb | M18, ASTM 1945, ASTM D6229 | CH4, Fixed Cmpounds, HHV, BTU, F factor, Sulfurs | |
| 3 | 2/1/22 | 1115 | Flare 1, Inlet R3 | Tedlar bag | 10L | Amb | M18, ASTM 1945, ASTM D6230 | CH4, Fixed Cmpounds, HHV, BTU, F factor, Sulfurs | |
| 4 | 2/1/22 | 1200 | Flare 2, Inlet R1 | Tedlar bag | 10L | Amb | M18, ASTM 1945, ASTM D6231 | CH4, Fixed Cmpounds, HHV, BTU, F factor, Sulfurs | |
| 5 | 2/1/22 | 1238 | Flare 2, Inlet R2 | Tedlar bag | 10L | Amb | M18, ASTM 1945, ASTM D6232 | CH4, Fixed Cmpounds, HHV, BTU, F factor, Sulfurs | |
| 6 | 2/1/22 | 1316 | Flare 2, Inlet R3 | Tedlar bag | 10L | Amb | M18, ASTM 1945, ASTM D6233 | CH4, Fixed Cmpounds, HHV, BTU, F factor, Sulfurs | |
| 7 | 2/1/22 | 1415 | Flare 3, Inlet R1 | Tedlar bag | 10L | Amb | M18, ASTM 1945, ASTM D6234 | CH4, Fixed Cmpounds, HHV, BTU, F factor, Sulfurs | |
| 8 | 2/1/22 | 1453 | Flare 3, Inlet R2 | Tedlar bag | 10L | Amb | M18, ASTM 1945, ASTM D6235 | CH4, Fixed Cmpounds, HHV, BTU, F factor, Sulfurs | |
| 9 | 2/1/22 | 1532 | Flare 3, Inlet R3 | Tedlar bag | 10L | Amb | M18, ASTM 1945, ASTM D6236 | CH4, Fixed Cmpounds, HHV, BTU, F factor, Sulfurs | |

SPECIAL INSTRUCTIONS:

273

Relinquished by: _____ Received by: WJR Date: 2-3-22 Time: 11 AM

Relinquished by: _____ Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Received by: _____ Date: _____ Time: _____

SAMPLE CONDITION AS RECEIVED: OK or not OK

BEST ENVIRONMENTAL 339 STEALTH COURT, LIVERMORE CA. 94551

Relinquished by: _____

Project ID: City Mt View **SAMPLE CHAIN OF CUSTODY** **BE PROJECT MANAGER: B Johnston**

| Analytical Lab: BEST Env | | SAMPLE ID | | CONTAINER size / type | Volume | Storage Temp °F | Method | ANALYSIS |
|--------------------------|------|-----------------------------|------------|-----------------------|--------|-----------------|---|----------|
| DATE | TIME | Run#/Method/Fraction/Source | | | | | | |
| 2/2/22 | 913 | S-17, Inlet, R1 7280 | Tedlar bag | 10L | Amb | M18, ASTM 1945 | CH4, NMOC, Fixed Cmpounds, HHV, BTU, F factor | |
| 2/2/22 | 948 | S-17, Inlet, R2 7281 | Tedlar bag | 10L | Amb | M18, ASTM 1945 | CH4, NMOC, Fixed Cmpounds, HHV, BTU, F factor | |
| 2/2/22 | 1028 | S-17, Inlet, R3 7282 | Tedlar bag | 10L | Amb | M18, ASTM 1945 | CH4, NMOC, Fixed Cmpounds, HHV, BTU, F factor | |
| 2/2/22 | 913 | S-17, Outlet, R1 7260 | Tedlar bag | 10L | Amb | M18 | CH4 | |
| 2/2/22 | 948 | S-17, Outlet, R2 7261 | Tedlar bag | 10L | Amb | M18 | CH4 | |
| 2/2/22 | 1028 | S-17, Outlet, R3 7262 | Tedlar bag | 10L | Amb | M18 | CH4 | |
| 2/2/22 | 1128 | S-16, Inlet, R1 7279 | Tedlar bag | 10L | Amb | M18, ASTM 1945 | CH4, NMOC, Fixed Cmpounds, HHV, BTU, F factor | |
| 2/2/22 | 1204 | S-16, Inlet, R2 7276 | Tedlar bag | 10L | Amb | M18, ASTM 1945 | CH4, NMOC, Fixed Cmpounds, HHV, BTU, F factor | |
| 2/2/22 | 1240 | S-16, Inlet, R3 7281 | Tedlar bag | 10L | Amb | M18, ASTM 1945 | CH4, NMOC, Fixed Cmpounds, HHV, BTU, F factor | |
| 2/2/22 | 1128 | S-16, Outlet, R1 7251 | Tedlar bag | 10L | Amb | M18 | CH4 | |
| 2/2/22 | 1204 | S-16, Outlet, R2 7253 | Tedlar bag | 10L | Amb | M18 | CH4 | |
| 2/2/22 | 1240 | S-16, Outlet, R3 7254 | Tedlar bag | 10L | Amb | M18 | CH4 | |

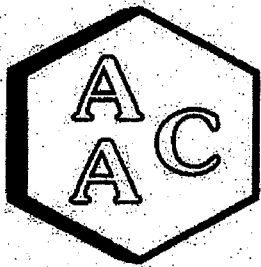
SPECIAL INSTRUCTIONS:

273

Results to: Attn: BEST ENVIRONMENTAL 339 STEALTH COURT, LIVERMORE CA. 94551

Relinquished by: _____ Received by: _____ Date: 2-3-22 Time: 11 AM
 Relinquished by: _____ Received by: _____ Date: _____ Time: _____
 Relinquished by: WRJ Received by: _____ Date: _____ Time: _____

SAMPLE CONDITION AS RECEIVED: OK or not OK



Atmospheric Analysis & Consulting, Inc.

CLIENT : Best Environmental
PROJECT NAME : City Mt View Landfill
AAC PROJECT NO. : 220321
REPORT DATE : 2/21/2022

On February 14, 2022, Atmospheric Analysis & Consulting, Inc. received three (3) Six-Liter Summa Canisters for AP-42 analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

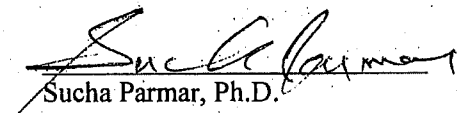
| Client ID | Lab ID | Return Pressure (mmHg) |
|-------------|--------------|------------------------|
| Flare 1 LFG | 220321-27942 | 782.7 |
| Flare 2 LFG | 220321-27943 | 781.3 |
| Flare 3 LFG | 220321-27944 | 773.2 |

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aacalab.com.

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.

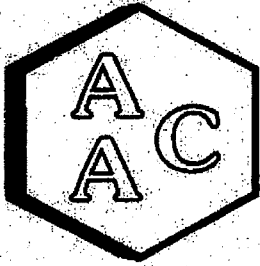
The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

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 8 pages.





Atmospheric Analysis & Consulting, Inc

Laboratory Analysis Report

CLIENT : Best Environmental
 PROJECT NO : 220321
 MATRIX : AIR
 UNITS : PPB (v/v)

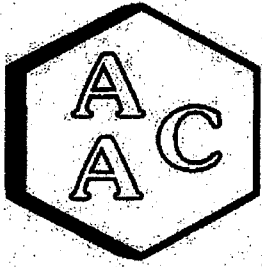
DATE RECEIVED : 02/14/2022
 DATE REPORTED : 02/21/2022
 ANALYST : MB/RC

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| Client ID AAC ID | Flare 1 LFG | | | Sample Reporting Limit (SRL) (MRLxDF's) | Flare 2 LFG | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|-------------------------------|--------------|------------|-------------|---|--------------|------------|-------------|---|------------------------------|
| | 220321-27942 | 02/01/2022 | | | 220321-27943 | 02/18/2022 | | | |
| Date Analyzed | 02/18/2022 | | | | 02/18/2022 | | | | |
| Can Dilution Factor | 1.31 | | | | 1.32 | | | | |
| Compound | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | 127 | | 25 | 16.4 | 156 | | 25 | 16.5 | 0.50 |
| Dichlorodifluoromethane | 111 | | 25 | 16.4 | 137 | | 25 | 16.5 | 0.50 |
| Chloromethane | <SRL | U | 25 | 16.4 | <SRL | U | 25 | 16.5 | 0.50 |
| Vinyl Chloride | 211 | | 25 | 16.4 | 239 | | 25 | 16.5 | 0.50 |
| Chloroethane | <SRL | U | 25 | 16.4 | <SRL | U | 25 | 16.5 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 25 | 16.4 | <SRL | U | 25 | 16.5 | 0.50 |
| Ethanol | 177 | | 25 | 65.6 | 212 | | 25 | 65.9 | 2.00 |
| Acetone | 953 | | 25 | 65.6 | 982 | | 25 | 65.9 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 25 | 16.4 | <SRL | U | 25 | 16.5 | 0.50 |
| 2-Propanol (IPA) | 163 | | 25 | 65.6 | 209 | | 25 | 65.9 | 2.00 |
| Acrylonitrile | <SRL | U | 25 | 65.6 | <SRL | U | 25 | 65.9 | 2.00 |
| 1,1-Dichloroethene | <SRL | U | 25 | 16.4 | <SRL | U | 25 | 16.5 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 25 | 32.8 | <SRL | U | 25 | 33.0 | 1.00 |
| Carbon Disulfide | <SRL | U | 25 | 65.6 | <SRL | U | 25 | 65.9 | 2.00 |
| trans-1,2-Dichloroethene | <SRL | U | 25 | 16.4 | <SRL | U | 25 | 16.5 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 25 | 16.4 | <SRL | U | 25 | 16.5 | 0.50 |
| 2-Butanone (MEK) | 831 | | 25 | 32.8 | 696 | | 25 | 33.0 | 1.00 |
| Hexane | 229 | | 25 | 16.4 | 195 | | 25 | 16.5 | 0.50 |
| Chloroform | <SRL | U | 25 | 16.4 | <SRL | U | 25 | 16.5 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 25 | 16.4 | <SRL | U | 25 | 16.5 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 25 | 16.4 | <SRL | U | 25 | 16.5 | 0.50 |
| Benzene | 437 | | 25 | 16.4 | 388 | | 25 | 16.5 | 0.50 |
| Carbon Tetrachloride | <SRL | U | 25 | 16.4 | <SRL | U | 25 | 16.5 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 25 | 16.4 | <SRL | U | 25 | 16.5 | 0.50 |
| Bromodichloromethane | <SRL | U | 25 | 16.4 | <SRL | U | 25 | 16.5 | 0.50 |
| Trichloroethene (TCE) | 50.2 | | 25 | 16.4 | 48.1 | | 25 | 16.5 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 25 | 65.6 | <SRL | U | 25 | 65.9 | 2.00 |
| Toluene | 2020 | | 25 | 32.8 | 1700 | | 25 | 33.0 | 1.00 |
| 1,2-Dibromoethane | <SRL | U | 25 | 16.4 | <SRL | U | 25 | 16.5 | 0.50 |
| Tetrachloroethene (PCE) | 32.1 | | 25 | 16.4 | 27.3 | | 25 | 16.5 | 0.50 |
| Chlorobenzene | 266 | | 25 | 16.4 | 247 | | 25 | 16.5 | 0.50 |
| Ethylbenzene | 2810 | | 25 | 32.8 | 2620 | | 25 | 33.0 | 1.00 |
| m & p-Xylene | 4340 | | 25 | 32.8 | 3760 | | 25 | 33.0 | 1.00 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 25 | 16.4 | <SRL | U | 25 | 16.5 | 0.50 |
| o-Xylene | 1310 | | 25 | 32.8 | 1270 | | 25 | 33.0 | 1.00 |
| 1,3-Dichlorobenzene | <SRL | U | 25 | 16.4 | <SRL | U | 25 | 16.5 | 0.50 |
| 1,4-Dichlorobenzene | 520 | | 25 | 16.4 | 492 | | 25 | 16.5 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 25 | 16.4 | <SRL | U | 25 | 16.5 | 0.50 |
| BFB-Surrogate Std. % Recovery | | | 93% | | | 87% | | | 70-130% |

U - Compound was not detected at or above the SRL.





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : Best Environmental
PROJECT NO : 220321
MATRIX : AIR
UNITS : PPB (v/v)

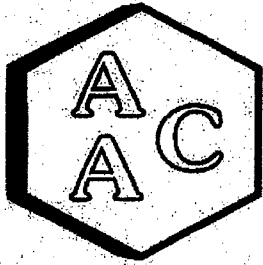
DATE RECEIVED : 02/14/2022
DATE REPORTED : 02/21/2022
ANALYST : MB/RC

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| <i>Client ID</i> | | <i>Flare 3 LFG</i> | | | <i>Sample Reporting Limit (SRL) (MRLxDF's)</i> | <i>Method Reporting Limit (MRL)</i> |
|--------------------------------------|---------------|---------------------|--------------------|------|--|-------------------------------------|
| <i>AAC ID</i> | | <i>220321-27944</i> | | | | |
| <i>Date Sampled</i> | | <i>02/01/2022</i> | | | | |
| <i>Date Analyzed</i> | | <i>02/18/2022</i> | | | | |
| <i>Can Dilution Factor</i> | | <i>1.32</i> | | | | |
| <i>Compound</i> | <i>Result</i> | <i>Qualifier</i> | <i>Analysis DF</i> | | | |
| Chlorodifluoromethane | 176 | | 25 | 16.5 | 0.50 | |
| Dichlorodifluoromethane | 149 | | 25 | 16.5 | 0.50 | |
| Chloromethane | <SRL | U | 25 | 16.5 | 0.50 | |
| Vinyl Chloride | 279 | | 25 | 16.5 | 0.50 | |
| Chloroethane | <SRL | U | 25 | 16.5 | 0.50 | |
| Dichlorofluoromethane | <SRL | U | 25 | 16.5 | 0.50 | |
| Ethanol | 217 | | 25 | 66.0 | 2.00 | |
| Acetone | 1050 | | 25 | 66.0 | 2.00 | |
| Trichlorofluoromethane | <SRL | U | 25 | 16.5 | 0.50 | |
| 2-Propanol (IPA) | 227 | | 25 | 66.0 | 2.00 | |
| Acrylonitrile | <SRL | U | 25 | 66.0 | 2.00 | |
| 1,1-Dichloroethene | <SRL | U | 25 | 16.5 | 0.50 | |
| Methylene Chloride (DCM) | <SRL | U | 25 | 33.0 | 1.00 | |
| Carbon Disulfide | <SRL | U | 25 | 66.0 | 2.00 | |
| trans-1,2-Dichloroethene | <SRL | U | 25 | 16.5 | 0.50 | |
| 1,1-Dichloroethane | <SRL | U | 25 | 16.5 | 0.50 | |
| 2-Butanone (MEK) | 846 | | 25 | 33.0 | 1.00 | |
| Hexane | 235 | | 25 | 16.5 | 0.50 | |
| Chloroform | <SRL | U | 25 | 16.5 | 0.50 | |
| 1,2-Dichloroethane | <SRL | U | 25 | 16.5 | 0.50 | |
| 1,1,1-Trichloroethane | <SRL | U | 25 | 16.5 | 0.50 | |
| Benzene | 433 | | 25 | 16.5 | 0.50 | |
| Carbon Tetrachloride | <SRL | U | 25 | 16.5 | 0.50 | |
| 1,2-Dichloropropane | <SRL | U | 25 | 16.5 | 0.50 | |
| Bromodichloromethane | <SRL | U | 25 | 16.5 | 0.50 | |
| Trichloroethene (TCE) | 55.8 | | 25 | 16.5 | 0.50 | |
| 4-Methyl-2-pentanone (MIBK) | <SRL | U | 25 | 66.0 | 2.00 | |
| Toluene | 1900 | | 25 | 33.0 | 1.00 | |
| 1,2-Dibromoethane | <SRL | U | 25 | 16.5 | 0.50 | |
| Tetrachloroethene (PCE) | 30.7 | | 25 | 16.5 | 0.50 | |
| Chlorobenzene | 282 | | 25 | 16.5 | 0.50 | |
| Ethylbenzene | 2810 | | 25 | 33.0 | 1.00 | |
| m & p-Xylene | 4040 | | 25 | 33.0 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 25 | 16.5 | 0.50 | |
| o-Xylene | 1410 | | 25 | 33.0 | 1.00 | |
| 1,3-Dichlorobenzene | <SRL | U | 25 | 16.5 | 0.50 | |
| 1,4-Dichlorobenzene | 536 | | 25 | 16.5 | 0.50 | |
| 1,2-Dichlorobenzene | 65.4 | | 25 | 16.5 | 0.50 | |
| BFB-Surrogate Std. % Recovery | | | 89% | | | 70-130% |

U - Compound was not detected at or above the SRL.





Atmospheric Analysis & Consulting, Inc

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/18/2021
 MATRIX : High Purity N₂
 UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02
 CALIBRATION STD ID : MS1-012722-01
 ANALYST : RC

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15 Continuing Calibration Verification of the 02/16/2022 Calibration

| Analyte Compounds | Source ¹ | CCV ² | % Recovery ³ |
|--------------------------------|---------------------|------------------|-------------------------|
| 4-BFB (surrogate standard) | 10.00 | 9.54 | 95 |
| Chlorodifluoromethane | 10.50 | 11.54 | 110 |
| Propene | 10.60 | 12.10 | 114 |
| Dichlorodifluoromethane | 10.40 | 12.20 | 117 |
| Dimethyl Ether | 10.80 | 12.80 | 119 |
| Chloromethane | 10.40 | 12.06 | 116 |
| Dichlorotetrafluoroethane | 10.30 | 10.91 | 106 |
| Vinyl Chloride | 10.50 | 13.14 | 125 |
| Acetaldehyde | 22.50 | 24.85 | 110 |
| Methanol | 20.10 | 22.61 | 112 |
| 1,3-Butadiene | 10.60 | 13.39 | 126 |
| Bromomethane | 10.40 | 11.97 | 115 |
| Chloroethane | 10.30 | 10.68 | 104 |
| Dichlorofluoromethane | 10.50 | 11.70 | 111 |
| Ethanol | 11.20 | 11.40 | 102 |
| Vinyl Bromide | 10.50 | 12.06 | 115 |
| Acrolein | 11.10 | 12.69 | 114 |
| Acetone | 10.60 | 11.10 | 105 |
| Trichlorofluoromethane | 10.50 | 10.59 | 101 |
| 2-Propanol (IPA) | 11.00 | 12.35 | 112 |
| Acrylonitrile | 11.40 | 11.80 | 104 |
| 1,1-Dichloroethene | 10.40 | 10.52 | 101 |
| Methylene Chloride (DCM) | 10.50 | 10.34 | 98 |
| TertButanol (TBA) | 11.30 | 11.76 | 104 |
| Allyl Chloride | 10.40 | 10.32 | 99 |
| Carbon Disulfide | 10.50 | 10.91 | 104 |
| Trichlorotrifluoroethane | 10.40 | 9.70 | 93 |
| trans-1,2-Dichloroethene | 10.60 | 10.87 | 103 |
| 1,1-Dichloroethane | 10.50 | 9.70 | 92 |
| Methyl Tert Butyl Ether (MTBE) | 10.50 | 10.49 | 100 |
| Vinyl Acetate | 11.00 | 9.55 | 87 |
| 2-Butanone (MEK) | 10.60 | 9.69 | 91 |
| cis-1,2-Dichloroethene | 10.50 | 12.20 | 116 |
| Hexane | 10.70 | 9.53 | 89 |
| Chloroform | 10.60 | 11.15 | 105 |
| Ethyl Acetate | 10.60 | 10.13 | 96 |
| Tetrahydrofuran | 10.20 | 9.34 | 92 |
| 1,2-Dichloroethane | 10.50 | 10.25 | 98 |
| 1,1,1-Trichloroethane | 10.40 | 11.02 | 106 |
| Benzene | 10.60 | 10.46 | 99 |
| Carbon Tetrachloride | 10.20 | 9.53 | 93 |
| Cyclohexane | 10.50 | 10.54 | 100 |

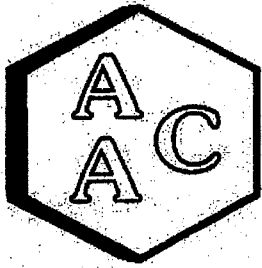
| Analyte Compounds (Continued) | Source ¹ | CCV ² | % Recovery ³ |
|-----------------------------------|---------------------|------------------|-------------------------|
| 1,2-Dichloropropane | 10.50 | 9.67 | 92 |
| Bromodichloromethane | 10.40 | 9.88 | 95 |
| 1,4-Dioxane | 10.40 | 11.04 | 106 |
| Trichloroethene (TCE) | 10.40 | 11.11 | 107 |
| 2,2,4-Trimethylpentane | 10.40 | 10.52 | 101 |
| Methyl Methacrylate | 11.00 | 10.05 | 91 |
| Heptane | 10.50 | 11.15 | 106 |
| cis-1,3-Dichloropropene | 10.40 | 10.61 | 102 |
| 4-Methyl-2-pentanone (MIBK) | 10.40 | 8.85 | 85 |
| trans-1,3-Dichloropropene | 10.50 | 9.36 | 89 |
| 1,1,2-Trichloroethane | 10.50 | 10.06 | 96 |
| Toluene | 10.60 | 11.07 | 104 |
| 2-Hexanone (MBK) | 10.50 | 8.65 | 82 |
| Dibromochloromethane | 10.30 | 9.79 | 95 |
| 1,2-Dibromoethane | 10.60 | 10.27 | 97 |
| Tetrachloroethene (PCE) | 10.40 | 9.95 | 96 |
| Chlorobenzene | 10.60 | 10.12 | 95 |
| Ethylbenzene | 10.50 | 12.04 | 115 |
| m & p-Xylene | 21.00 | 22.78 | 108 |
| Bromoforn | 10.50 | 10.53 | 100 |
| Styrene | 10.50 | 11.41 | 109 |
| 1,1,2,2-Tetrachloroethane | 10.50 | 10.85 | 103 |
| o-Xylene | 10.50 | 11.34 | 108 |
| 1,2,3-Trichloropropane | 10.40 | 10.26 | 99 |
| Isopropylbenzene (Cumene) | 10.40 | 11.23 | 108 |
| α-Pinene | 11.40 | 11.27 | 99 |
| 2-Chlorotoluene | 10.40 | 11.03 | 106 |
| n-Propylbenzene | 10.50 | 11.69 | 111 |
| 4-Ethyltoluene | 10.30 | 10.65 | 103 |
| 1,3,5-Trimethylbenzene | 10.30 | 10.83 | 105 |
| β-Pinene | 11.30 | 9.49 | 84 |
| 1,2,4-Trimethylbenzene | 10.30 | 10.57 | 103 |
| Benzyl Chloride (a-Chlorotoluene) | 10.40 | 9.65 | 93 |
| 1,3-Dichlorobenzene | 10.40 | 10.69 | 103 |
| 1,4-Dichlorobenzene | 10.30 | 10.71 | 104 |
| Sec-ButylBenzene | 10.40 | 11.03 | 106 |
| 1,2-Dichlorobenzene | 10.60 | 10.89 | 103 |
| n-ButylBenzene | 10.40 | 9.99 | 96 |
| 1,2-Dibromo-3-Chloropropane | 10.40 | 9.80 | 94 |
| 1,2,4-Trichlorobenzene | 11.00 | 8.11 | 74 |
| Naphthalene | 11.50 | 8.79 | 76 |
| Hexachlorobutadiene | 11.00 | 9.22 | 84 |

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%.





Atmospheric Analysis & Consulting, Inc

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/18/2021
MATRIX : High Purity N₂
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02
CALIBRATION STD ID : MS1-012722-01
ANALYST : RC

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

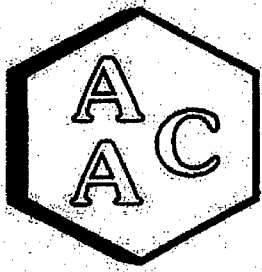
| System Monitoring Compounds | Sample Concentration | Spike Added | LCS ¹ Recovery | LCSD ¹ Recovery | LCS ¹ % Recovery ² | LCSD ¹ % Recovery ² | RPD ³ |
|-----------------------------|----------------------|-------------|---------------------------|----------------------------|--|---|------------------|
| 4-BFB (surrogate standard) | 0.0 | 10.00 | 9.54 | 9.33 | 95.4 | 93.3 | 2.2 |
| 1,1-Dichloroethene | 0.0 | 10.40 | 10.52 | 9.74 | 101 | 94 | 7.7 |
| Methylene Chloride (DCM) | 0.0 | 10.50 | 10.34 | 9.94 | 98 | 95 | 3.9 |
| Benzene | 0.0 | 10.60 | 10.46 | 10.18 | 99 | 96 | 2.7 |
| Trichloroethene (TCE) | 0.0 | 10.40 | 11.11 | 10.84 | 107 | 104 | 2.5 |
| Toluene | 0.0 | 10.60 | 11.07 | 9.94 | 104 | 94 | 10.8 |
| Tetrachloroethene (PCE) | 0.0 | 10.40 | 9.95 | 10.47 | 96 | 101 | 5.1 |
| Chlorobenzene | 0.0 | 10.60 | 10.12 | 9.92 | 95 | 94 | 2.0 |
| Ethylbenzene | 0.0 | 10.50 | 12.04 | 11.44 | 115 | 109 | 5.1 |
| m & p-Xylene | 0.0 | 21.00 | 22.78 | 23.19 | 108 | 110 | 1.8 |
| o-Xylene | 0.0 | 10.50 | 11.34 | 11.10 | 108 | 106 | 2.1 |

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%).





Atmospheric Analysis & Consulting, Inc

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/18/2021

INSTRUMENT ID : GC/MS-02

MATRIX : High Purity He or N₂

ANALYST : RC

UNITS : PPB (v/v)

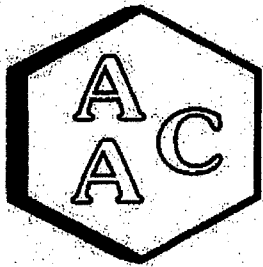
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| Analyte Compounds | MB 021821 | Reporting Limit (RL) |
|--------------------------------|-----------|----------------------|
| 4-BFB (surrogate standard) | 90% | 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 | 2.0 |
| 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 | 2.0 |
| Vinyl Acetate | <RL | 2.0 |
| 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 | 1.0 |

| Analyte Compounds (Continued) | MB 021821 | 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 | 2.0 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 1.0 |
| 4-Methyl-2-pentanone (MIBK) | <RL | 2.0 |
| trans-1,3-Dichloropropene | <RL | 2.0 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 1.0 |
| 2-Hexanone (MBK) | <RL | 2.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 1.0 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 2.0 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 1.0 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 1.0 |
| α-Pinene | <RL | 2.0 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 1.0 |
| 1,3,5-Trimethylbenzene | <RL | 1.0 |
| β-Pinene | <RL | 5.0 |
| 1,2,4-Trimethylbenzene | <RL | 1.0 |
| Benzyl Chloride (α-Chlorotoluene) | <RL | 2.0 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 1.0 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 2.0 |
| 1,2-Dibromo-3-Chloropropane | <RL | 1.0 |
| 1,2,4-Trichlorobenzene | <RL | 5.0 |
| Naphthalene | <RL | 5.0 |
| Hexachlorobutadiene | <RL | 1.0 |





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/18/2021
 MATRIX : Air
 UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02
 ANALYST : RC
 DILUTION FACTOR¹ : x33.01

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15 Duplicate Analysis of AAC Sample ID: 220321-27944

| Analyte Compounds | Sample | Duplicate | RPD ² |
|--------------------------------|--------|-----------|------------------|
| 4-BFB (surrogate standard) | 8.87 | 8.34 | 6.2 |
| Chlorodifluoromethane | <SRL | <SRL | NA |
| Propene | 1890 | 1870 | 1.4 |
| Dichlorodifluoromethane | <SRL | <SRL | NA |
| Dimethyl Ether | <SRL | <SRL | NA |
| Chloromethane | <SRL | <SRL | NA |
| Dichlorotetrafluoroethane | <SRL | <SRL | NA |
| Vinyl Chloride | <SRL | <SRL | NA |
| Acetaldehyde | <SRL | <SRL | NA |
| Methanol | 492 | 546 | 10.3 |
| 1,3-Butadiene | <SRL | <SRL | NA |
| Bromomethane | <SRL | <SRL | NA |
| Chloroethane | <SRL | <SRL | NA |
| Dichlorofluoromethane | <SRL | <SRL | NA |
| Ethanol | 217 | 222 | 2.3 |
| Vinyl Bromide | <SRL | <SRL | NA |
| Acrolein | <SRL | <SRL | NA |
| Acetone | 1050 | 1010 | 4.7 |
| Trichlorofluoromethane | <SRL | <SRL | NA |
| 2-Propanol (IPA) | 227 | 221 | 2.8 |
| Acrylonitrile | <SRL | <SRL | NA |
| 1,1-Dichloroethane | <SRL | <SRL | NA |
| Methylene Chloride (DCM) | <SRL | <SRL | NA |
| TertButanol (TBA) | <SRL | <SRL | NA |
| Allyl Chloride | <SRL | <SRL | NA |
| Carbon Disulfide | <SRL | <SRL | NA |
| Trichlorotrifluoroethane | <SRL | <SRL | NA |
| trans-1,2-Dichloroethane | <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) | 846 | 861 | 1.8 |
| cis-1,2-Dichloroethane | <SRL | <SRL | NA |
| Hexane | 235 | 240 | 2.1 |
| Chloroform | <SRL | <SRL | NA |
| Ethyl Acetate | <SRL | <SRL | NA |
| Tetrahydrofuran | 261 | 268 | 2.6 |
| 1,2-Dichloroethane | <SRL | <SRL | NA |
| 1,1,1-Trichloroethane | <SRL | <SRL | NA |
| Benzene | 433 | 438 | 1.0 |
| Carbon Tetrachloride | <SRL | <SRL | NA |
| Cyclohexane | <SRL | <SRL | NA |

| 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 | <SRL | <SRL | NA |
| Methyl Methacrylate | <SRL | <SRL | NA |
| Heptane | <SRL | <SRL | NA |
| cis-1,3-Dichloropropene | <SRL | <SRL | NA |
| 4-Methyl-2-pentanone (MIBK) | <SRL | <SRL | NA |
| trans-1,3-Dichloropropene | <SRL | <SRL | NA |
| 1,1,2-Trichloroethane | <SRL | <SRL | NA |
| Toluene | 1900 | 1840 | 3.2 |
| 2-Hexanone (MBK) | <SRL | <SRL | NA |
| Dibromochloromethane | <SRL | <SRL | NA |
| 1,2-Dibromoethane | <SRL | <SRL | NA |
| Tetrachloroethene (PCE) | <SRL | <SRL | NA |
| Chlorobenzene | <SRL | <SRL | NA |
| Ethylbenzene | 2810 | 2590 | 8.1 |
| m & p-Xylene | 4040 | 3910 | 3.4 |
| Bromoform | <SRL | <SRL | NA |
| Styrene | <SRL | <SRL | NA |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | NA |
| o-Xylene | 1410 | 1380 | 2.1 |
| 1,2,3-Trichloropropane | <SRL | <SRL | NA |
| Isopropylbenzene (Cumene) | <SRL | <SRL | NA |
| α-Pinene | <SRL | <SRL | NA |
| 2-Chlorotoluene | <SRL | <SRL | NA |
| n-Propylbenzene | <SRL | <SRL | NA |
| 4-Ethyltoluene | <SRL | <SRL | NA |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | NA |
| β-Pinene | <SRL | <SRL | NA |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | NA |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | NA |
| 1,3-Dichlorobenzene | <SRL | <SRL | NA |
| 1,4-Dichlorobenzene | <SRL | <SRL | NA |
| Sec-Butylbenzene | <SRL | <SRL | NA |
| 1,2-Dichlorobenzene | <SRL | <SRL | NA |
| n-Butylbenzene | <SRL | <SRL | NA |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | NA |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | NA |
| Naphthalene | <SRL | <SRL | NA |
| Hexachlorobutadiene | <SRL | <SRL | NA |

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)



Project ID: City ME View Landfill

SAMPLE CHAIN OF CUSTODY

BE PROJECT MANAGER: B Johnston

220321

| DATE | ANALYTICAL LAB | SAMPLE ID | METHOD | CAN | ANALYSIS | FINAL PRESSURE |
|--------|----------------|-------------------|--------------|------|--------------------|----------------|
| 2/1/22 | AAC | Flare 1 LFG 27942 | TO 15 & M25C | 1323 | AP 42 list & NIMOC | 0 |
| 2/1/22 | | Flare 2 LFG 27943 | TO 15 & M25C | 24 | AP 42 list & NIMOC | 0 |
| 2/1/22 | | Flare 3 LFG 27944 | TO 15 & M25C | 1273 | AP 42 list & NIMOC | 0 |

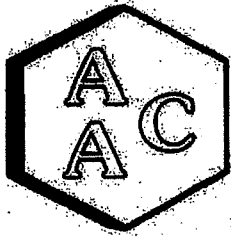
Notes all can final vac is zero

Relinquished by: _____ Received by: _____ Date: _____ Time: _____

Relinquished by: CURTIS Received by: [Signature] Date: 2/14/22 Time: 1222

SAMPLE CONDITION AS RECEIVED: OK or not OK

Flare 3x cans



Atmospheric Analysis & Consulting, Inc.

CLIENT : Best Environmental
PROJECT NAME : City Mt View Landfill
AAC PROJECT NO. : 220321
REPORT DATE : 02/22/2022

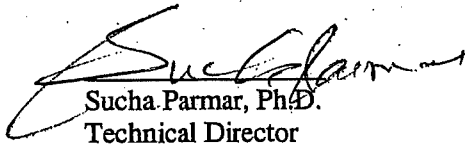
On February 14, 2022, Atmospheric Analysis & Consulting, Inc. received three (3) Six-Liter Summa Canisters for TNMOC analysis by EPA 25C. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Return Pressure (mmHg) |
|-------------|--------------|------------------------|
| Flare 1 LFG | 220321-27942 | 782.7 |
| Flare 2 LFG | 220321-27943 | 781.3 |
| Flare 3 LFG | 220321-27944 | 773.2 |

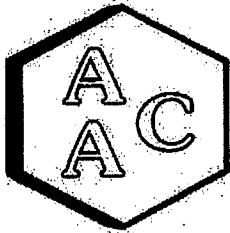
This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

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 4 pages.



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

Client : Best Environmental
Project No. : 220321
Matrix : AIR
Units : ppmC

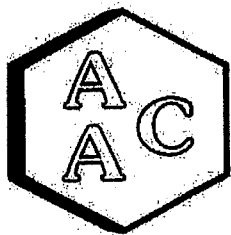
Sampling Date : 02/01/2022
Receiving Date : 02/14/2022
Analysis Date : 02/16/2022
Report Date : 02/22/2022

EPA 25C

| Reporting Limit: 3.0 ppmC | | Canister Dilution Factor | Analysis Dilution Factor | TNMOC* | SRL (RL x DF's) |
|---------------------------|--------------|-----------------------------|-----------------------------|--------|--------------------|
| Client Sample ID | AAC ID | | | | |
| Flare 1 LFG | 221321-27942 | 1.3 | 1.0 | 882 | 3.9 |
| Flare 2 LFG | 221321-27943 | 1.3 | 1.0 | 952 | 4.0 |
| Flare 3 LFG | 221321-27944 | 1.3 | 1.0 | 1019 | 4.0 |

Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac x Canister Dil. Fac.

*Total Non-Methane Organic Carbon



Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report

Analysis Date : 02/16/2022
 Analyst : DL/ZD
 Units : ppmv

Instrument ID: GCTCA#2-FID
 Calibration Date: 2/15/2022

I - Opening Calibration Verification Standard - Method 25C

| Analyte | xRF | DRF | %RPD* |
|---------|--------|--------|-------|
| Propane | 315066 | 323376 | 2.6 |

II - TNMOC Response Factor - Method 25C

| Analyte | xRF | CV RF | CV dp RF | CV tp RF | Average RF | % RPD*** |
|---------|--------|--------|----------|----------|------------|----------|
| Propane | 315066 | 323376 | 337861 | 333553 | 331596 | 5.1 |

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 | 54.34 | 53.65 | 106.7 | 105.3 | 1.3 |

V - Closing Calibration Verification Standard - Method 25C

| Analyte | xCF | dCF | %RPD* |
|---------|--------|--------|-------|
| Propane | 315066 | 322452 | 2.3 |

xCF - Average Calibration Factor from Initial Calibration Curve

dCF - Daily Calibration Factor

* Must be <15%

** Must be 90-110 %

*** Must be <20%

Project ID: CHY Mt View Landfill

SAMPLE CHAIN OF CUSTODY

BE PROJECT MANAGER: B Johnston

Analytical Lab: AAC

220321

| DATE | SAMPLE ID | Method | Can | Analysis | Final Pressure |
|--------|--------------------|--------------|------|-------------------|----------------|
| 2/1/22 | Frame 1 IFRG 27942 | TO 15 & M25C | 1323 | AP 42 list & NMOC | 0 |
| 2/1/22 | Frame 2 IFRG 27943 | TO 15 & M25C | 24 | AP 42 list & NMOC | 0 |
| 2/1/22 | Frame 3 IFRG 27944 | TO 15 & M25C | 1273 | AP 42 list & NMOC | 0 |

Notes all can final vac is zero

Relinquished by: _____ Received by: _____ Date: _____ Time: _____

Relinquished by: CWJ Received by: [Signature] Date: 2/1/22 Time: 1222

SAMPLE CONDITION AS RECEIVED: OK or not OK

FK 3x cans

APPENDIX C
FIELD DATA SHEETS

DAS CONTINUOUS EMISSIONS MONITORING DATA SHEET

Facility: Mt View Flares
 Location: 0
 Observers: _____
 Expected Run Time = 30 min

Run #: CEC
 Barometric: 29.95
 Personnel: BJ
 Std. Temp: 70

Date: 02/01/22
 Leak ✓ : OK
 Strat. ✓ : OK

Cylinder #s: _____

| Analyte | O2 | CO2 | NOx | CO | THC | | | | |
|------------|-------|--------------|--------------|--------------|--------------|--------------|--|--|----------------------|
| Analyzer | 110P | NGA2000 | 600CLD | 48i | 51 | | | | |
| Range | 20.98 | 18.98 | 45.30 | 89.40 | 100.00 | | | | |
| Span Value | 9.02 | 12.02 | 21.90 | 44.80 | 44.70 | | | | |
| Time | | | | | | | | | |
| | 9:20 | 0.03 | -0.06 | 0.08 | -0.05 | 0.08 | | | |
| | 9:21 | 0.02 | -0.06 | 0.07 | -0.02 | 0.08 | | | Unit # |
| | 9:22 | 0.01 | -0.06 | 0.08 | -0.05 | 0.08 | | | |
| | 9:23 | 19.31 | 17.29 | 0.06 | 54.99 | 0.09 | | | |
| | 9:24 | 21.01 | 18.90 | 0.06 | 89.53 | 0.10 | | | Operating Conditions |
| | 9:25 | 21.00 | 18.90 | 0.06 | 89.07 | 0.10 | | | |
| | 9:26 | 10.39 | 12.71 | 0.07 | 64.42 | 0.10 | | | |
| | 9:27 | 8.96 | 11.65 | 0.06 | 45.05 | 0.10 | | | Fuel |
| | 9:28 | 8.98 | 11.65 | 0.06 | 45.06 | 0.10 | | | |
| | 9:29 | 0.98 | 1.31 | 35.25 | 17.95 | 0.38 | | | |
| | 9:30 | -0.01 | -0.06 | 45.80 | -0.36 | 0.37 | | | |
| | 9:31 | -0.02 | -0.06 | 45.87 | -0.36 | 0.37 | | | |
| | 9:32 | -0.02 | -0.06 | 25.73 | -0.37 | 0.32 | | | |
| | 9:33 | -0.03 | -0.06 | 21.93 | -0.37 | 0.36 | | | |
| | 9:34 | -0.03 | -0.06 | 21.92 | -0.37 | 0.36 | | | |
| | 9:35 | 0.27 | -0.06 | 8.19 | -0.38 | 0.48 | | | |
| | 9:36 | 0.07 | -0.06 | 5.66 | -0.37 | 0.32 | | | |
| | 9:37 | 0.06 | -0.06 | 5.64 | -0.38 | 0.36 | | | Nox Converter |
| | 9:38 | 0.03 | -0.02 | 1.16 | 0.42 | 0.42 | | | |
| | 9:39 | -0.05 | -0.06 | 0.06 | -0.11 | 0.36 | | | |
| | 9:40 | -0.06 | -0.06 | 0.05 | -0.11 | 0.37 | | | |
| | 9:41 | 18.86 | -0.04 | 0.23 | -0.16 | 44.01 | | | |
| | 9:42 | 20.88 | -0.06 | 0.04 | -0.37 | 44.67 | | | |
| | 9:43 | 20.88 | -0.06 | 0.04 | -0.37 | 44.69 | | | |
| | 9:44 | 20.92 | -0.06 | 0.04 | -0.36 | 82.45 | | | |
| | 9:45 | 20.91 | -0.06 | 0.04 | -0.37 | 85.96 | | | |
| | 9:46 | 20.91 | -0.06 | 0.04 | -0.36 | 85.76 | | | |
| | 9:47 | 20.99 | -0.06 | 0.03 | -0.38 | 34.45 | | | |
| | 9:48 | 21.05 | -0.06 | 0.06 | -0.38 | 26.68 | | | |
| | 9:49 | 21.05 | -0.06 | 0.04 | -0.39 | 26.68 | | | |

DAS CONTINUOUS EMISSIONS MONITORING DATA SHEET

Facility: Mt View Flares
 Location: Flare 1 (A-6)
 Observers: _____
 Expected Run Time = 30 min

Run #: 1
 Barometric: 29.95
 Personnel: BJ
 Std. Temp: 70

Date: 02/01/22
 Leak ✓ : OK
 Strat. ✓ : OK

Cylinder #s: _____

| Analyte | O2 | CO2 | NOx | CO | THC | | | |
|--------------|-------|---------|--------|-------|--------|-----------|--|----------------------|
| Analyzer | 110P | NGA2000 | 600CLD | 48i | 51 | | | |
| Range | 20.98 | 18.98 | 45.30 | 89.40 | 100.00 | | | |
| Span Value | 9.02 | 12.02 | 21.90 | 44.80 | 44.70 | | | |
| Time | | | | | | Comments: | | |
| | 9:59 | 11.99 | 7.17 | 14.98 | -0.24 | 0.10 | | |
| | 10:00 | 11.97 | 7.19 | 15.06 | -0.02 | 0.10 | | Unit # |
| | 10:01 | 11.87 | 7.27 | 15.30 | -0.17 | 0.10 | | |
| | 10:02 | 11.85 | 7.30 | 15.48 | -0.31 | 0.11 | | |
| | 10:03 | 11.87 | 7.28 | 15.45 | -0.22 | 0.10 | | Operating Conditions |
| | 10:04 | 11.84 | 7.32 | 15.55 | -0.36 | 0.10 | | |
| | 10:05 | 12.02 | 7.16 | 15.30 | -0.25 | 0.10 | | |
| | 10:06 | 12.07 | 7.11 | 14.94 | 0.04 | 0.10 | | Fuel |
| | 10:07 | 12.10 | 7.08 | 14.99 | -0.29 | 0.10 | | |
| | 10:08 | 11.95 | 7.21 | 15.31 | -0.32 | 0.10 | | |
| | 10:09 | 11.87 | 7.29 | 15.68 | -0.37 | 0.10 | | |
| | 10:10 | 11.91 | 7.25 | 15.50 | -0.31 | 0.10 | | |
| | 10:11 | 11.81 | 7.34 | 15.83 | -0.25 | 0.13 | | |
| | 10:12 | 12.09 | 7.09 | 15.27 | -0.21 | 0.20 | | |
| | 10:13 | 12.00 | 7.17 | 15.38 | -0.29 | 0.13 | | |
| | 10:14 | 11.83 | 7.32 | 15.68 | -0.33 | 0.11 | | |
| | 10:15 | 11.94 | 7.22 | 15.48 | -0.33 | 0.14 | | |
| | 10:16 | 12.36 | 6.84 | 14.61 | 0.84 | 0.20 | | |
| | 10:17 | 12.09 | 7.07 | 15.10 | 0.95 | 0.29 | | |
| | 10:18 | 11.76 | 7.37 | 16.20 | -0.40 | 0.15 | | |
| | 10:19 | 11.72 | 7.40 | 16.18 | -0.47 | 0.17 | | |
| | 10:20 | 11.66 | 7.47 | 16.31 | -0.44 | 0.11 | | |
| | 10:21 | 12.04 | 7.12 | 15.21 | 0.04 | 0.16 | | |
| | 10:22 | 12.02 | 7.14 | 15.13 | -0.31 | 0.14 | | |
| | 10:23 | 12.13 | 7.04 | 14.96 | 0.15 | 0.32 | | |
| | 10:24 | 12.19 | 6.99 | 14.89 | -0.26 | 0.31 | | |
| | 10:25 | 11.91 | 7.24 | 15.46 | -0.40 | 0.35 | | |
| | 10:26 | 11.90 | 7.25 | 15.51 | -0.47 | 0.35 | | |
| | 10:27 | 11.84 | 7.30 | 15.75 | -0.48 | 0.24 | | |
| | 10:28 | 12.01 | 7.15 | 15.47 | -0.27 | 0.20 | | |
| ZERO I | 9:56 | -0.06 | -0.06 | 0.04 | -0.39 | 0.37 | | |
| SPAN I | 9:55 | 8.96 | 11.65 | 21.74 | 44.84 | 44.69 | | |
| Average | | 11.95 | 7.20 | 15.40 | -0.19 | 0.16 | | |
| ZERO f | 10:33 | -0.03 | -0.06 | 0.04 | -0.54 | 0.11 | | |
| SPAN f | 10:35 | 8.98 | 11.76 | 21.60 | 44.54 | 44.60 | | |
| Zero Drift % | | 0.2% | 0.0% | 0.0% | -0.2% | -0.3% | | |
| Span Drift % | | 0.1% | 0.6% | -0.3% | -0.3% | -0.1% | | |
| Corr. Avg. | | 12.00 | 7.42 | 15.55 | 0.27 | -0.07 | | |

Corrected Average = [Test Avg. - ((Zi+Zf) / 2)] * Span Gas Value / [((Si+Sf) / 2) - ((Zi+Zf) / 2)]

Zero Drift % = 100 * (Zf - Zi) / Instrument Range

Span Drift % = 100 * (Sf - Si) / Instrument Range

DAS CONTINUOUS EMISSIONS MONITORING DATA SHEET

Facility: Mt View Flares
 Location: Flare 1 (A-6)
 Observers: _____
 Expected Run Time = 30 min

Run #: 2
 Barometric: 29.95
 Personnel: BJ
 Std. Temp: 70

Date: 02/01/22
 Leak ✓ : OK
 Strat. ✓ : OK

Cylinder #s: _____

| Analyte | O2 | CO2 | NOx | CO | THC | | | | |
|--------------|-------|---------|--------|-------|--------|-------|--|--|----------------------|
| Analyzer | 110P | NGA2000 | 600CLD | 48i | 51 | | | | |
| Range | 20.98 | 18.98 | 45.30 | 89.40 | 100.00 | | | | |
| Span Value | 9.02 | 12.02 | 21.90 | 44.80 | 44.70 | | | | |
| Time | | | | | | | | | |
| | 10:37 | 11.92 | 7.23 | 15.74 | 0.34 | 0.27 | | | |
| | 10:38 | 11.92 | 7.23 | 15.79 | -0.46 | 0.28 | | | Unit # |
| | 10:39 | 11.88 | 7.27 | 15.92 | -0.44 | 0.21 | | | |
| | 10:40 | 11.90 | 7.26 | 15.85 | -0.50 | 0.20 | | | |
| | 10:41 | 11.92 | 7.24 | 15.81 | -0.42 | 0.14 | | | Operating Conditions |
| | 10:42 | 11.95 | 7.20 | 15.75 | -0.45 | 0.13 | | | |
| | 10:43 | 11.94 | 7.21 | 15.72 | -0.48 | 0.10 | | | |
| | 10:44 | 11.95 | 7.20 | 15.77 | -0.47 | 0.34 | | | Fuel |
| | 10:45 | 12.03 | 7.13 | 15.60 | -0.36 | 0.33 | | | |
| | 10:46 | 12.00 | 7.15 | 15.64 | -0.45 | 0.35 | | | |
| | 10:47 | 11.88 | 7.26 | 15.88 | -0.44 | 0.35 | | | |
| | 10:48 | 11.84 | 7.29 | 15.94 | -0.46 | 0.23 | | | |
| | 10:49 | 11.86 | 7.27 | 15.96 | -0.46 | 0.29 | | | |
| | 10:50 | 11.92 | 7.21 | 15.87 | -0.45 | 0.27 | | | |
| | 10:51 | 12.16 | 7.00 | 15.40 | -0.34 | 0.26 | | | |
| | 10:52 | 12.03 | 7.11 | 15.50 | -0.25 | 0.21 | | | |
| | 10:53 | 11.81 | 7.32 | 16.08 | -0.47 | 0.21 | | | |
| | 10:54 | 11.94 | 7.19 | 15.82 | -0.46 | 0.28 | | | |
| | 10:55 | 12.01 | 7.14 | 15.75 | -0.45 | 0.35 | | | |
| | 10:56 | 12.11 | 7.05 | 15.43 | -0.35 | 0.37 | | | |
| | 10:57 | 12.09 | 7.07 | 15.47 | -0.45 | 0.32 | | | |
| | 10:58 | 12.04 | 7.11 | 15.57 | -0.45 | 0.36 | | | |
| | 10:59 | 12.01 | 7.14 | 15.60 | -0.45 | 0.34 | | | |
| | 11:00 | 12.07 | 7.09 | 15.43 | -0.42 | 0.34 | | | |
| | 11:01 | 12.03 | 7.12 | 15.60 | -0.45 | 0.31 | | | |
| | 11:02 | 12.10 | 7.06 | 15.45 | -0.01 | 0.31 | | | |
| | 11:03 | 12.01 | 7.13 | 15.53 | 0.40 | 0.34 | | | |
| | 11:04 | 11.97 | 7.17 | 15.76 | -0.46 | 0.38 | | | |
| | 11:05 | 11.97 | 7.16 | 15.70 | -0.46 | 0.38 | | | |
| | 11:06 | 12.01 | 7.13 | 15.69 | -0.15 | 0.37 | | | |
| ZERO I | 10:33 | -0.03 | -0.06 | 0.04 | -0.54 | 0.11 | | | |
| SPAN I | 10:35 | 8.98 | 11.76 | 21.60 | 44.54 | 44.60 | | | |
| Average | | 11.98 | 7.17 | 15.70 | -0.36 | 0.29 | | | |
| ZERO f | 11:12 | -0.03 | -0.06 | 0.01 | -0.47 | 0.09 | | | |
| SPAN f | 11:13 | 8.97 | 11.72 | 21.60 | 44.43 | 44.63 | | | |
| Zero Drift % | | 0.0% | -0.1% | 0.0% | 0.1% | 0.0% | | | |
| Span Drift % | | -0.1% | -0.2% | 0.0% | -0.1% | 0.0% | | | |
| Corr. Avg. | | 12.02 | 7.36 | 15.91 | 0.15 | 0.19 | | | |

Corrected Average = [Test Avg. - ((Zi+Zf) / 2)] * Span Gas Value / [((Si+Sf) / 2) - ((Zi+Zf) / 2)]

Zero Drift % = 100 * (Zf - Zi) / Instrument Range

Span Drift % = 100 * (Sf - Si) / Instrument Range

DAS CONTINUOUS EMISSIONS MONITORING DATA SHEET

Facility: Mt View Flares
 Location: Flare 1 (A-6)
 Observers: _____
 Expected Run Time = 30 min

Run #: 3
 Barometric: 29.95
 Personnel: BJ
 Std. Temp: 70

Date: 02/01/22
 Leak ✓ : OK
 Strat. ✓ : OK

Cylinder #s: _____

| Analyte | O2 | CO2 | NOx | CO | THC | | | | |
|--------------|-------|---------|--------|-------|--------|-----------|--|--|----------------------|
| Analyzer | 110P | NGA2000 | 600CLD | 48i | 51 | | | | |
| Range | 20.98 | 18.98 | 45.30 | 89.40 | 100.00 | | | | |
| Span Value | 9.02 | 12.02 | 21.90 | 44.80 | 44.70 | | | | |
| Time | | | | | | Comments: | | | |
| | 11:15 | 12.05 | 7.09 | 15.63 | -0.29 | 0.39 | | | |
| | 11:16 | 12.09 | 7.05 | 15.37 | 0.55 | 0.38 | | | Unit # |
| | 11:17 | 12.03 | 7.11 | 15.60 | -0.43 | 0.38 | | | |
| | 11:18 | 12.07 | 7.07 | 15.49 | -0.48 | 0.38 | | | |
| | 11:19 | 12.09 | 7.05 | 15.41 | 0.14 | 0.42 | | | Operating Conditions |
| | 11:20 | 11.92 | 7.20 | 15.66 | -0.04 | 0.38 | | | |
| | 11:21 | 11.94 | 7.20 | 15.87 | -0.45 | 0.38 | | | |
| | 11:22 | 12.39 | 6.78 | 14.77 | 0.64 | 0.38 | | | Fuel |
| | 11:23 | 11.97 | 7.16 | 15.56 | -0.26 | 0.38 | | | |
| | 11:24 | 12.36 | 6.81 | 15.03 | 0.50 | 0.38 | | | |
| | 11:25 | 11.71 | 7.39 | 16.39 | -0.35 | 0.38 | | | |
| | 11:26 | 11.90 | 7.23 | 16.13 | -0.54 | 0.38 | | | |
| | 11:27 | 11.95 | 7.18 | 15.82 | -0.48 | 0.38 | | | |
| | 11:28 | 12.05 | 7.08 | 15.51 | -0.47 | 0.48 | | | |
| | 11:29 | 12.05 | 7.09 | 15.49 | -0.13 | 0.44 | | | |
| | 11:30 | 12.07 | 7.07 | 15.56 | -0.41 | 0.46 | | | |
| | 11:31 | 12.01 | 7.12 | 15.59 | -0.24 | 0.48 | | | |
| | 11:32 | 12.16 | 6.99 | 15.40 | -0.23 | 0.59 | | | |
| | 11:33 | 12.16 | 6.99 | 15.34 | -0.26 | 0.55 | | | |
| | 11:34 | 12.15 | 6.99 | 15.29 | -0.39 | 0.53 | | | |
| | 11:35 | 11.97 | 7.14 | 15.70 | -0.47 | 0.62 | | | |
| | 11:36 | 12.03 | 7.10 | 15.63 | -0.42 | 0.48 | | | |
| | 11:37 | 12.02 | 7.10 | 15.66 | -0.51 | 0.51 | | | |
| | 11:38 | 11.94 | 7.17 | 15.83 | -0.54 | 0.39 | | | |
| | 11:39 | 11.92 | 7.19 | 15.85 | -0.59 | 0.41 | | | |
| | 11:40 | 12.18 | 6.96 | 15.16 | -0.37 | 0.42 | | | |
| | 11:41 | 12.13 | 7.00 | 15.29 | -0.22 | 0.40 | | | |
| | 11:42 | 12.11 | 7.02 | 15.35 | -0.50 | 0.59 | | | |
| | 11:43 | 12.11 | 7.02 | 15.28 | -0.35 | 0.63 | | | |
| | 11:44 | 12.09 | 7.04 | 15.30 | -0.28 | 0.60 | | | |
| ZERO I | 11:12 | -0.03 | -0.06 | 0.01 | -0.47 | 0.09 | | | |
| SPAN I | 11:13 | 8.97 | 11.72 | 21.60 | 44.43 | 44.63 | | | |
| Average | | 12.05 | 7.08 | 15.53 | -0.26 | 0.45 | | | |
| ZERO f | 11:49 | -0.03 | -0.06 | 0.01 | -0.59 | 0.42 | | | |
| SPAN f | 11:50 | 8.96 | 11.70 | 21.65 | 44.29 | 44.82 | | | |
| Zero Drift % | | 0.0% | 0.0% | 0.0% | -0.1% | 0.3% | | | |
| Span Drift % | | 0.0% | -0.1% | 0.1% | -0.2% | 0.2% | | | |
| Corr. Avg. | | 12.12 | 7.29 | 15.72 | 0.27 | 0.20 | | | |

Corrected Average = [(Test Avg. - ((Zi+Zf) / 2))] * Span Gas Value / [((Si+Sf) / 2) - ((Zi+Zf) / 2)]

Zero Drift % = 100 * (Zf - Zi) / Instrument Range

Span Drift % = 100 * (Sf - Si) / Instrument Range

DAS CONTINUOUS EMISSIONS MONITORING DATA SHEET

Facility: Mt View Flares
 Location: Flare 2 (A-7)
 Observers: _____
 Expected Run Time = 30 min

Run #: 1
 Barometric: 29.95
 Personnel: BJ
 Std. Temp: 70

Date: 02/01/22
 Leak ✓ : OK
 Strat. ✓ : OK

Cylinder #s: _____

| Analyte | O2 | CO2 | NOx | CO | THC | | | | |
|--------------|-------|---------|--------|-------|--------|-------|--|--|----------------------|
| Analyzer | 110P | NGA2000 | 600CLD | 48i | 51 | | | | |
| Range | 20.98 | 18.98 | 45.30 | 89.40 | 100.00 | | | | |
| Span Value | 9.02 | 12.02 | 21.90 | 44.80 | 44.70 | | | | |
| Time | | | | | | | | | |
| | 12:00 | 11.75 | 7.33 | 13.91 | -0.73 | 0.41 | | | |
| | 12:01 | 11.86 | 7.23 | 13.67 | -0.73 | 0.40 | | | Unit # |
| | 12:02 | 11.81 | 7.27 | 13.80 | -0.72 | 0.42 | | | |
| | 12:03 | 11.82 | 7.26 | 13.70 | -0.73 | 0.40 | | | |
| | 12:04 | 11.74 | 7.32 | 13.82 | -0.69 | 0.39 | | | Operating Conditions |
| | 12:05 | 11.65 | 7.41 | 13.94 | -0.63 | 0.46 | | | |
| | 12:06 | 11.72 | 7.35 | 13.74 | -0.62 | 0.47 | | | |
| | 12:07 | 11.79 | 7.28 | 13.55 | -0.63 | 0.52 | | | Fuel |
| | 12:08 | 11.76 | 7.30 | 13.78 | -0.61 | 0.47 | | | |
| | 12:09 | 11.83 | 7.24 | 13.58 | -0.61 | 0.54 | | | |
| | 12:10 | 11.75 | 7.31 | 13.74 | -0.61 | 0.57 | | | |
| | 12:11 | 11.77 | 7.28 | 13.66 | -0.59 | 0.53 | | | |
| | 12:12 | 11.79 | 7.27 | 13.60 | -0.59 | 0.56 | | | |
| | 12:13 | 11.83 | 7.24 | 13.57 | -0.58 | 0.51 | | | |
| | 12:14 | 11.69 | 7.36 | 13.81 | -0.56 | 0.66 | | | |
| | 12:15 | 11.73 | 7.32 | 13.83 | -0.59 | 0.66 | | | |
| | 12:16 | 11.74 | 7.31 | 13.71 | -0.50 | 0.66 | | | |
| | 12:17 | 11.68 | 7.37 | 13.82 | -0.51 | 0.66 | | | |
| | 12:18 | 11.75 | 7.31 | 13.64 | -0.52 | 0.66 | | | |
| | 12:19 | 11.72 | 7.34 | 13.83 | -0.53 | 0.61 | | | |
| | 12:20 | 11.77 | 7.28 | 13.57 | -0.54 | 0.66 | | | |
| | 12:21 | 11.73 | 7.32 | 13.70 | -0.52 | 0.66 | | | |
| | 12:22 | 11.69 | 7.35 | 13.80 | -0.52 | 0.66 | | | |
| | 12:23 | 11.64 | 7.40 | 13.89 | -0.49 | 0.66 | | | |
| | 12:24 | 11.61 | 7.43 | 13.97 | -0.51 | 0.66 | | | |
| | 12:25 | 11.66 | 7.38 | 13.87 | -0.48 | 0.61 | | | |
| | 12:26 | 11.70 | 7.35 | 13.86 | -0.50 | 0.65 | | | |
| | 12:27 | 11.69 | 7.36 | 13.87 | -0.49 | 0.65 | | | |
| | 12:28 | 11.77 | 7.29 | 13.68 | -0.49 | 0.65 | | | |
| | 12:29 | 11.66 | 7.39 | 13.89 | -0.51 | 0.61 | | | |
| ZERO I | 11:49 | -0.03 | -0.06 | 0.01 | -0.59 | 0.42 | | | |
| SPAN I | 11:50 | 8.96 | 11.70 | 21.65 | 44.29 | 44.82 | | | |
| Average | | 11.74 | 7.32 | 13.76 | -0.58 | 0.57 | | | |
| ZERO f | 12:34 | -0.03 | -0.07 | 0.00 | -0.61 | 0.37 | | | |
| SPAN f | 12:35 | 8.96 | 11.67 | 21.69 | 44.16 | 44.83 | | | |
| Zero Drift % | | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| Span Drift % | | 0.0% | -0.1% | 0.1% | -0.1% | 0.0% | | | |
| Corr. Avg. | | 11.80 | 7.56 | 13.90 | 0.02 | 0.17 | | | |

Corrected Average = [Test Avg. - ((Zi+Zf) / 2)] * Span Gas Value / [((Si+Sf) / 2) - ((Zi+Zf) / 2)]

Zero Drift % = 100 * (Zf - Zi) / Instrument Range

Span Drift % = 100 * (Sf - Si) / Instrument Range

DAS CONTINUOUS EMISSIONS MONITORING DATA SHEET

Facility: Mt View Flares
 Location: Flare 2 (A-7)
 Observers: _____
 Expected Run Time = 30 min

Run #: 2
 Barometric: 29.95
 Personnel: BJ
 Std. Temp: 70

Date: 02/01/22
 Leak ✓ : OK
 Strat. ✓ : OK

Cylinder #s: _____

| Analyte | O2 | CO2 | NOx | CO | THC | | | | |
|--------------|-------|---------|--------|-------|--------|-------|--|--|----------------------|
| Analyzer | 110P | NGA2000 | 600CLD | 48i | 51 | | | | |
| Range | 20.98 | 18.98 | 45.30 | 89.40 | 100.00 | | | | |
| Span Value | 9.02 | 12.02 | 21.90 | 44.80 | 44.70 | | | | |
| Time | | | | | | | | | Comments: |
| | 12:38 | 11.67 | 7.36 | 13.99 | -0.48 | 0.66 | | | |
| | 12:39 | 11.66 | 7.37 | 13.97 | -0.49 | 0.66 | | | Unit # |
| | 12:40 | 11.58 | 7.44 | 14.19 | -0.46 | 0.66 | | | |
| | 12:41 | 11.62 | 7.40 | 14.13 | -0.48 | 0.66 | | | |
| | 12:42 | 11.63 | 7.40 | 14.18 | -0.47 | 0.67 | | | Operating Conditions |
| | 12:43 | 11.60 | 7.42 | 14.21 | -0.46 | 0.72 | | | |
| | 12:44 | 11.63 | 7.39 | 14.26 | -0.41 | 0.86 | | | |
| | 12:45 | 11.64 | 7.38 | 14.19 | -0.40 | 0.73 | | | Fuel |
| | 12:46 | 11.67 | 7.36 | 14.07 | -0.40 | 0.78 | | | |
| | 12:47 | 11.60 | 7.42 | 14.27 | -0.38 | 0.71 | | | |
| | 12:48 | 11.59 | 7.44 | 14.32 | -0.37 | 0.73 | | | |
| | 12:49 | 11.63 | 7.40 | 14.23 | -0.37 | 0.81 | | | |
| | 12:50 | 11.63 | 7.39 | 14.20 | -0.36 | 0.75 | | | |
| | 12:51 | 11.69 | 7.34 | 14.05 | -0.37 | 0.73 | | | |
| | 12:52 | 11.60 | 7.42 | 14.27 | -0.37 | 0.66 | | | |
| | 12:53 | 11.56 | 7.45 | 14.19 | -0.37 | 0.66 | | | |
| | 12:54 | 11.59 | 7.43 | 14.18 | -0.36 | 0.67 | | | |
| | 12:55 | 11.57 | 7.44 | 14.28 | -0.37 | 0.66 | | | |
| | 12:56 | 11.64 | 7.38 | 14.09 | -0.37 | 0.66 | | | |
| | 12:57 | 11.60 | 7.41 | 14.16 | -0.35 | 0.67 | | | |
| | 12:58 | 11.97 | 7.10 | 13.37 | -0.37 | 0.70 | | | |
| | 12:59 | 11.79 | 7.26 | 13.76 | -0.37 | 0.67 | | | |
| | 13:00 | 11.67 | 7.36 | 14.03 | -0.37 | 0.74 | | | |
| | 13:01 | 11.72 | 7.32 | 13.86 | -0.37 | 0.67 | | | |
| | 13:02 | 11.74 | 7.30 | 13.83 | -0.38 | 0.66 | | | |
| | 13:03 | 11.75 | 7.29 | 13.84 | -0.36 | 0.72 | | | |
| | 13:04 | 11.68 | 7.35 | 13.97 | -0.38 | 0.76 | | | |
| | 13:05 | 11.75 | 7.29 | 13.83 | -0.37 | 0.67 | | | |
| | 13:06 | 11.71 | 7.32 | 13.85 | -0.42 | 0.67 | | | |
| | 13:07 | 11.76 | 7.28 | 13.70 | -0.41 | 0.67 | | | |
| ZERO I | 12:34 | -0.03 | -0.07 | 0.00 | -0.61 | 0.37 | | | |
| SPAN I | 12:35 | 8.96 | 11.67 | 21.69 | 44.16 | 44.83 | | | |
| Average | | 11.67 | 7.36 | 14.05 | -0.40 | 0.70 | | | |
| ZERO f | 13:13 | -0.03 | -0.07 | 0.00 | -0.62 | 0.62 | | | |
| SPAN f | 13:14 | 8.95 | 11.65 | 21.72 | 44.06 | 44.90 | | | |
| Zero Drift % | | 0.0% | 0.0% | 0.0% | 0.0% | 0.2% | | | |
| Span Drift % | | 0.0% | -0.1% | 0.1% | -0.1% | 0.1% | | | |
| Corr. Avg. | | 11.74 | 7.61 | 14.18 | 0.22 | 0.21 | | | |

Corrected Average = [Test Avg. - ((Zi+Zf) / 2)] * Span Gas Value / [((Si+Sf) / 2) - ((Zi+Zf) / 2)]

Zero Drift % = 100 * (Zf - Zi) / Instrument Range

Span Drift % = 100 * (Sf - Si) / Instrument Range

DAS CONTINUOUS EMISSIONS MONITORING DATA SHEET

Facility: Mt View Flares
 Location: Flare 2 (A-7)
 Observers: _____
 Expected Run Time = 30 min

Run #: 3
 Barometric: 29.95
 Personnel: BJ
 Std. Temp: 70

Date: 02/01/22
 Leak ✓ : OK
 Strat. ✓ : OK

Cylinder #s: _____

| Analyte | O2 | CO2 | NOx | CO | THC | | | | |
|--------------|-------|---------|--------|-------|--------|-------|--|--|----------------------|
| Analyzer | 110P | NGA2000 | 600CLD | 48i | 51 | | | | |
| Range | 20.98 | 18.98 | 45.30 | 89.40 | 100.00 | | | | |
| Span Value | 9.02 | 12.02 | 21.90 | 44.80 | 44.70 | | | | |
| Time | | | | | | | | | |
| | 13:16 | 11.70 | 7.32 | 13.87 | -0.48 | 0.69 | | | |
| | 13:17 | 11.63 | 7.38 | 13.99 | -0.45 | 0.70 | | | Unit # |
| | 13:18 | 11.69 | 7.33 | 13.83 | -0.45 | 0.69 | | | |
| | 13:19 | 11.59 | 7.42 | 13.98 | -0.41 | 0.71 | | | |
| | 13:20 | 11.57 | 7.44 | 14.20 | -0.37 | 0.66 | | | Operating Conditions |
| | 13:21 | 11.51 | 7.50 | 14.27 | -0.40 | 0.66 | | | |
| | 13:22 | 11.88 | 7.17 | 13.54 | -0.38 | 0.69 | | | |
| | 13:23 | 11.62 | 7.40 | 14.02 | -0.39 | 0.66 | | | Fuel |
| | 13:24 | 11.57 | 7.44 | 14.16 | -0.38 | 0.66 | | | |
| | 13:25 | 11.65 | 7.37 | 14.04 | -0.37 | 0.66 | | | |
| | 13:26 | 11.69 | 7.34 | 13.92 | -0.38 | 0.68 | | | |
| | 13:27 | 11.59 | 7.42 | 14.17 | -0.38 | 0.67 | | | |
| | 13:28 | 11.66 | 7.37 | 14.12 | -0.38 | 0.67 | | | |
| | 13:29 | 11.63 | 7.38 | 14.10 | -0.37 | 0.68 | | | |
| | 13:30 | 11.72 | 7.31 | 13.99 | -0.37 | 0.66 | | | |
| | 13:31 | 11.74 | 7.29 | 13.92 | -0.38 | 0.66 | | | |
| | 13:32 | 11.69 | 7.33 | 13.99 | -0.38 | 0.66 | | | |
| | 13:33 | 11.69 | 7.33 | 14.06 | -0.38 | 0.68 | | | |
| | 13:34 | 11.69 | 7.33 | 14.06 | -0.39 | 0.72 | | | |
| | 13:35 | 11.68 | 7.34 | 13.99 | -0.41 | 0.73 | | | |
| | 13:36 | 11.72 | 7.30 | 13.92 | -0.43 | 0.68 | | | |
| | 13:37 | 11.72 | 7.30 | 13.81 | -0.40 | 0.66 | | | |
| | 13:38 | 11.72 | 7.30 | 13.89 | -0.46 | 0.66 | | | |
| | 13:39 | 11.77 | 7.26 | 13.77 | -0.46 | 0.70 | | | |
| | 13:40 | 11.83 | 7.20 | 13.61 | -0.45 | 0.66 | | | |
| | 13:41 | 11.79 | 7.24 | 13.72 | -0.48 | 0.66 | | | |
| | 13:42 | 11.75 | 7.27 | 13.89 | -0.49 | 0.71 | | | |
| | 13:43 | 11.82 | 7.21 | 13.72 | -0.49 | 0.66 | | | |
| | 13:44 | 11.75 | 7.27 | 13.84 | -0.49 | 0.66 | | | |
| | 13:45 | 11.70 | 7.32 | 13.81 | -0.49 | 0.66 | | | |
| ZERO I | 13:13 | -0.03 | -0.07 | 0.00 | -0.62 | 0.62 | | | |
| SPAN I | 13:14 | 8.95 | 11.65 | 21.72 | 44.06 | 44.90 | | | |
| Average | | 11.69 | 7.33 | 13.94 | -0.42 | 0.68 | | | |
| ZERO f | 13:50 | -0.03 | -0.07 | 0.00 | -0.71 | 0.58 | | | |
| SPAN f | 13:52 | 8.95 | 11.64 | 21.74 | 43.91 | 44.84 | | | |
| Zero Drift % | | 0.0% | 0.0% | 0.0% | -0.1% | 0.0% | | | |
| Span Drift % | | 0.0% | -0.1% | 0.0% | -0.2% | -0.1% | | | |
| Corr. Avg. | | 11.77 | 7.59 | 14.05 | 0.25 | 0.07 | | | |

Corrected Average = [Test Avg. - ((Zi+Zf) / 2)] * Span Gas Value / [((Si+Sf) / 2) - ((Zi+Zf) / 2)]

Zero Drift % = 100 * (Zf - Zi) / Instrument Range

Span Drift % = 100 * (Sf - Si) / Instrument Range

DAS CONTINUOUS EMISSIONS MONITORING DATA SHEET

Facility: Mt View Flares
 Location: Flare 3 (A-8)
 Observers: _____
 Expected Run Time = 30 min

Run #: 1
 Barometric: 29.95
 Personnel: BJ
 Std. Temp: 70

Date: 02/01/22
 Leak ✓ : OK
 Strat. ✓ : OK

Cylinder #s: _____

| Analyte | O2 | CO2 | NOx | CO | THC | | | | |
|--------------|-------|---------|--------|-------|--------|-------|--|--|----------------------|
| Analyzer | 110P | NGA2000 | 600CLD | 48i | 51 | | | | |
| Range | 20.98 | 18.98 | 45.30 | 89.40 | 100.00 | | | | |
| Span Value | 9.02 | 12.02 | 21.90 | 44.80 | 44.70 | | | | |
| Time | | | | | | | | | |
| | 14:15 | 11.64 | 7.36 | 16.88 | -0.74 | 1.06 | | | Comments: |
| | 14:16 | 11.59 | 7.41 | 17.39 | -0.86 | 1.06 | | | Unit # |
| | 14:17 | 11.99 | 7.05 | 16.32 | -0.63 | 1.04 | | | |
| | 14:18 | 11.33 | 7.63 | 17.74 | -0.84 | 0.97 | | | |
| | 14:19 | 12.13 | 6.92 | 15.88 | -0.67 | 0.93 | | | Operating Conditions |
| | 14:20 | 11.20 | 7.74 | 17.95 | -0.79 | 1.02 | | | |
| | 14:21 | 12.07 | 6.99 | 16.12 | -0.47 | 1.03 | | | |
| | 14:22 | 11.46 | 7.51 | 17.10 | -0.55 | 0.93 | | | Fuel |
| | 14:23 | 11.61 | 7.39 | 17.49 | -0.83 | 1.03 | | | |
| | 14:24 | 12.15 | 6.90 | 15.81 | 0.15 | 1.05 | | | |
| | 14:25 | 11.23 | 7.72 | 18.10 | -0.83 | 1.05 | | | |
| | 14:26 | 12.26 | 6.81 | 15.88 | -0.45 | 1.06 | | | |
| | 14:27 | 11.49 | 7.48 | 17.23 | -0.61 | 1.06 | | | |
| | 14:28 | 11.86 | 7.17 | 17.01 | -0.67 | 1.06 | | | |
| | 14:29 | 12.08 | 6.96 | 15.98 | -0.24 | 1.08 | | | |
| | 14:30 | 11.50 | 7.48 | 17.41 | -0.83 | 1.07 | | | |
| | 14:31 | 12.07 | 6.97 | 16.35 | -0.83 | 1.08 | | | |
| | 14:32 | 11.62 | 7.37 | 17.04 | -0.71 | 1.06 | | | |
| | 14:33 | 11.56 | 7.43 | 17.67 | -0.84 | 1.06 | | | |
| | 14:34 | 12.10 | 6.95 | 16.04 | -0.51 | 1.06 | | | |
| | 14:35 | 11.45 | 7.52 | 17.60 | -0.72 | 1.06 | | | |
| | 14:36 | 11.88 | 7.15 | 16.83 | -0.85 | 1.06 | | | |
| | 14:37 | 11.65 | 7.34 | 16.91 | -0.78 | 1.04 | | | |
| | 14:38 | 11.56 | 7.43 | 17.56 | -0.86 | 1.06 | | | |
| | 14:39 | 12.20 | 6.86 | 15.94 | -0.15 | 1.06 | | | |
| | 14:40 | 11.60 | 7.39 | 17.12 | -0.59 | 1.07 | | | |
| | 14:41 | 11.51 | 7.47 | 17.45 | -0.88 | 1.06 | | | |
| | 14:42 | 11.72 | 7.28 | 17.13 | -0.89 | 1.06 | | | |
| | 14:43 | 11.80 | 7.21 | 16.83 | -0.87 | 1.06 | | | |
| | 14:44 | 11.71 | 7.29 | 17.03 | -0.84 | 1.06 | | | |
| ZERO I | 13:50 | -0.03 | -0.07 | 0.00 | -0.71 | 0.58 | | | |
| SPAN I | 13:52 | 8.95 | 11.64 | 21.74 | 43.91 | 44.84 | | | |
| Average | | 11.73 | 7.27 | 16.93 | -0.67 | 1.05 | | | |
| ZERO f | 14:49 | -0.03 | -0.07 | 0.00 | -0.73 | 0.66 | | | |
| SPAN f | 14:50 | 8.95 | 11.61 | 21.77 | 43.74 | 46.49 | | | |
| Zero Drift % | | 0.0% | 0.0% | 0.0% | 0.0% | 0.1% | | | |
| Span Drift % | | 0.0% | -0.1% | 0.1% | -0.2% | 1.6% | | | |
| Corr. Avg. | | 11.82 | 7.55 | 17.04 | 0.05 | 0.42 | | | |

Corrected Average = [(Test Avg. - ((Zi+Zf) / 2)) * Span Gas Value / (((Si+Sf) / 2) - ((Zi+Zf) / 2))]

Zero Drift % = 100 * (Zf - Zi) / Instrument Range

Span Drift % = 100 * (Sf - Si) / Instrument Range

DAS CONTINUOUS EMISSIONS MONITORING DATA SHEET

Facility: Mt View Flares
 Location: Flare 3 (A-8)
 Observers: _____
 Expected Run Time = 30 min
 Cylinder #s: _____

Run #: 2
 Barometric: 29.95
 Personnel: BJ
 Std. Temp: 70

Date: 02/01/22
 Leak ✓ : OK
 Strat. ✓ : OK

| Analyte | O2 | CO2 | NOx | CO | THC | | | | |
|--------------|-------|---------|--------|-------|--------|-------|--|--|----------------------|
| Analyzer | 110P | NGA2000 | 600CLD | 48i | 51 | | | | |
| Range | 20.98 | 18.98 | 45.30 | 89.40 | 100.00 | | | | |
| Span Value | 9.02 | 12.02 | 21.90 | 44.80 | 44.70 | | | | |
| Time | | | | | | | | | |
| | | | | | | | | | Comments: |
| | 14:53 | 11.76 | 7.23 | 16.74 | -0.89 | 1.06 | | | |
| | 14:54 | 11.74 | 7.25 | 16.87 | -0.86 | 1.05 | | | Unit # |
| | 14:55 | 11.80 | 7.20 | 16.61 | -0.81 | 1.06 | | | |
| | 14:56 | 11.72 | 7.28 | 16.77 | -0.86 | 1.06 | | | |
| | 14:57 | 11.75 | 7.25 | 16.77 | -0.83 | 1.03 | | | Operating Conditions |
| | 14:58 | 11.70 | 7.30 | 16.93 | -0.83 | 1.06 | | | |
| | 14:59 | 11.62 | 7.37 | 17.17 | -0.82 | 1.06 | | | |
| | 15:00 | 11.64 | 7.35 | 17.24 | -0.78 | 0.98 | | | Fuel |
| | 15:01 | 11.59 | 7.40 | 17.39 | -0.83 | 1.06 | | | |
| | 15:02 | 11.60 | 7.39 | 17.37 | -0.83 | 1.06 | | | |
| | 15:03 | 11.66 | 7.33 | 17.18 | -0.76 | 1.01 | | | |
| | 15:04 | 11.70 | 7.30 | 17.05 | -0.74 | 1.06 | | | |
| | 15:05 | 11.65 | 7.35 | 17.23 | -0.79 | 1.04 | | | |
| | 15:06 | 11.64 | 7.35 | 17.26 | -0.78 | 1.05 | | | |
| | 15:07 | 11.59 | 7.40 | 17.43 | -0.80 | 1.02 | | | |
| | 15:08 | 11.74 | 7.26 | 17.05 | -0.81 | 0.99 | | | |
| | 15:09 | 11.64 | 7.35 | 17.28 | -0.77 | 1.03 | | | |
| | 15:10 | 11.72 | 7.28 | 17.15 | -0.76 | 1.06 | | | |
| | 15:11 | 11.64 | 7.35 | 17.24 | -0.77 | 1.00 | | | |
| | 15:12 | 11.76 | 7.25 | 17.03 | -0.77 | 1.05 | | | |
| | 15:13 | 11.89 | 7.13 | 16.74 | -0.75 | 1.03 | | | |
| | 15:14 | 11.85 | 7.17 | 16.62 | -0.77 | 1.07 | | | |
| | 15:15 | 11.64 | 7.35 | 17.16 | -0.81 | 1.05 | | | |
| | 15:16 | 11.64 | 7.34 | 17.03 | -0.81 | 1.03 | | | |
| | 15:17 | 11.77 | 7.23 | 16.88 | -0.76 | 0.98 | | | |
| | 15:18 | 11.72 | 7.28 | 16.96 | -0.79 | 1.02 | | | |
| | 15:19 | 11.79 | 7.22 | 16.79 | -0.80 | 0.95 | | | |
| | 15:20 | 11.71 | 7.29 | 16.98 | -0.76 | 0.98 | | | |
| | 15:21 | 11.71 | 7.28 | 16.98 | -0.77 | 1.02 | | | |
| | 15:22 | 11.79 | 7.20 | 16.86 | -0.77 | 0.93 | | | |
| ZERO I | 14:49 | -0.03 | -0.07 | 0.00 | -0.73 | 0.66 | | | |
| SPAN I | 14:50 | 8.95 | 11.61 | 21.77 | 43.74 | 46.49 | | | |
| Average | | 11.71 | 7.29 | 17.03 | -0.80 | 1.03 | | | |
| ZERO f | 15:27 | -0.03 | -0.07 | 0.01 | -0.75 | 0.66 | | | |
| SPAN f | 15:29 | 8.94 | 11.61 | 21.79 | 43.69 | 46.56 | | | |
| Zero Drift % | | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| Span Drift % | | 0.0% | 0.0% | 0.0% | -0.1% | 0.1% | | | |
| Corr. Avg. | | 11.80 | 7.58 | 17.12 | -0.05 | 0.36 | | | |

Corrected Average = [Test Avg. - ((Zi+Zf) / 2)] * Span Gas Value / [((Si+St) / 2) - ((Zi+Zf) / 2)]

Zero Drift % = 100 * (Zf - Zi) / Instrument Range

Span Drift % = 100 * (Sf - Si) / Instrument Range

DAS CONTINUOUS EMISSIONS MONITORING DATA SHEET

Facility: Mt View Flares
 Location: Flare 3 (A-8)
 Observers: _____
 Expected Run Time = 30 min

Run #: 3
 Barometric: 29.95
 Personnel: BJ
 Std. Temp: 70

Date: 02/01/22
 Leak ✓ : OK
 Strat. ✓ : OK

Cylinder #s: _____

| Analyte | O2 | CO2 | NOx | CO | THC | | | | |
|--------------|-------|---------|--------|-------|--------|-------|--|--|----------------------|
| Analyzer | 110P | NGA2000 | 600CLD | 48i | 51 | | | | |
| Range | 20.98 | 18.98 | 45.30 | 89.40 | 100.00 | | | | |
| Span Value | 9.02 | 12.02 | 21.90 | 44.80 | 44.70 | | | | |
| Time | | | | | | | | | |
| | 15:32 | 11.34 | 7.58 | 17.60 | -0.68 | 0.82 | | | |
| | 15:33 | 11.83 | 7.16 | 16.81 | -0.75 | 0.87 | | | Unit # |
| | 15:34 | 11.66 | 7.30 | 16.90 | -0.74 | 0.93 | | | |
| | 15:35 | 11.57 | 7.39 | 17.45 | -0.73 | 0.80 | | | |
| | 15:36 | 12.02 | 6.99 | 15.92 | -0.41 | 0.96 | | | Operating Conditions |
| | 15:37 | 11.41 | 7.53 | 17.57 | -0.61 | 0.91 | | | |
| | 15:38 | 11.76 | 7.22 | 17.02 | -0.74 | 0.90 | | | |
| | 15:39 | 11.76 | 7.22 | 16.67 | -0.68 | 1.01 | | | Fuel |
| | 15:40 | 11.26 | 7.67 | 18.14 | -0.74 | 1.07 | | | |
| | 15:41 | 12.12 | 6.90 | 16.08 | -0.60 | 1.06 | | | |
| | 15:42 | 11.83 | 7.16 | 16.53 | -0.68 | 1.07 | | | |
| | 15:43 | 11.76 | 7.22 | 16.88 | -0.76 | 1.06 | | | |
| | 15:44 | 11.72 | 7.25 | 17.00 | -0.76 | 1.07 | | | |
| | 15:45 | 11.77 | 7.21 | 16.93 | -0.75 | 1.06 | | | |
| | 15:46 | 11.79 | 7.20 | 16.63 | -0.75 | 1.06 | | | |
| | 15:47 | 11.73 | 7.24 | 16.86 | -0.75 | 1.06 | | | |
| | 15:48 | 11.65 | 7.31 | 17.05 | -0.76 | 1.06 | | | |
| | 15:49 | 11.65 | 7.32 | 17.04 | -0.76 | 1.06 | | | |
| | 15:50 | 11.71 | 7.26 | 16.97 | -0.78 | 1.06 | | | |
| | 15:51 | 11.71 | 7.27 | 17.11 | -0.76 | 1.05 | | | |
| | 15:52 | 11.58 | 7.38 | 17.30 | -0.77 | 1.06 | | | |
| | 15:53 | 11.54 | 7.42 | 17.44 | -0.82 | 1.06 | | | |
| | 15:54 | 11.62 | 7.34 | 17.29 | -0.78 | 1.05 | | | |
| | 15:55 | 11.64 | 7.32 | 17.19 | -0.79 | 1.06 | | | |
| | 15:56 | 11.54 | 7.42 | 17.47 | -0.81 | 1.06 | | | |
| | 15:57 | 11.54 | 7.41 | 17.48 | -0.77 | 1.06 | | | |
| | 15:58 | 11.62 | 7.35 | 17.27 | -0.78 | 1.04 | | | |
| | 15:59 | 11.90 | 7.09 | 16.61 | -0.73 | 1.06 | | | |
| | 16:00 | 11.60 | 7.36 | 17.23 | -0.76 | 1.05 | | | |
| | 16:01 | 11.64 | 7.33 | 17.16 | -0.76 | 1.05 | | | |
| ZERO I | 15:27 | -0.03 | -0.07 | 0.01 | -0.75 | 0.66 | | | |
| SPAN I | 15:29 | 8.94 | 11.61 | 21.79 | 43.69 | 46.56 | | | |
| Average | | 11.68 | 7.29 | 17.05 | -0.73 | 1.02 | | | |
| ZERO f | 16:06 | -0.03 | -0.07 | 0.00 | -0.75 | 0.66 | | | |
| SPAN f | 16:07 | 8.94 | 11.60 | 21.79 | 43.61 | 46.66 | | | |
| Zero Drift % | | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| Span Drift % | | 0.0% | 0.0% | 0.0% | -0.1% | 0.1% | | | |
| Corr. Avg. | | 11.77 | 7.58 | 17.14 | 0.02 | 0.35 | | | |

Corrected Average = [(Test Avg. - ((Zi+Zf) / 2)) * Span Gas Value / (((Si+Sf) / 2) - ((Zi+Zf) / 2))]

Zero Drift % = 100 * (Zf - Zi) / Instrument Range

Span Drift % = 100 * (Sf - Si) / Instrument Range

DAS CONTINUOUS EMISSIONS MONITORING DATA SHEET

Facility: Mt View
 Location: Microturbines S16, SPS Station
 Observers: _____
 Expected Run Time = 30 min
 Cylinder #s: _____

Run #: 1
 Barometric: 30.95
 Personnel: BJ
 Std. Temp: 70

Date: 02/02/22
 Leak ✓ : OK
 Strat. ✓ : OK

| Analyte | O2 | THC | Comments: | | | | |
|--------------|-------|-------|-----------|--|--|--|----------------------|
| Analyzer | 110P | 51 | | | | | |
| Range | 25 | 30 | | | | | |
| Span Value | 20.98 | 26.9 | | | | | |
| Time | | | | | | | |
| 11:28 | 17.21 | 5.2 | | | | | |
| 11:29 | 17.21 | 5.2 | | | | | Unit # |
| 11:30 | 17.21 | 5.2 | | | | | |
| 11:31 | 17.21 | 5.2 | | | | | |
| 11:32 | 17.21 | 6.3 | | | | | Operating Conditions |
| 11:33 | 17.22 | 19.1 | | | | | |
| 11:34 | 17.22 | 7.1 | | | | | |
| 11:35 | 17.21 | 5.2 | | | | | Fuel |
| 11:36 | 17.20 | 4.9 | | | | | |
| 11:37 | 17.20 | 4.9 | | | | | |
| 11:38 | 17.21 | 4.8 | | | | | |
| 11:39 | 17.21 | 4.7 | | | | | |
| 11:40 | 17.20 | 4.3 | | | | | |
| 11:41 | 17.20 | 4.4 | | | | | |
| 11:42 | 17.20 | 4.4 | | | | | |
| 11:43 | 17.20 | 4.7 | | | | | |
| 11:44 | 17.21 | 5.0 | | | | | |
| 11:45 | 17.21 | 4.6 | | | | | |
| 11:46 | 17.22 | 4.6 | | | | | |
| 11:47 | 17.22 | 4.6 | | | | | |
| 11:48 | 17.22 | 4.5 | | | | | |
| 11:49 | 17.22 | 4.7 | | | | | |
| 11:50 | 17.22 | 5.2 | | | | | |
| 11:51 | 17.21 | 4.7 | | | | | |
| 11:52 | 17.21 | 4.8 | | | | | |
| 11:53 | 17.21 | 4.8 | | | | | |
| 11:54 | 17.21 | 4.7 | | | | | |
| 11:55 | 17.22 | 5.0 | | | | | |
| 11:56 | 17.22 | 4.9 | | | | | |
| 11:57 | 17.22 | 4.9 | | | | | |
| ZERO I | 10:58 | 0.04 | | | | | |
| SPAN I | 11:01 | 20.96 | | | | | |
| Average | | 17.21 | | | | | |
| ZERO f | 11:58 | 0.00 | | | | | |
| SPAN f | 12:01 | 20.89 | | | | | |
| Zero Drift % | | -0.2% | | | | | |
| Span Drift % | | -0.3% | | | | | |
| Corr. Avg. | | 17.25 | | | | | |

Corrected Average = [Test Avg. - ((Zi+Zf) / 2)] * Span Gas Value / [(Si+Sf) / 2 - ((Zi+Zf) / 2)]
 Zero Drift % = 100 * (Zf - Zi) / Instrument Range
 Span Drift % = 100 * (Sf - Si) / Instrument Range

DAS CONTINUOUS EMISSIONS MONITORING DATA SHEET

Facility: Mt View
 Location: Microturbines S16, SPS Station
 Observers: _____
 Expected Run Time = 30 min

Run #: 2
 Barometric: 30.95
 Personnel: BJ
 Std. Temp: 70

Date: 02/02/22
 Leak ✓ : OK
 Strat. ✓ : OK

Cylinder #s: _____

| | | | | | | | | |
|------------|-------|--|--|--|------|--|--|--|
| Analyte | O2 | | | | THC | | | |
| Analyzer | 110P | | | | 51 | | | |
| Range | 25 | | | | 30 | | | |
| Span Value | 20.98 | | | | 26.9 | | | |

| Time | | Comments: | | | | | | |
|--------------|-------|-----------|--|--|-------|--|--|----------------------|
| 12:04 | 17.21 | | | | 5.2 | | | |
| 12:05 | 17.21 | | | | 5.1 | | | Unit # |
| 12:06 | 17.22 | | | | 5.2 | | | |
| 12:07 | 17.22 | | | | 5.0 | | | |
| 12:08 | 17.22 | | | | 5.3 | | | Operating Conditions |
| 12:09 | 17.22 | | | | 5.4 | | | |
| 12:10 | 17.22 | | | | 5.2 | | | |
| 12:11 | 17.22 | | | | 5.4 | | | Fuel |
| 12:12 | 17.22 | | | | 5.6 | | | |
| 12:13 | 17.21 | | | | 6.8 | | | |
| 12:14 | 17.22 | | | | 5.3 | | | |
| 12:15 | 17.22 | | | | 5.4 | | | |
| 12:16 | 17.22 | | | | 5.2 | | | |
| 12:17 | 17.22 | | | | 5.0 | | | |
| 12:18 | 17.22 | | | | 5.1 | | | |
| 12:19 | 17.22 | | | | 5.4 | | | |
| 12:20 | 17.22 | | | | 5.3 | | | |
| 12:21 | 17.23 | | | | 5.3 | | | |
| 12:22 | 17.23 | | | | 5.5 | | | |
| 12:23 | 17.22 | | | | 5.2 | | | |
| 12:24 | 17.22 | | | | 5.2 | | | |
| 12:25 | 17.22 | | | | 5.4 | | | |
| 12:26 | 17.23 | | | | 5.4 | | | |
| 12:27 | 17.22 | | | | 5.4 | | | |
| 12:28 | 17.23 | | | | 5.2 | | | |
| 12:29 | 17.23 | | | | 5.4 | | | |
| 12:30 | 17.23 | | | | 5.9 | | | |
| 12:31 | 17.23 | | | | 6.0 | | | |
| 12:32 | 17.22 | | | | 5.4 | | | |
| 12:33 | 17.22 | | | | 5.3 | | | |
| ZERO I | 11:58 | 0.00 | | | 0.2 | | | |
| SPAN I | 12:01 | 20.89 | | | 27.2 | | | |
| Average | | 17.22 | | | 5.4 | | | |
| ZERO f | 12:34 | 0.00 | | | 0.1 | | | |
| SPAN f | 12:37 | 20.86 | | | 27.2 | | | |
| Zero Drift % | | 0.0% | | | -0.6% | | | |
| Span Drift % | | -0.1% | | | 0.0% | | | |
| Corr. Avg. | | 17.31 | | | 5.21 | | | |

Corrected Average = [Test Avg. - ((Zi+Zf) / 2)] * Span Gas Value / [((Si+Sf) / 2) - ((Zi+Zf) / 2)]
 Zero Drift % = 100 * (Zf - Zi) / Instrument Range
 Span Drift % = 100 * (Sf - Si) / Instrument Range

DAS CONTINUOUS EMISSIONS MONITORING DATA SHEET

Facility: Mt View
 Location: Microturbines S16, SPS Station
 Observers: _____
 Expected Run Time = 30 min

Run #: 3
 Barometric: 30.95
 Personnel: BJ
 Std. Temp: 70

Date: 02/02/22
 Leak ✓ : OK
 Strat. ✓ : OK

Cylinder #s: _____

| Analyte | O2 | THC | Comments: | | | | |
|--------------|-------|-------|-----------|--|--|--|----------------------|
| Analyzer | 110P | 51 | | | | | |
| Range | 25 | 30 | | | | | |
| Span Value | 20.98 | 26.9 | | | | | |
| Time | | | | | | | |
| 12:41 | 17.22 | 5.6 | | | | | |
| 12:42 | 17.23 | 5.6 | | | | | Unit # |
| 12:43 | 17.24 | 5.7 | | | | | |
| 12:44 | 17.24 | 5.9 | | | | | |
| 12:45 | 17.23 | 5.6 | | | | | Operating Conditions |
| 12:46 | 17.24 | 5.9 | | | | | |
| 12:47 | 17.24 | 5.4 | | | | | |
| 12:48 | 17.24 | 5.6 | | | | | Fuel |
| 12:49 | 17.24 | 6.2 | | | | | |
| 12:50 | 17.23 | 5.3 | | | | | |
| 12:51 | 17.23 | 5.4 | | | | | |
| 12:52 | 17.23 | 5.7 | | | | | |
| 12:53 | 17.23 | 5.6 | | | | | |
| 12:54 | 17.23 | 5.8 | | | | | |
| 12:55 | 17.23 | 5.6 | | | | | |
| 12:56 | 17.23 | 5.5 | | | | | |
| 12:57 | 17.23 | 5.7 | | | | | |
| 12:58 | 17.23 | 5.9 | | | | | |
| 12:59 | 17.22 | 5.6 | | | | | |
| 13:00 | 17.23 | 5.5 | | | | | |
| 13:01 | 17.22 | 5.2 | | | | | |
| 13:02 | 17.23 | 5.7 | | | | | |
| 13:03 | 17.23 | 5.8 | | | | | |
| 13:04 | 17.24 | 5.5 | | | | | |
| 13:05 | 17.23 | 5.2 | | | | | |
| 13:06 | 17.23 | 5.3 | | | | | |
| 13:07 | 17.23 | 5.5 | | | | | |
| 13:08 | 17.23 | 5.8 | | | | | |
| 13:09 | 17.23 | 5.6 | | | | | |
| 13:10 | 17.23 | 5.7 | | | | | |
| ZERO I | 12:34 | 0.00 | | | | | |
| SPAN I | 12:37 | 20.86 | | | | | |
| Average | | 17.23 | | | | | |
| ZERO f | 13:11 | 0.00 | | | | | |
| SPAN f | 13:14 | 20.88 | | | | | |
| Zero Drift % | | 0.0% | | | | | |
| Span Drift % | | 0.1% | | | | | |
| Corr. Avg. | | 17.32 | | | | | |

Corrected Average = [Test Avg. - ((Zi+Zf) / 2)] * Span Gas Value / [((Si+Sf) / 2) - ((Zi+Zf) / 2)]

Zero Drift % = 100 * (Zf - Zi) / Instrument Range

Span Drift % = 100 * (Sf - Si) / Instrument Range

DAS CONTINUOUS EMISSIONS MONITORING DATA SHEET

Facility: Mt View
 Location: Microturbines S17, Flare Station
 Observers: _____
 Expected Run Time = 30 min

Run #: 1
 Barometric: 30.95
 Personnel: BJ
 Std. Temp: 70

Date: 02/02/22
 Leak ✓ : OK
 Strat. ✓ : OK

Cylinder #s: _____

| Analyte | O2 | THC | Comments: | | | | |
|--------------|-------|-------|-----------|--|--|--|----------------------|
| Analyzer | 110P | 51 | | | | | |
| Range | 25 | 30 | | | | | |
| Span Value | 20.98 | 26.9 | | | | | |
| Time | | | | | | | |
| 9:13 | 17.11 | 31.7 | | | | | |
| 9:14 | 17.11 | 33.6 | | | | | Unit # |
| 9:15 | 17.10 | 31.7 | | | | | |
| 9:16 | 17.11 | 31.3 | | | | | |
| 9:17 | 17.11 | 31.7 | | | | | Operating Conditions |
| 9:18 | 17.12 | 33.9 | | | | | |
| 9:19 | 17.11 | 31.9 | | | | | |
| 9:20 | 17.12 | 33.4 | | | | | Fuel |
| 9:21 | 17.11 | 32.0 | | | | | |
| 9:22 | 17.11 | 32.7 | | | | | |
| 9:23 | 17.12 | 34.8 | | | | | |
| 9:24 | 17.11 | 33.6 | | | | | |
| 9:25 | 17.11 | 33.9 | | | | | |
| 9:26 | 17.11 | 33.6 | | | | | |
| 9:27 | 17.12 | 34.4 | | | | | |
| 9:28 | 17.11 | 33.6 | | | | | |
| 9:29 | 17.12 | 33.9 | | | | | |
| 9:30 | 17.12 | 34.7 | | | | | |
| 9:31 | 17.11 | 34.3 | | | | | |
| 9:32 | 17.12 | 35.4 | | | | | |
| 9:33 | 17.12 | 34.9 | | | | | |
| 9:34 | 17.11 | 34.0 | | | | | |
| 9:35 | 17.12 | 35.9 | | | | | |
| 9:36 | 17.13 | 35.3 | | | | | |
| 9:37 | 17.13 | 35.4 | | | | | |
| 9:38 | 17.13 | 35.6 | | | | | |
| 9:39 | 17.13 | 35.6 | | | | | |
| 9:40 | 17.13 | 35.6 | | | | | |
| 9:41 | 17.13 | 34.1 | | | | | |
| 9:42 | 17.13 | 36.1 | | | | | |
| ZERO I | 9:06 | 0.04 | | | | | |
| SPAN I | 9:11 | 20.98 | | | | | |
| Average | | 17.12 | | | | | |
| ZERO f | 9:43 | 0.04 | | | | | |
| SPAN f | 9:46 | 20.97 | | | | | |
| Zero Drift % | | 0.0% | | | | | |
| Span Drift % | | 0.0% | | | | | |
| Corr. Avg. | | 17.12 | | | | | |

Corrected Average = [Test Avg. - ((Zi+Zf) / 2)] * Span Gas Value / [((Si+Sf) / 2) - ((Zi+Zf) / 2)]
 Zero Drift % = 100 * (Zf - Zi) / Instrument Range
 Span Drift % = 100 * (Sf - Si) / Instrument Range

DAS CONTINUOUS EMISSIONS MONITORING DATA SHEET

Facility: Mt View Flares
 Location: Microturbines S17, Flare Station
 Observers: _____
 Expected Run Time = 30 min

Run #: 2
 Barometric: 30.95
 Personnel: BJ
 Std. Temp: 70

Date: 02/02/22
 Leak ✓ : OK
 Strat. ✓ : OK

Cylinder #s: _____

| Analyte | O2 | THC | Comments: | | | | |
|--------------|-------|-------|-----------|--|--|--|----------------------|
| Analyzer | 110P | 51 | | | | | |
| Range | 25 | 30 | | | | | |
| Span Value | 20.98 | 26.9 | | | | | |
| Time | | | | | | | |
| 9:48 | 17.13 | 36.5 | | | | | |
| 9:49 | 17.13 | 36.6 | | | | | Unit # |
| 9:50 | 17.13 | 37.7 | | | | | |
| 9:51 | 17.13 | 37.7 | | | | | |
| 9:52 | 17.13 | 37.9 | | | | | Operating Conditions |
| 9:53 | 17.14 | 38.7 | | | | | |
| 9:54 | 17.13 | 39.2 | | | | | |
| 9:55 | 17.13 | 38.8 | | | | | Fuel |
| 9:56 | 17.13 | 39.1 | | | | | |
| 9:57 | 17.13 | 39.4 | | | | | |
| 9:58 | 17.13 | 37.9 | | | | | |
| 9:59 | 17.13 | 39.0 | | | | | |
| 10:00 | 17.13 | 39.9 | | | | | |
| 10:01 | 17.13 | 38.8 | | | | | |
| 10:02 | 17.13 | 38.9 | | | | | |
| 10:03 | 17.13 | 39.2 | | | | | |
| 10:04 | 17.14 | 41.9 | | | | | |
| 10:05 | 17.13 | 39.4 | | | | | |
| 10:06 | 17.13 | 39.5 | | | | | |
| 10:07 | 17.13 | 40.1 | | | | | |
| 10:08 | 17.14 | 41.4 | | | | | |
| 10:09 | 17.14 | 41.3 | | | | | |
| 10:10 | 17.14 | 40.0 | | | | | |
| 10:11 | 17.14 | 42.4 | | | | | |
| 10:12 | 17.14 | 39.6 | | | | | |
| 10:13 | 17.14 | 39.4 | | | | | |
| 10:14 | 17.15 | 43.3 | | | | | |
| 10:15 | 17.14 | 39.8 | | | | | |
| 10:16 | 17.15 | 43.2 | | | | | |
| 10:17 | 17.15 | 46.3 | | | | | |
| ZERO I | 9:43 | 0.04 | | | | | |
| SPAN I | 9:46 | 20.97 | | | | | |
| Average | | 17.13 | | | | | |
| ZERO f | 10:18 | 0.04 | | | | | |
| SPAN f | 10:21 | 20.95 | | | | | |
| Zero Drift % | | 0.0% | | | | | |
| Span Drift % | | -0.1% | | | | | |
| Corr. Avg. | | 17.15 | | | | | |
| | | 39.66 | | | | | |

Corrected Average = [(Test Avg. - ((Zi+Zf) / 2)) * Span Gas Value / (((Si+Sf) / 2) - ((Zi+Zf) / 2))]
 Zero Drift % = 100 * (Zf - Zi) / Instrument Range
 Span Drift % = 100 * (Sf - Si) / Instrument Range

DAS CONTINUOUS EMISSIONS MONITORING DATA SHEET

Facility: Mt View Flares
 Location: Microturbines S17, Flare Station
 Observers: _____
 Expected Run Time = 30 min

Run #: 3
 Barometric: 30.95
 Personnel: BJ
 Std. Temp: 70

Date: 02/02/22
 Leak ✓ : OK
 Strat. ✓ : OK

Cylinder #s: _____

| Analyte | O2 | THC | | | | | |
|--------------|-------|-----------|--|--|--|--|----------------------|
| Analyzer | 110P | 51 | | | | | |
| Range | 25 | 30 | | | | | |
| Span Value | 20.98 | 26.9 | | | | | |
| Time | | Comments: | | | | | |
| | 10:28 | 17.15 | | | | | |
| | 10:29 | 17.15 | | | | | Unit # |
| | 10:30 | 17.15 | | | | | |
| | 10:31 | 17.15 | | | | | |
| | 10:32 | 17.15 | | | | | Operating Conditions |
| | 10:33 | 17.15 | | | | | |
| | 10:34 | 17.15 | | | | | |
| | 10:35 | 17.15 | | | | | Fuel |
| | 10:36 | 17.14 | | | | | |
| | 10:37 | 17.15 | | | | | |
| | 10:38 | 17.14 | | | | | |
| | 10:39 | 17.14 | | | | | |
| | 10:40 | 17.14 | | | | | |
| | 10:41 | 17.14 | | | | | |
| | 10:42 | 17.15 | | | | | |
| | 10:43 | 17.14 | | | | | |
| | 10:44 | 17.14 | | | | | |
| | 10:45 | 17.14 | | | | | |
| | 10:46 | 17.15 | | | | | |
| | 10:47 | 17.16 | | | | | |
| | 10:48 | 17.16 | | | | | |
| | 10:49 | 17.16 | | | | | |
| | 10:50 | 17.15 | | | | | |
| | 10:51 | 17.16 | | | | | |
| | 10:52 | 17.16 | | | | | |
| | 10:53 | 17.16 | | | | | |
| | 10:54 | 17.16 | | | | | |
| | 10:55 | 17.15 | | | | | |
| | 10:56 | 17.15 | | | | | |
| | 10:57 | 17.15 | | | | | |
| ZERO I | 10:18 | 0.04 | | | | | |
| SPAN I | 10:21 | 20.95 | | | | | |
| Average | | 17.15 | | | | | |
| ZERO f | 10:58 | 0.04 | | | | | |
| SPAN f | 11:01 | 20.96 | | | | | |
| Zero Drift % | | 0.0% | | | | | |
| Span Drift % | | 0.1% | | | | | |
| Corr. Avg. | | 17.16 | | | | | |

Corrected Average = [Test Avg. - ((Zi+Zf) / 2)] * Span Gas Value / [((Si+Sf) / 2) - ((Zi+Zf) / 2)]

Zero Drift % = 100 * (Zf - Zi) / Instrument Range

Span Drift % = 100 * (Sf - Si) / Instrument Range

CEMS CALIBRATION SHEET

Facility: City Mt View Shoreline Date: 2-1-22 Personnel: BJRBA
 Location: Flare 1, 2, 3 Barometric Pressure: 29.95

| | O ₂ | CO ₂ | NO _x | CO | THC | SO ₂ | Comments |
|-----------------|----------------|--------------------|-----------------|--------------------|----------|-----------------|----------|
| Analyzer | CA1110 | Rosemount | CA1600 | Teco40 | Teco 51 | | |
| Range | | | | | | | |
| Cal Value (low) | | | | | 26.80 | | |
| Cyl. # | | | | | DT27824 | | |
| Expiration | | | | | 5-27-29 | | |
| Cal Value (mid) | 9.02 | 12.02 | 21.9 | 44.0 | 44.7 | | |
| Cyl. # | CC81184 | Mid O ₂ | CC114745 | Mid O ₂ | SA14604 | | |
| Expiration | 11-22-29 | | 9-22-24 | | 12-7-20 | | NO2 |
| Cal Value (Hi) | 20.98 | 18.98 | 45.3 | 89.4 | 84.9 | | 5.979 |
| Cyl # | CC306150 | Hi O ₂ | DT37052 | Hi O ₂ | CC724563 | | CC503193 |
| Expiration | 11-22-29 | | 11-18-23 | | 11-13-20 | | 1-6-24 |

| | Start | Stop | Flow | Temp | Can | |
|----|-------|------|------|------|------|--------------------|
| #1 | Run 1 | 959 | 1029 | 160 | 1623 | |
| | Run 2 | 1037 | 1107 | 161 | 1623 | 24 1323 |
| | Run 3 | 1115 | 1145 | 163 | 1623 | |
| #2 | | 1200 | 1230 | 334 | 1614 | |
| | | 1230 | 1308 | 337 | 1633 | 24 |
| | | 1316 | 1346 | 335 | 1621 | |
| #3 | | 1415 | 1445 | 392 | 1630 | |
| | | 1453 | 1523 | 387 | 1618 | 1273 |
| | | 1532 | 1602 | 380 | 1637 | |

leak check , Heated lines ~ 250°F CH₄ ~ 37%

Calculations

% Linearity (Limit ± 2%) = 100 * $\frac{\text{Span Value} - \text{Internal cal}}{\text{Span Range}}$

Zero and Calibration Drift = 100 x (Cfb - Cib) / range

Cbcal = (Cib + Cfb) / 2 for cal gas

CEMS CALIBRATION SHEET

Facility: City Mt. View Shoreline Date: 2-2-22 Personnel: B)

Location: Microturbines S-16 & 17 Barometric Pressure: 30.05

| | O ₂ | CO₂ | NO_x | CO | THC | SO ₂ | Comments |
|-----------------|----------------|---------------------------|---------------------------|---------------|----------|-----------------|-----------------|
| Analyzer | | | | | | | |
| Range | | | | | | | |
| Cal Value (low) | | | | | | | |
| Cyl. # | | | | | | | |
| Expiration | | | | | | | |
| Cal Value (mid) | | | | | | | |
| Cyl. # | | | | | | | |
| Expiration | | | | | | | NO ₂ |
| Cal Value (Hi) | 20.98 | | | | 26.88 | | |
| Cyl # | CC 306150 | | | | DT 27821 | | |
| Expiration | 11-22-29 | | | | 5-27-20 | | |

(Flow)
S-17

(Cal)
S-16

| | Start | Stop |
|-------|-------|------|
| Run 1 | 913 | 943 |
| Run 2 | 948 | 1018 |
| Run 3 | 1020 | 1050 |

| Flow | Temp | KW | |
|------|------|------|--|
| | | 62.1 | |
| | | 61.2 | |
| | | 60.5 | |

| | Start | Stop |
|--|-------|------|
| | 1128 | 1158 |
| | 1204 | 1234 |
| | 1240 | 1310 |

| Flow | Temp | KW | |
|------|------|------|--|
| | | 62.7 | |
| | | 61.4 | |
| | | 61.2 | |

Leak check 0, Heated lin ~ 250F

Calculations

% Linearity (Limit ± 2%) = 100 * $\frac{\text{Span Value} - \text{Internal cal}}{\text{Span Range}}$

Zero and Calibration Drift = 100 x (Cfb - Cib) / range
 Cbcal = (Cib + Cfb) / 2 for cal gas

APPENDIX D
CALIBRATION GAS CERTIFICATES



CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information

BEST ENVIRONMENTAL SERVICES
339 STEALTH CT
LIVERMORE CA 94551

Certificate Issuance Date: 11/13/2020
Praxair Order Number: 27982553
Part Number: EV AIPR29ME-AS
Customer PO Number: 9099

Fill Date: 11/09/2020
Lot Number: 70086031408
Cylinder Style & Outlet: AS CGA 590
Cylinder Pressure and Volume: 2000 psig 140 ft³

Certified Concentration

| | | |
|------------------|------------|----------------------|
| Expiration Date: | 11/13/2028 | NIST Traceable |
| Cylinder Number: | CC724563 | Expanded Uncertainty |
| 28.3 ppm | Propane | ± 0.1 ppm |
| Balance | Air | |

ProSpec EZ Cert



Certification Information: Certification Date: 11/13/2020 Term: 96 Months Expiration Date: 11/13/2028

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1. Uncertainty above is expressed as absolute expanded uncertainty at a level of confidence of approximately 95% with a coverage factor k = 2. Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data:

(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1. Component: Propane
Requested Concentration: 29 ppm
Certified Concentration: 28.3 ppm
Instrument Used: Horiba FIA-510, 851135122
Analytical Method: FID Total Hydrocarbon Analyzer
Last Multipoint Calibration: 10/15/2020

| First Analysis Data: | | | | Date | 11/13/2020 | | |
|----------------------|-------|----|-------|------------------|------------|----------|------|
| Z: | 0 | R: | 145.4 | C: | 84.4 | Conc: | 28.3 |
| R: | 145.3 | Z: | 0 | C: | 84.4 | Conc: | 28.3 |
| Z: | 0 | C: | 84.5 | R: | 145.7 | Conc: | 28.3 |
| UOM: ppm | | | | Mean Test Assay: | | 28.3 ppm | |

Reference Standard: Type / Cylinder #: SRM / CAL017783
Concentration / Uncertainty: 48.83 ppm ±0.11 ppm
Expiration Date: 01/20/2025
Traceable to: SRM # / Sample # / Cylinder #: SRM 1667b / 83-J-17 / CAL017783
SRM Concentration / Uncertainty: 48.83 ppm / ±0.11 ppm
SRM Expiration Date: 08/17/2017

| Second Analysis Data: | | | | Date | | | |
|-----------------------|---|----|---|------------------|---|-------|---|
| Z: | 0 | R: | 0 | C: | 0 | Conc: | 0 |
| R: | 0 | Z: | 0 | C: | 0 | Conc: | 0 |
| Z: | 0 | C: | 0 | R: | 0 | Conc: | 0 |
| UOM: ppm | | | | Mean Test Assay: | | ppm | |

Analyzed By

Jenna Lockman

Certified By

Jose Vasquez

CH₄
84.9 ppm



CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information

PXPKG FREMONT CA HP
41446 CHRISTY STREET
FREMONT CA 94538-5105

Certificate Issuance Date: 12/07/2020

Praxair Order Number: 71522346

Part Number: AI PR15ME-AS

Customer PO Number: 79517527

Fill Date: 12/02/2020

Lot Number: 70086033713

Cylinder Style & Outlet: AS CGA 590

Cylinder Pressure and Volume: 2000 psig 140 R3

Certified Concentration

| | | |
|------------------|------------|----------------------|
| Expiration Date: | 12/07/2028 | NIST Traceable |
| Cylinder Number: | SA14604 | Expanded Uncertainty |
| 14.9 ppm | Propane | ± 0.1 ppm |
| Balance | Air | |

ProSpec EZ Cert



Certification Information:

Certification Date: 12/07/2020

Term: 96 Months

Expiration Date: 12/07/2028

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1. Uncertainty above is expressed as absolute expanded uncertainty at a level of confidence of approximately 95% with a coverage factor k = 2. Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data:

(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1. Component: Propane

Requested Concentration: 15 ppm
 Certified Concentration: 14.9 ppm
 Instrument Used: Horiba FIA-510, 851135122
 Analytical Method: FID Total Hydrocarbon Analyzer
 Last Multipoint Calibration: 11/18/2020

Reference Standard: Type / Cylinder #: GMIS / CC130474
 Concentration / Uncertainty: 9.952 ppm ±0.035 ppm
 Expiration Date: 10/16/2023
 Traceable to: SRM # / Sample # / Cylinder #: SRM 1666b / 84-K-35 / FF10676
 SRM Concentration / Uncertainty: 9.888 ppm / ±0.032 ppm
 SRM Expiration Date: 10/05/2019

| First Analysis Data: | | | | Date | | | |
|----------------------|-------|----|-------|------------------|-------|-------|------|
| Z: | 0 | R: | 31.79 | C: | 47.61 | Conc: | 14.9 |
| R: | 31.79 | Z: | 0 | C: | 47.64 | Conc: | 14.9 |
| Z: | 0 | C: | 47.64 | R: | 31.31 | Conc: | 14.9 |
| UOM: ppm | | | | Mean Test Assay: | 14.9 | ppm | |

| Second Analysis Data: | | | | Date | | | |
|-----------------------|---|----|---|------------------|-----|-------|---|
| Z: | 0 | R: | 0 | C: | 0 | Conc: | 0 |
| R: | 0 | Z: | 0 | C: | 0 | Conc: | 0 |
| Z: | 0 | C: | 0 | R: | 0 | Conc: | 0 |
| UOM: ppm | | | | Mean Test Assay: | ppm | | |

Analyzed By

Jose Vasquez

Certified By

Jenna Lockman

44.7 ppm CH4



CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information

TESLA INC
47700 KATO RD
FREMONT CA 94538

Certificate Issuance Date: 05/27/2021
Praxair Order Number: 42827444
Part Number: AI PR9ME-AS
Customer PO Number: 4900225193

Fill Date: 05/20/2021
Lot Number: 70086114010
Cylinder Style & Outlet: AS CGA 590
Cylinder Pressure and Volume: 2000 psig 140 ft3

Certified Concentration

| | | |
|------------------|------------|----------------------|
| Expiration Date: | 05/27/2029 | NIST Traceable |
| Cylinder Number: | DT0027824 | Expanded Uncertainty |
| 8.96 ppm | Propane | ± 0.04 ppm |
| Balance | Air | |

ProSpec EZ Cert



Certification Information:

Certification Date: 05/27/2021 Term: 96 Months Expiration Date: 05/27/2029

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1. Uncertainty above is expressed as absolute expanded uncertainty at a level of confidence of approximately 95% with a coverage factor k = 2. Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data:

(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1. Component: Propane

Requested Concentration: 9 ppm
Certified Concentration: 8.96 ppm
Instrument Used: Horiba FIA-510, 851135122
Analytical Method: FID Total Hydrocarbon Analyzer
Last Multipoint Calibration: 05/05/2021

Reference Standard: Type / Cylinder #: GMIS / CC130474
Concentration / Uncertainty: 9.952 ppm ±0.035 ppm
Expiration Date: 10/16/2023
Traceable to: SRM # / Sample # / Cylinder #: SRM 1666b / 84-K-35 / FF10676
SRM Concentration (enter with units) / 9.888 ppm / ±0.032 ppm
SRM Expiration Date: 10/05/2019

| First Analysis Data: | | | | Date | | | |
|----------------------|-------|------------------|-------|------|-------|-------|------|
| Z: | 0 | R: | 12.44 | C: | 11.21 | Conc: | 8.96 |
| R: | 12.44 | Z: | 0 | C: | 11.22 | Conc: | 8.97 |
| Z: | 0 | C: | 11.2 | R: | 12.46 | Conc: | 8.96 |
| UOM: | ppm | Mean Test Assay: | 8.96 | ppm | | | |

| Second Analysis Data: | | | | Date | | | |
|-----------------------|-----|------------------|---|------|---|-------|---|
| Z: | 0 | R: | 0 | C: | 0 | Conc: | 0 |
| R: | 0 | Z: | 0 | C: | 0 | Conc: | 0 |
| Z: | 0 | C: | 0 | R: | 0 | Conc: | 0 |
| UOM: | ppm | Mean Test Assay: | | ppm | | | |

Analyzed By

Jose Vasquez

Certified By

Amalia Real

26.88 ppm
CH4



CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information

BEST ENVIRONMENTAL SERVICES
339 STEALTH CT
LIVERMORE CA 94551

Certificate Issuance Date: 09/22/2021
Praxair Order Number: 52060432
Part Number: NI NO22ME-AS
Customer PO Number: 21

Fill Date: 09/01/2021
Lot Number: 70086124405
Cylinder Style & Outlet: AS CGA 660
Cylinder Pressure and Volume: 2000 psig 140 ft3

Certified Concentration

| | | |
|------------------|--------------|----------------------|
| Expiration Date: | 09/22/2024 | NIST Traceable |
| Cylinder Number: | CC114745 | Expanded Uncertainty |
| 21.8 ppm | Nitric oxide | ± 0.1 ppm |
| Balance | Nitrogen | |

ProSpec EZ Cert



For Reference Only:

NOx 21.9 ppm

Certification Information:

Certification Date: 09/22/2021 Term: 36 Months Expiration Date: 09/22/2024

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1. Uncertainty above is expressed as absolute expanded uncertainty at a level of confidence of approximately 95% with a coverage factor k = 2. Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data:

(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1. Component: Nitric oxide
Requested Concentration: 22 ppm
Certified Concentration: 21.8 ppm
Instrument Used: Thermo Electron 42i-LS S/N 1030645077
Analytical Method: Chemiluminescence
Last Multipoint Calibration: 08/26/2021

Reference Standard: Type / Cylinder #: GMIS / CC703184
Concentration / Uncertainty: 20.11 ppm ±0.09 ppm
Expiration Date: 04/27/2024
Traceable to: SRM # / Sample # / Cylinder #: PRM / C1765710.01 / APEX1324323
SRM Concentration (enter with units) / 50.04 PPM / ± 0.20 PPM
SRM Expiration Date: 12/09/2022

| First Analysis Data: | | | | Date | 09/15/2021 | | |
|----------------------|------|------------------|------|------|------------|-------|------|
| Z: | 0 | R: | 20.1 | C: | 21.7 | Conc: | 21.7 |
| R: | 20.1 | Z: | 0 | C: | 21.8 | Conc: | 21.8 |
| Z: | 0 | C: | 21.8 | R: | 20 | Conc: | 21.8 |
| UOM: | ppm | Mean Test Assay: | | 21.8 | ppm | | |

| Second Analysis Data: | | | | Date | 09/22/2021 | | |
|-----------------------|-----|------------------|------|------|------------|-------|------|
| Z: | 0 | R: | 20.1 | C: | 21.6 | Conc: | 21.7 |
| R: | 20 | Z: | 0 | C: | 21.6 | Conc: | 21.7 |
| Z: | 0 | C: | 21.7 | R: | 20 | Conc: | 21.8 |
| UOM: | ppm | Mean Test Assay: | | 21.7 | ppm | | |

Analyzed By

Henry Koung

Certified By

Libette Morales



DocNumber: 317670



Praxair Distribution, Inc.
5700 S. Alameda Street
Los Angeles CA 90058
Tel: 323-585-2154
Fax: 714-542-6689
PGVP ID: F22020

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information

BEST ENVIRONMENTAL SERVICES
339 STEALTH CT
LIVERMORE CA 94551

Certificate Issuance Date: 11/18/2020
Praxair Order Number: 27982553
Part Number: NI NO45ME-AS
Customer PO Number: 9099

Fill Date: 11/04/2020
Lot Number: 70086030909
Cylinder Style & Outlet: AS CGA 660
Cylinder Pressure and Volume: 2000 psig 140 ft3

Certified Concentration

| | | |
|------------------|--------------|----------------------|
| Expiration Date: | 11/18/2023 | NIST Traceable |
| Cylinder Number: | DT0037052 | Expanded Uncertainty |
| 45.1 ppm | Nitric oxide | ± 0.2 ppm |
| Balance | Nitrogen | |

ProSpec EZ Cert



For Reference Only:

NOx 45.3 ppm

Certification Information:

Certification Date: 11/18/2020 Term: 36 Months Expiration Date: 11/18/2023

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1. Uncertainty above is expressed as absolute expanded uncertainty at a level of confidence of approximately 95% with a coverage factor k = 2. Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data:

(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1. Component: Nitric oxide

Requested Concentration: 45 ppm
 Certified Concentration: 45.1 ppm
 Instrument Used: Thermo Electron 42i-LS S/N 1030645077
 Analytical Method: Chemiluminescence
 Last Multipoint Calibration: 11/11/2020

Reference Standard: Type / Cylinder #: GMIS / CC324044
 Concentration / Uncertainty: 50.02 ppm ±0.21 ppm
 Expiration Date: 04/27/2028

Traceable to: SRM # / Sample # / Cylinder #: APEX1324323 / N/A / APEX1324323
 SRM Concentration / Uncertainty: 50.04 PPM / ±0.20 PPM
 SRM Expiration Date: 12/09/2022

| First Analysis Data: | | | | Date | | | |
|----------------------|-----|----|------------------|------|------|-------|------|
| Z: | 0 | R: | 50 | C: | 45 | Conc: | 45 |
| R: | 50 | Z: | 0 | C: | 45.1 | Conc: | 45.1 |
| Z: | 0 | C: | 45.1 | R: | 49.9 | Conc: | 45.1 |
| UOM: | ppm | | Mean Test Assay: | 45.1 | | ppm | |

| Second Analysis Data: | | | | Date | | | |
|-----------------------|------|----|------------------|------|------|-------|------|
| Z: | 0 | R: | 50 | C: | 45 | Conc: | 45.1 |
| R: | 49.9 | Z: | 0 | C: | 44.9 | Conc: | 45 |
| Z: | 0 | C: | 44.9 | R: | 49.9 | Conc: | 45 |
| UOM: | ppm | | Mean Test Assay: | 45 | | ppm | |

Analyzed By

Henry Koung

Certified By

Leeanna Flores

CERTIFICATE OF ANALYSIS

Grade of Product: EPA Protocol

| | | | |
|------------------|------------------------------|---------------------|----------------|
| Part Number: | E02NI99E15WC004 | Reference Number: | 48-401989410-1 |
| Cylinder Number: | CC503193 | Cylinder Volume: | 144.0 CF |
| Laboratory: | 124 - Los Angeles (SAP) - CA | Cylinder Pressure: | 2015 PSIG |
| PGVP Number: | B32021 | Valve Outlet: | 660 |
| Gas Code: | NO2,BALN | Certification Date: | Jan 06, 2021 |

Expiration Date: Jan 06, 2024

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

| ANALYTICAL RESULTS | | | | | |
|--------------------|-------------------------|----------------------|-----------------|----------------------------|------------------------|
| Component | Requested Concentration | Actual Concentration | Protocol Method | Total Relative Uncertainty | Assay Dates |
| NITROGEN DIOXIDE | 6.000 PPM | 5.979 PPM | G1 | +/- 2.1% NIST Traceable | 12/28/2020, 01/06/2021 |
| NITROGEN | Balance | | | | |

| CALIBRATION STANDARDS | | | | | | |
|-----------------------|--------------|-------------|-------------------------------------|-------------|-----------------|--|
| Type | Lot ID | Cylinder No | Concentration | Uncertainty | Expiration Date | |
| GMIS | 401206803104 | CC511311 | 9.690 PPM NITROGEN DIOXIDE/NITROGEN | +/- 2.1% | May 02, 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 018335821 | FTIR | Jan 06, 2021 |

Triad Data Available Upon Request



[Handwritten Signature]

Approved for Release



Making our world more productive

DocNumber: 442525



Linde Gas & Equipment Inc.
5700 S. Alameda Street
Los Angeles CA 90058
Tel: 323-685-2154
Fax: 714-542-6689
PGVP ID: F22021

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information

BEST ENVIRONMENTAL SERVICES
339 STEALTH CT
LIVERMORE CA 94551

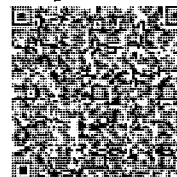
Certificate Issuance Date: 11/22/2021
Lindo Order Number: 56224584
Part Number: NI CD19CO10E-AS
Customer PO Number: 27

Fill Date: 11/01/2021
Lot Number: 70086130505
Cylinder Style & Outlet: AS CGA 590
Cylinder Pressure and Volume: 2000 psig 156 ft3

Certified Concentration

Table with 4 columns: Parameter, Value, Component, Uncertainty. Includes Carbon dioxide, Carbon monoxide, Oxygen, and Nitrogen.

ProSpec EZ Cert



Certification Information: Certification Date: 11/22/2021 Term: 96 Months Expiration Date: 11/22/2029

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1. Uncertainty above is expressed as absolute expanded uncertainty at a level of confidence of approximately 95% with a coverage factor k = 2. Do Not Use this Standard if Pressure is less than 100 PSIG.

CO2 responses have been corrected for Oxygen IR Broadening effect. O2 responses have been corrected for CO2 interference. CO responses have been corrected for CO2 interference.

Analytical Data:

(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1. Component:

Carbon dioxide

Requested Concentration: 19 %
Certified Concentration: 18.98 %
Instrument Used: Horiba VIA-510 S/N 20C194WK
Analytical Method: NDIR
Last Multipoint Calibration: 11/19/2021

Reference Standard:

Type / Cylinder #: NTRM / CC728055

Concentration / Uncertainty: 19.34 % ±0.03 %
Expiration Date: 01/12/2027

Traceable to: SRM # / Sample # / Cylinder #: NTRM / 190701 / CC725973
SRM Concentration / Uncertainty: 19.34% / ±0.031%
SRM Expiration Date: 01/12/2027

First Analysis Data table for Carbon dioxide with columns Z, R, C, Conc and UOM.

Second Analysis Data table for Carbon dioxide with columns Z, R, C, Conc and UOM.

2. Component:

Carbon monoxide

Requested Concentration: 90 ppm
Certified Concentration: 89.4 ppm
Instrument Used: Horiba VIA-510 S/N 576876015
Analytical Method: NDIR
Last Multipoint Calibration: 10/22/2021

Reference Standard:

Type / Cylinder #: GMIS / DT0019705

Concentration / Uncertainty: 98.1 ppm ±0.4 ppm
Expiration Date: 01/23/2028

Traceable to: SRM # / Sample # / Cylinder #: SRM 1679c / 3-1-45 / FF28593
SRM Concentration / Uncertainty: 98.40 ppm / ±0.40 ppm
SRM Expiration Date: 01/28/2020

First Analysis Data table for Carbon monoxide with columns Z, R, C, Conc and UOM.

Second Analysis Data table for Carbon monoxide with columns Z, R, C, Conc and UOM.

3. Component:

Oxygen

Requested Concentration: 21 %
Certified Concentration: 20.98 %
Instrument Used: Siemens Oxymat 6E S/N 7MB20211AA000CA1
Analytical Method: Paramagnetic
Last Multipoint Calibration: 11/12/2021

Reference Standard:

Type / Cylinder #: GMIS / ND29287

Concentration / Uncertainty: 20.90 % ±0.02 %
Expiration Date: 09/01/2028

Traceable to: SRM # / Sample # / Cylinder #: SRM 2659b / 71-E-19 / FF22331
SRM Concentration / Uncertainty: 20.863% / ±0.021%
SRM Expiration Date: 08/23/2021

First Analysis Data table for Oxygen with columns Z, R, C, Conc and UOM.

Second Analysis Data table for Oxygen with columns Z, R, C, Conc and UOM.

Analyzed by

Jose Vasquez

Certified By

Nelson Ma

Information contained herein has been prepared at your request by qualified experts within Linde Gas & Equipment Inc. While we believe that the information is accurate within the limits of the analytical methods employed and is complete to the extent of the specific analysis performed, we make no warranty or representation as to the suitability of the use of the information for any purpose.



Making our world
more productive

DocNumber: 442508



Linde Gas & Equipment Inc.
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Los Angeles CA 90058
Tel: 323-585-2154
Fax: 714-542-6689
PGVP ID: F22021

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information

BEST ENVIRONMENTAL SERVICES
339 STEALTH CT
LIVERMORE CA 94551

Certificate Issuance Date: 11/22/2021

Linde Order Number: 56224584

Part Number: NI CD12CO35E-AS

Customer PO Number: 27

Fill Date: 11/01/2021

Lot Number: 70086130502

Cylinder Style & Outlet: AS

CGA 590

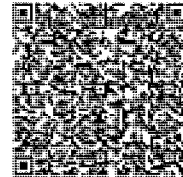
Cylinder Pressure and Volume: 2000 psig

140 f3

Certified Concentration

| | | |
|------------------|-----------------|----------------------|
| Expiration Date: | 11/22/2029 | NIST Traceable |
| Cylinder Number: | CC81184 | Expanded Uncertainty |
| 12.02 % | Carbon dioxide | ± 0.06 % |
| 44.8 ppm | Carbon monoxide | ± 0.2 ppm |
| 9.02 % | Oxygen | ± 0.04 % |
| Balance | Nitrogen | |

ProSpec EZ Cert



Certification Information:

Certification Date: 11/22/2021

Term: 96 Months

Expiration Date: 11/22/2029

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1. Uncertainty above is expressed as absolute expanded uncertainty at a level of confidence of approximately 95% with a coverage factor k = 2. Do Not Use this Standard if Pressure is less than 100 PSIG.

CO2 responses have been corrected for Oxygen IR Broadening effect. CO responses have been corrected for CO2 interference. O2 responses have been corrected for CO2 interference.

Analytical Data:

(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1. Component:

Carbon dioxide

Requested Concentration: 12 %
Certified Concentration: 12.02 %
Instrument Used: Horiba VIA-510 S/N 20C194WK
Analytical Method: NDIR
Last Multipoint Calibration: 11/19/2021

| First Analysis Data: | | Date | |
|----------------------|------------------|----------|-------------|
| Z: 0 | R: 14.24 | C: 12.02 | Conc: 12.02 |
| R: 14.24 | Z: 0 | C: 12.02 | Conc: 12.02 |
| Z: 0 | C: 12.03 | R: 14.25 | Conc: 12.03 |
| UOM: % | Mean Test Assay: | | 12.02 % |

Reference Standard:

Type / Cylinder #: GMIS / CC283571

Concentration / Uncertainty: 14.24 % ±0.04 %

Expiration Date: 07/15/2029

Traceable to:

SRM # / Sample # / Cylinder #: RGM / N/A / CC28033

SRM Concentration / Uncertainty: 19.67% / ±0.04%

SRM Expiration Date: 07/15/2021

| Second Analysis Data: | | Date | |
|-----------------------|------------------|------|---------|
| Z: 0 | R: 0 | C: 0 | Conc: 0 |
| R: 0 | Z: 0 | C: 0 | Conc: 0 |
| Z: 0 | C: 0 | R: 0 | Conc: 0 |
| UOM: % | Mean Test Assay: | | % |

2. Component:

Carbon monoxide

Requested Concentration: 45 ppm
Certified Concentration: 44.8 ppm
Instrument Used: Horiba VIA-510 S/N 576876015
Analytical Method: NDIR
Last Multipoint Calibration: 10/22/2021

| First Analysis Data: | | Date | |
|----------------------|------------------|---------|------------|
| Z: 0 | R: 98.1 | C: 44.8 | Conc: 44.8 |
| R: 98.1 | Z: 0 | C: 44.8 | Conc: 44.8 |
| Z: 0 | C: 44.9 | R: 98.2 | Conc: 44.9 |
| UOM: ppm | Mean Test Assay: | | 44.8 ppm |

Reference Standard:

Type / Cylinder #: GMIS / DT0019705

Concentration / Uncertainty: 98.1 ppm ±0.4 ppm

Expiration Date: 01/23/2028

Traceable to:

SRM # / Sample # / Cylinder #: SRM 1679c / 3-1-45 / FF28593

SRM Concentration / Uncertainty: 98.40 ppm / ±0.40 ppm

SRM Expiration Date: 01/28/2020

| Second Analysis Data: | | Date | |
|-----------------------|------------------|------|---------|
| Z: 0 | R: 0 | C: 0 | Conc: 0 |
| R: 0 | Z: 0 | C: 0 | Conc: 0 |
| Z: 0 | C: 0 | R: 0 | Conc: 0 |
| UOM: ppm | Mean Test Assay: | | ppm |

3. Component:

Oxygen

Requested Concentration: 9 %
Certified Concentration: 9.02 %
Instrument Used: Siemens Oxymat 6E S/N 7MB20211AA000CA1
Analytical Method: Paramagnetic
Last Multipoint Calibration: 11/12/2021

| First Analysis Data: | | Date | |
|----------------------|------------------|---------|------------|
| Z: 0 | R: 9.88 | C: 9.02 | Conc: 9.01 |
| R: 9.88 | Z: 0 | C: 9.02 | Conc: 9.01 |
| Z: 0 | C: 9.03 | R: 9.89 | Conc: 9.02 |
| UOM: % | Mean Test Assay: | | 9.02 % |

Reference Standard:

Type / Cylinder #: NTRM / DT0010262

Concentration / Uncertainty: 9.875 % ±0.040 %

Expiration Date: 11/18/2022

Traceable to:

SRM # / Sample # / Cylinder #: NTRM / 170701 / DT0010262

SRM Concentration / Uncertainty: 9.875 % / ±0.040 %

SRM Expiration Date: 11/18/2022

| Second Analysis Data: | | Date | |
|-----------------------|------------------|------|---------|
| Z: 0 | R: 0 | C: 0 | Conc: 0 |
| R: 0 | Z: 0 | C: 0 | Conc: 0 |
| Z: 0 | C: 0 | R: 0 | Conc: 0 |
| UOM: % | Mean Test Assay: | | % |

Analyzed By

Jose Vasquez

Certified By

Amalia Real

Information contained herein has been prepared at your request by qualified experts within Linde Gas & Equipment Inc. While we believe that the information is accurate within the limits of the analytical methods employed and is complete to the extent of the specific analyses performed, we make no warranty or representation as to the suitability of the use of the information for any purpose. The information is offered with the understanding that any use of the information is at the sole discretion and risk of the user. In no event shall the liability of Linde Gas & Equipment Inc., arising out of the use of the information contained herein exceed the fee established for providing such information.

APPENDIX E
PROCESS DATA

FLAIR STATION CHART RECORDER DATA - 2022 SOURCE PERFORMANCE TEST

| Date and Time | | Flare 1 | | Flare 2 | | Flare 3 | |
|----------------|-------|-------------|-----------|-------------|-----------|-------------|-----------|
| Date | | Flow (SCFM) | Temp (°F) | Flow (SCFM) | Temp (°F) | Flow (SCFM) | Temp (°F) |
| Run 1 | | | | | | | |
| 2022/02/01 | 09:58 | 160 | 1623 | 333 | 1619 | 0 | 54 |
| 2022/02/01 | 10:00 | 162 | 1623 | 337 | 1626 | 0 | 54 |
| 2022/02/01 | 10:02 | 163 | 1623 | 339 | 1634 | 0 | 54 |
| 2022/02/01 | 10:04 | 162 | 1623 | 336 | 1632 | 0 | 54 |
| 2022/02/01 | 10:06 | 160 | 1623 | 332 | 1625 | 0 | 54 |
| 2022/02/01 | 10:08 | 160 | 1623 | 332 | 1619 | 0 | 54 |
| 2022/02/01 | 10:10 | 161 | 1623 | 334 | 1623 | 0 | 54 |
| 2022/02/01 | 10:12 | 161 | 1623 | 334 | 1627 | 0 | 54 |
| 2022/02/01 | 10:14 | 161 | 1623 | 334 | 1626 | 0 | 54 |
| 2022/02/01 | 10:16 | 161 | 1623 | 335 | 1627 | 0 | 55 |
| 2022/02/01 | 10:18 | 160 | 1623 | 332 | 1631 | 0 | 56 |
| 2022/02/01 | 10:20 | 165 | 1636 | 342 | 1631 | 0 | 56 |
| 2022/02/01 | 10:22 | 157 | 1611 | 326 | 1615 | 0 | 56 |
| 2022/02/01 | 10:24 | 156 | 1611 | 322 | 1622 | 0 | 56 |
| 2022/02/01 | 10:26 | 165 | 1636 | 341 | 1632 | 0 | 57 |
| 2022/02/01 | 10:28 | 163 | 1623 | 339 | 1629 | 0 | 57 |
| Average | | 161 | 1623 | 334 | 1626 | 0 | 55 |
| 2022/02/01 | 10:30 | 160 | 1611 | 332 | 1613 | 0 | 57 |
| 2022/02/01 | 10:32 | 161 | 1623 | 335 | 1614 | 0 | 57 |
| 2022/02/01 | 10:34 | 162 | 1623 | 337 | 1622 | 0 | 57 |
| 2022/02/01 | 10:36 | 162 | 1623 | 337 | 1624 | 0 | 57 |
| Run 2 | | | | | | | |
| 2022/02/01 | 10:38 | 162 | 1623 | 336 | 1621 | 0 | 58 |
| 2022/02/01 | 10:40 | 162 | 1623 | 336 | 1619 | 0 | 58 |
| 2022/02/01 | 10:42 | 161 | 1623 | 335 | 1615 | 0 | 58 |
| 2022/02/01 | 10:44 | 161 | 1623 | 334 | 1612 | 0 | 58 |
| 2022/02/01 | 10:46 | 161 | 1623 | 333 | 1612 | 0 | 58 |
| 2022/02/01 | 10:48 | 161 | 1623 | 333 | 1619 | 0 | 58 |
| 2022/02/01 | 10:50 | 159 | 1623 | 330 | 1621 | 0 | 58 |
| 2022/02/01 | 10:52 | 159 | 1623 | 329 | 1613 | 0 | 58 |
| 2022/02/01 | 10:54 | 160 | 1623 | 332 | 1618 | 0 | 58 |
| 2022/02/01 | 10:56 | 160 | 1623 | 332 | 1622 | 0 | 59 |
| 2022/02/01 | 10:58 | 160 | 1623 | 331 | 1620 | 0 | 59 |
| 2022/02/01 | 11:00 | 160 | 1623 | 332 | 1619 | 0 | 59 |
| 2022/02/01 | 11:02 | 161 | 1623 | 333 | 1623 | 0 | 59 |
| 2022/02/01 | 11:04 | 161 | 1623 | 334 | 1627 | 0 | 59 |
| 2022/02/01 | 11:06 | 162 | 1623 | 336 | 1629 | 0 | 59 |
| Average | | 160 | 1623 | 333 | 1619 | 0 | 58 |
| 2022/02/01 | 11:08 | 162 | 1623 | 336 | 1630 | 0 | 60 |
| 2022/02/01 | 11:10 | 162 | 1623 | 335 | 1632 | 0 | 60 |
| 2022/02/01 | 11:12 | 161 | 1623 | 334 | 1628 | 0 | 60 |
| 2022/02/01 | 11:14 | 160 | 1623 | 332 | 1625 | 0 | 60 |
| Run 3 | | | | | | | |
| 2022/02/01 | 11:16 | 160 | 1623 | 332 | 1622 | 0 | 60 |
| 2022/02/01 | 11:18 | 162 | 1623 | 336 | 1629 | 0 | 60 |
| 2022/02/01 | 11:20 | 164 | 1636 | 339 | 1629 | 0 | 60 |
| 2022/02/01 | 11:22 | 163 | 1623 | 338 | 1627 | 0 | 60 |
| 2022/02/01 | 11:24 | 163 | 1623 | 338 | 1621 | 0 | 60 |
| 2022/02/01 | 11:26 | 171 | 1636 | 355 | 1630 | 0 | 61 |
| 2022/02/01 | 11:28 | 158 | 1611 | 326 | 1616 | 0 | 61 |
| 2022/02/01 | 11:30 | 155 | 1611 | 320 | 1615 | 0 | 61 |
| 2022/02/01 | 11:32 | 163 | 1636 | 337 | 1633 | 0 | 61 |
| 2022/02/01 | 11:34 | 165 | 1623 | 341 | 1626 | 0 | 61 |
| 2022/02/01 | 11:36 | 163 | 1623 | 339 | 1631 | 0 | 61 |
| 2022/02/01 | 11:38 | 162 | 1623 | 335 | 1634 | 0 | 61 |
| 2022/02/01 | 11:40 | 160 | 1623 | 331 | 1628 | 0 | 61 |
| 2022/02/01 | 11:42 | 159 | 1623 | 330 | 1622 | 0 | 61 |
| 2022/02/01 | 11:44 | 162 | 1623 | 335 | 1627 | 0 | 61 |
| Average | | 162 | 1624 | 335 | 1626 | 0 | 61 |
| 2022/02/01 | 11:46 | 164 | 1623 | 339 | 1626 | 0 | 61 |
| 2022/02/01 | 11:48 | 164 | 1623 | 340 | 1621 | 0 | 61 |
| 2022/02/01 | 11:50 | 164 | 1623 | 341 | 1628 | 0 | 61 |
| 2022/02/01 | 11:52 | 165 | 1623 | 342 | 1633 | 0 | 61 |
| 2022/02/01 | 11:54 | 166 | 1623 | 343 | 1636 | 0 | 62 |
| 2022/02/01 | 11:56 | 165 | 1623 | 343 | 1626 | 0 | 62 |
| 2022/02/01 | 11:58 | 164 | 1623 | 340 | 1623 | 0 | 62 |
| Run 1 | | | | | | | |
| 2022/02/01 | 12:00 | 162 | 1623 | 336 | 1621 | 0 | 62 |
| 2022/02/01 | 12:02 | 161 | 1623 | 335 | 1614 | 0 | 62 |
| 2022/02/01 | 12:04 | 161 | 1623 | 334 | 1614 | 0 | 62 |

FLAIR STATION CHART RECORDER DATA - 2022 SOURCE PERFORMANCE TEST

| Date and Time | | Flare 1 | | Flare 2 | | Flare 3 | |
|----------------|-------|-------------|-----------|-------------|-----------|-------------|-----------|
| Date | | Flow (SCFM) | Temp (°F) | Flow (SCFM) | Temp (°F) | Flow (SCFM) | Temp (°F) |
| 2022/02/01 | 12:06 | 161 | 1623 | 334 | 1613 | 0 | 62 |
| 2022/02/01 | 12:08 | 162 | 1623 | 336 | 1611 | 0 | 62 |
| 2022/02/01 | 12:10 | 162 | 1623 | 337 | 1617 | 0 | 62 |
| 2022/02/01 | 12:12 | 162 | 1623 | 336 | 1619 | 0 | 62 |
| 2022/02/01 | 12:14 | 162 | 1623 | 336 | 1616 | 0 | 62 |
| 2022/02/01 | 12:16 | 162 | 1623 | 336 | 1617 | 0 | 62 |
| 2022/02/01 | 12:18 | 162 | 1623 | 336 | 1615 | 0 | 62 |
| 2022/02/01 | 12:20 | 162 | 1623 | 335 | 1615 | 0 | 62 |
| 2022/02/01 | 12:22 | 161 | 1623 | 335 | 1619 | 0 | 63 |
| 2022/02/01 | 12:24 | 162 | 1623 | 335 | 1618 | 0 | 63 |
| 2022/02/01 | 12:26 | 163 | 1623 | 337 | 1619 | 0 | 63 |
| 2022/02/01 | 12:28 | 163 | 1623 | 337 | 1624 | 0 | 63 |
| Average | | 161 | 1623 | 335 | 1617 | 0 | 62 |
| 2022/02/01 | 12:30 | 162 | 1623 | 336 | 1629 | 0 | 63 |
| 2022/02/01 | 12:32 | 161 | 1623 | 334 | 1626 | 0 | 63 |
| 2022/02/01 | 12:34 | 162 | 1623 | 337 | 1627 | 0 | 63 |
| 2022/02/01 | 12:36 | 163 | 1623 | 338 | 1630 | 0 | 63 |
| Run 2 | | | | | | | |
| 2022/02/01 | 12:38 | 163 | 1623 | 337 | 1628 | 0 | 63 |
| 2022/02/01 | 12:40 | 163 | 1623 | 337 | 1628 | 0 | 63 |
| 2022/02/01 | 12:42 | 163 | 1623 | 337 | 1625 | 0 | 63 |
| 2022/02/01 | 12:44 | 162 | 1623 | 337 | 1624 | 0 | 63 |
| 2022/02/01 | 12:46 | 163 | 1623 | 338 | 1629 | 0 | 63 |
| 2022/02/01 | 12:48 | 163 | 1623 | 337 | 1635 | 0 | 63 |
| 2022/02/01 | 12:50 | 162 | 1623 | 337 | 1636 | 0 | 63 |
| 2022/02/01 | 12:52 | 162 | 1623 | 337 | 1633 | 0 | 63 |
| 2022/02/01 | 12:54 | 162 | 1623 | 336 | 1632 | 0 | 63 |
| 2022/02/01 | 12:56 | 162 | 1623 | 336 | 1630 | 0 | 63 |
| 2022/02/01 | 12:58 | 163 | 1623 | 338 | 1631 | 0 | 63 |
| 2022/02/01 | 13:00 | 163 | 1623 | 339 | 1635 | 0 | 63 |
| 2022/02/01 | 13:02 | 163 | 1623 | 338 | 1636 | 0 | 63 |
| 2022/02/01 | 13:04 | 163 | 1623 | 337 | 1626 | 0 | 63 |
| 2022/02/01 | 13:06 | 163 | 1623 | 337 | 1618 | 0 | 64 |
| Average | | 162 | 1623 | 337 | 1629 | 0 | 63 |
| 2022/02/01 | 13:08 | 162 | 1623 | 336 | 1621 | 0 | 64 |
| 2022/02/01 | 13:10 | 162 | 1623 | 336 | 1621 | 0 | 64 |
| 2022/02/01 | 13:12 | 162 | 1623 | 335 | 1618 | 0 | 64 |
| 2022/02/01 | 13:14 | 161 | 1623 | 334 | 1616 | 0 | 64 |
| Run 3 | | | | | | | |
| 2022/02/01 | 13:16 | 160 | 1623 | 332 | 1619 | 0 | 64 |
| 2022/02/01 | 13:18 | 161 | 1623 | 334 | 1626 | 0 | 64 |
| 2022/02/01 | 13:20 | 161 | 1623 | 335 | 1624 | 0 | 64 |
| 2022/02/01 | 13:22 | 161 | 1623 | 333 | 1622 | 0 | 64 |
| 2022/02/01 | 13:24 | 162 | 1623 | 336 | 1626 | 0 | 64 |
| 2022/02/01 | 13:26 | 164 | 1623 | 339 | 1634 | 0 | 64 |
| 2022/02/01 | 13:28 | 164 | 1623 | 339 | 1627 | 0 | 64 |
| 2022/02/01 | 13:30 | 163 | 1623 | 338 | 1629 | 0 | 64 |
| 2022/02/01 | 13:32 | 162 | 1623 | 337 | 1631 | 0 | 64 |
| 2022/02/01 | 13:34 | 162 | 1623 | 337 | 1629 | 0 | 64 |
| 2022/02/01 | 13:36 | 162 | 1623 | 337 | 1627 | 0 | 64 |
| 2022/02/01 | 13:38 | 162 | 1623 | 337 | 1627 | 0 | 64 |
| 2022/02/01 | 13:40 | 162 | 1623 | 336 | 1625 | 0 | 64 |
| 2022/02/01 | 13:42 | 161 | 1623 | 334 | 1625 | 0 | 64 |
| 2022/02/01 | 13:44 | 161 | 1623 | 333 | 1623 | 0 | 64 |
| Average | | 162 | 1623 | 336 | 1626 | 0 | 64 |
| 2022/02/01 | 13:46 | 160 | 1623 | 332 | 1617 | 0 | 64 |
| 2022/02/01 | 13:48 | 160 | 1623 | 331 | 1613 | 0 | 64 |
| 2022/02/01 | 13:50 | 161 | 1623 | 333 | 1615 | 0 | 64 |
| 2022/02/01 | 13:52 | 205 | 1623 | 169 | 1651 | 0 | 64 |
| 2022/02/01 | 13:54 | 128 | 1411 | 13 | 1407 | 15 | 64 |
| 2022/02/01 | 13:56 | 0 | 1048 | -1 | 1020 | 0 | 64 |
| 2022/02/01 | 13:58 | 94 | 836 | -1 | 806 | 467 | 261 |
| 2022/02/01 | 14:00 | 168 | 1223 | -1 | 669 | 588 | 1028 |
| 2022/02/01 | 14:02 | 143 | 1636 | -1 | 571 | 488 | 1734 |
| 2022/02/01 | 14:04 | 131 | 1611 | -1 | 499 | 439 | 1671 |
| 2022/02/01 | 14:06 | 124 | 1611 | -1 | 442 | 413 | 1643 |
| 2022/02/01 | 14:08 | 121 | 1611 | -1 | 397 | 398 | 1637 |
| 2022/02/01 | 14:10 | 121 | 1623 | -1 | 359 | 395 | 1636 |
| 2022/02/01 | 14:12 | 120 | 1623 | -1 | 329 | 393 | 1627 |
| 2022/02/01 | 14:14 | 121 | 1623 | -1 | 302 | 395 | 1628 |
| Run 1 | | | | | | | |

FLAIR STATION CHART RECORDER DATA - 2022 SOURCE PERFORMANCE TEST

| Date and Time | | Flare 1 | | Flare 2 | | Flare 3 | |
|----------------|-------|-------------|-----------|-------------|-----------|-------------|-----------|
| Date | | Flow (SCFM) | Temp (°F) | Flow (SCFM) | Temp (°F) | Flow (SCFM) | Temp (°F) |
| 2022/02/01 | 14:16 | 121 | 1623 | -1 | 279 | 396 | 1639 |
| 2022/02/01 | 14:18 | 121 | 1623 | -1 | 259 | 395 | 1630 |
| 2022/02/01 | 14:20 | 120 | 1623 | -1 | 242 | 391 | 1627 |
| 2022/02/01 | 14:22 | 120 | 1623 | -1 | 228 | 391 | 1628 |
| 2022/02/01 | 14:24 | 121 | 1623 | -1 | 214 | 392 | 1626 |
| 2022/02/01 | 14:26 | 121 | 1623 | -1 | 203 | 392 | 1628 |
| 2022/02/01 | 14:28 | 121 | 1623 | -1 | 193 | 392 | 1626 |
| 2022/02/01 | 14:30 | 121 | 1623 | -1 | 185 | 391 | 1627 |
| 2022/02/01 | 14:32 | 121 | 1623 | -1 | 176 | 390 | 1626 |
| 2022/02/01 | 14:34 | 120 | 1623 | -1 | 169 | 390 | 1626 |
| 2022/02/01 | 14:36 | 120 | 1623 | -1 | 163 | 388 | 1630 |
| 2022/02/01 | 14:38 | 120 | 1623 | -1 | 157 | 389 | 1630 |
| 2022/02/01 | 14:40 | 121 | 1623 | -1 | 151 | 392 | 1626 |
| 2022/02/01 | 14:42 | 122 | 1623 | -1 | 146 | 395 | 1628 |
| 2022/02/01 | 14:44 | 122 | 1623 | -1 | 142 | 396 | 1626 |
| Average | | 120 | 1623 | -1 | 193 | 392 | 1628 |
| 2022/02/01 | 14:46 | 122 | 1623 | -1 | 137 | 395 | 1623 |
| 2022/02/01 | 14:48 | 122 | 1623 | -1 | 133 | 393 | 1633 |
| 2022/02/01 | 14:50 | 121 | 1623 | -1 | 129 | 392 | 1627 |
| 2022/02/01 | 14:52 | 121 | 1623 | -1 | 125 | 391 | 1624 |
| Run 2 | | | | | | | |
| 2022/02/01 | 14:54 | 121 | 1623 | -1 | 122 | 391 | 1617 |
| 2022/02/01 | 14:56 | 121 | 1623 | -1 | 119 | 392 | 1621 |
| 2022/02/01 | 14:58 | 121 | 1623 | -1 | 116 | 392 | 1625 |
| 2022/02/01 | 15:00 | 121 | 1623 | -1 | 113 | 390 | 1625 |
| 2022/02/01 | 15:02 | 120 | 1623 | -1 | 111 | 387 | 1618 |
| 2022/02/01 | 15:04 | 120 | 1623 | -1 | 108 | 389 | 1623 |
| 2022/02/01 | 15:06 | 121 | 1623 | -1 | 107 | 391 | 1635 |
| 2022/02/01 | 15:08 | 121 | 1623 | -1 | 105 | 392 | 1632 |
| 2022/02/01 | 15:10 | 121 | 1623 | -1 | 102 | 392 | 1625 |
| 2022/02/01 | 15:12 | 121 | 1623 | -1 | 101 | 392 | 1627 |
| 2022/02/01 | 15:14 | 121 | 1623 | -1 | 99 | 392 | 1625 |
| 2022/02/01 | 15:16 | 121 | 1623 | -1 | 98 | 392 | 1626 |
| 2022/02/01 | 15:18 | 121 | 1623 | -1 | 96 | 391 | 1624 |
| 2022/02/01 | 15:20 | 121 | 1623 | -1 | 95 | 390 | 1620 |
| 2022/02/01 | 15:22 | 120 | 1623 | -1 | 94 | 390 | 1624 |
| Average | | 121 | 1623 | -1 | 106 | 391 | 1624 |
| 2022/02/01 | 15:24 | 120 | 1623 | -1 | 92 | 390 | 1618 |
| 2022/02/01 | 15:26 | 120 | 1623 | -1 | 92 | 387 | 1618 |
| 2022/02/01 | 15:28 | 120 | 1623 | -1 | 90 | 388 | 1623 |
| 2022/02/01 | 15:30 | 121 | 1623 | -1 | 89 | 391 | 1630 |
| Run 3 | | | | | | | |
| 2022/02/01 | 15:32 | 121 | 1623 | -1 | 88 | 392 | 1631 |
| 2022/02/01 | 15:34 | 121 | 1623 | -1 | 88 | 391 | 1618 |
| 2022/02/01 | 15:36 | 121 | 1623 | -1 | 87 | 390 | 1627 |
| 2022/02/01 | 15:38 | 120 | 1623 | -1 | 86 | 389 | 1626 |
| 2022/02/01 | 15:40 | 120 | 1623 | -1 | 85 | 389 | 1628 |
| 2022/02/01 | 15:42 | 120 | 1623 | -1 | 85 | 390 | 1621 |
| 2022/02/01 | 15:44 | 121 | 1623 | -1 | 85 | 391 | 1628 |
| 2022/02/01 | 15:46 | 121 | 1623 | -1 | 83 | 392 | 1627 |
| 2022/02/01 | 15:48 | 121 | 1623 | -1 | 83 | 391 | 1610 |
| 2022/02/01 | 15:50 | 120 | 1623 | -1 | 82 | 389 | 1617 |
| 2022/02/01 | 15:52 | 120 | 1623 | -1 | 81 | 388 | 1617 |
| 2022/02/01 | 15:54 | 120 | 1623 | -1 | 81 | 390 | 1623 |
| 2022/02/01 | 15:56 | 121 | 1623 | -1 | 80 | 391 | 1628 |
| 2022/02/01 | 15:58 | 121 | 1623 | -1 | 80 | 391 | 1633 |
| 2022/02/01 | 16:00 | 121 | 1623 | -1 | 79 | 390 | 1634 |
| 2022/02/01 | 16:02 | 120 | 1623 | -1 | 79 | 390 | 1636 |
| Average | | 120 | 1623 | -1 | 83 | 390 | 1625 |
| Run 1 | | 161 | 1623 | 335 | 1617 | 392 | 1628 |
| Run 2 | | 160 | 1623 | 337 | 1629 | 391 | 1624 |
| Run 3 | | 162 | 1624 | 336 | 1626 | 390 | 1625 |
| Average | | 161 | 1623 | 336 | 1624 | 391 | 1626 |

1 Hour

1 Day

3 Days

12 Hour

6 Hour

Custom

Reset Chart

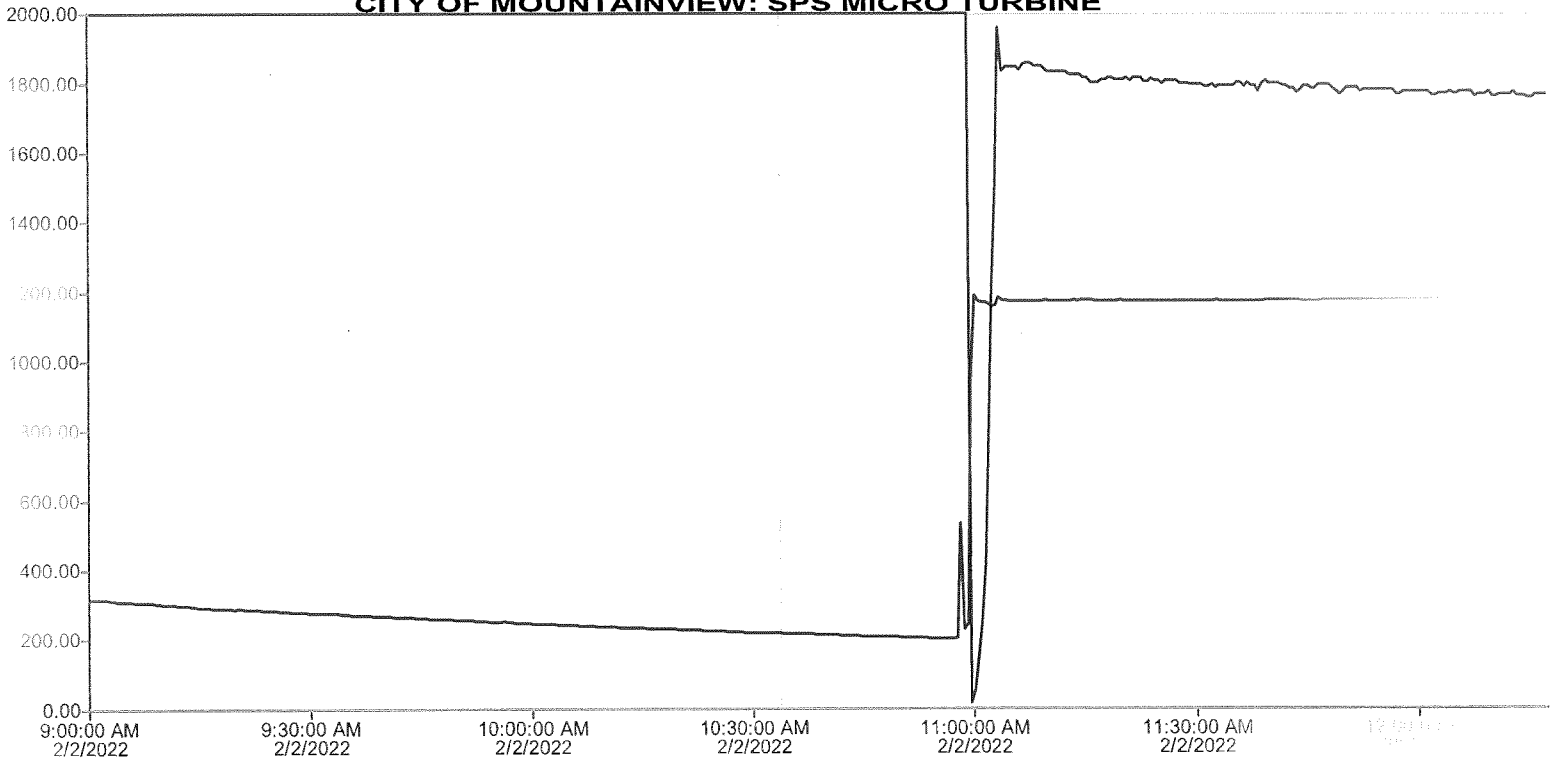
Trend Selection:

SPS Micro Turbine

GO

Print

CITY OF MOUNTAINVIEW: SPS MICRO TURBINE



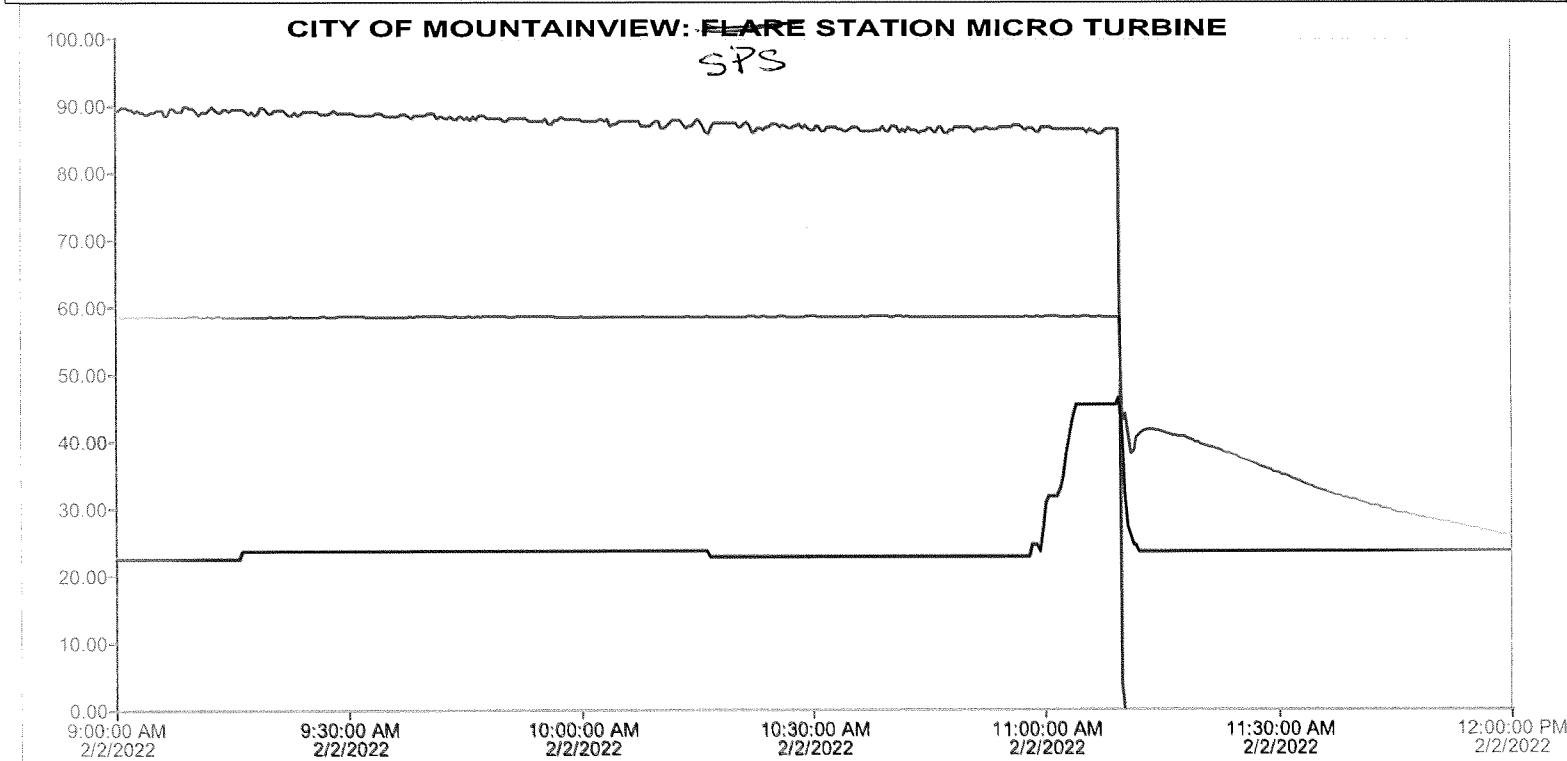
Hist.MOC_HOST.R24MTPwrOut
Hist.MOC_HOST.CA24MTEyhTm

SPSMT - Power Output
Pump Station Turbine Exhaust Temp

359214.22 watt
216.60 degF



| | | | | | | | |
|--------------------------------------|-------|--------|----------------|--------|--------|-------------|-------|
| 1 Hour | 1 Day | 3 Days | 12 Hour | 6 Hour | Custom | Reset Chart | |
| Trend Selection: Flare Micro Turbine | | | | | | GO | Print |



| | | | |
|---------------------------|---------------------------------------|----------|-------|
| Hist.MOC_HOST.R46MTPwrOut | FlareMT - Power Output (F_CV) | 60864.21 | watt |
| Hist.MOC_HOST.CA46MTEyhTm | Flare Station Turbine Exhaust Temp | 1175.22 | deg F |
| Hist.MOC_Host.R50FT_311_S | Gas Inlet Flow frm Kurtz Meter (F_CV) | 22.94 | |



Bill Johnston

From: Sharma, Ankit <Ankit.Sharma@mountainview.gov>
Sent: Friday, February 18, 2022 11:49 AM
To: Bill Johnston
Cc: Bean, Jason
Subject: RE: Flare source test
Attachments: ldf_Trend_S17 - Flow for MT at Sewer Pump Station.pdf

Hi Bill,

I went back to our email exchange for last year and I figured out what we did.

- 2/11/21, Flare Station Microturbine = 6 hour interval that has power, temp and flow.
- 2/09/21, Flare Station Microturbine = 6 hour interval that has flow for the SPS microturbine when flare turbine was off.
- 2/09/11, SPS Microturbine = 6 hour interval that has power and temp.

Since the SPS microturbine doesn't have its own flowmeter, we provided the FS Chart when the Flare Turbine was off, showing all flow directed towards SPS. I've gone ahead and provided that.

Regards,

Ankit Sharma, EIT, M.S. | Associate Engineer



City of Mountain View

Public Works Department | Engineering & Environmental Compliance
231 N. Whisman Road, Mountain View, CA 94043
Direct | 650.903.6283 Main | 650.903.6329

From: Bill Johnston <bill@best-enviro.com>
Sent: Friday, February 18, 2022 10:54 AM
To: Sharma, Ankit <Ankit.Sharma@mountainview.gov>
Subject: Re: Flare source test

CAUTION: EXTERNAL EMAIL - Ensure you trust this email before clicking on any links or attachments.

You got it last year. It was on a second screen.

Bill Johnston
510-685-0261

On Feb 18, 2022, at 10:16 AM, Sharma, Ankit <Ankit.Sharma@mountainview.gov> wrote:

Hello Bill,

1 Hour

1 Day

3 Days

12 Hour

6 Hour

Custom

Reset Chart

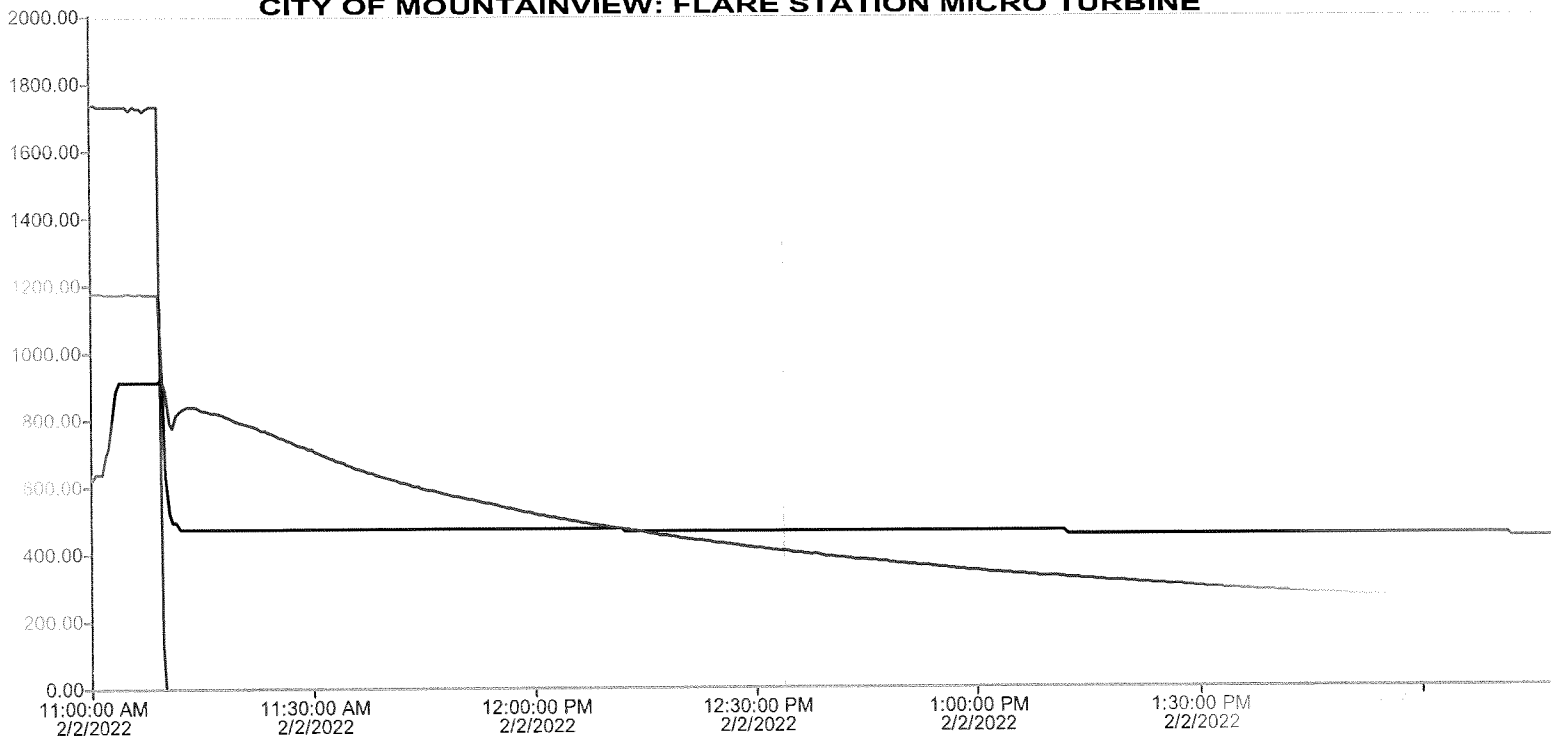
Trend Selection:

Flare Micro Turbine

GO

Print

CITY OF MOUNTAINVIEW: FLARE STATION MICRO TURBINE



Hist.MOC_HOST.R46MTPwrOut
 Hist.MOC_HOST.CA46MTExhTm
 Hist.MOC_Host.R50FT_311_S

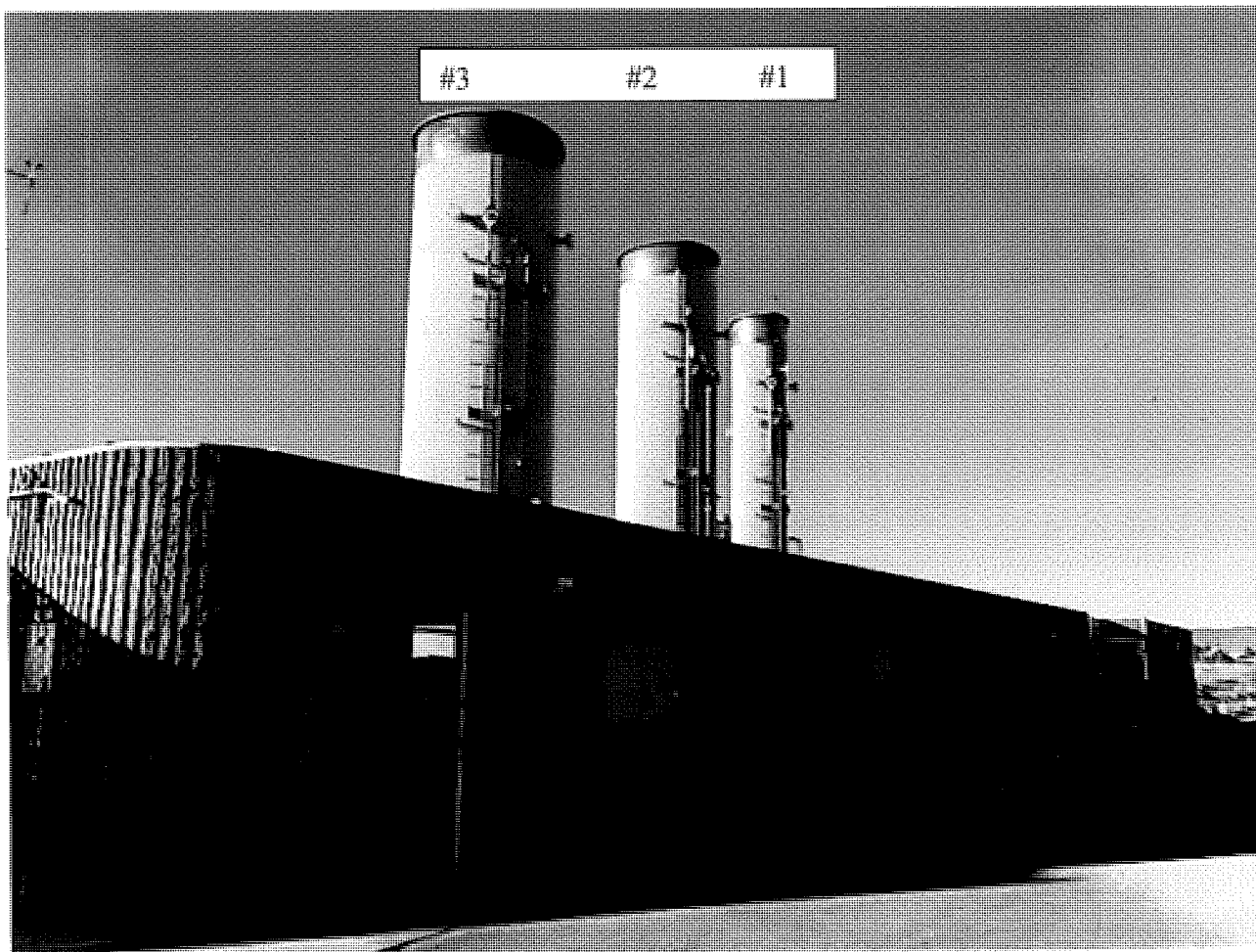
FlareMT - Power Output (F_CV)
 Flare Station Turbine Exhaust Temp
 Gas Inlet Flow frm Kurtz Meter (F_CV)

-785.52 watt
 405.12 deg F
 23.19



APPENDIX F
STACK DIAGRAMS

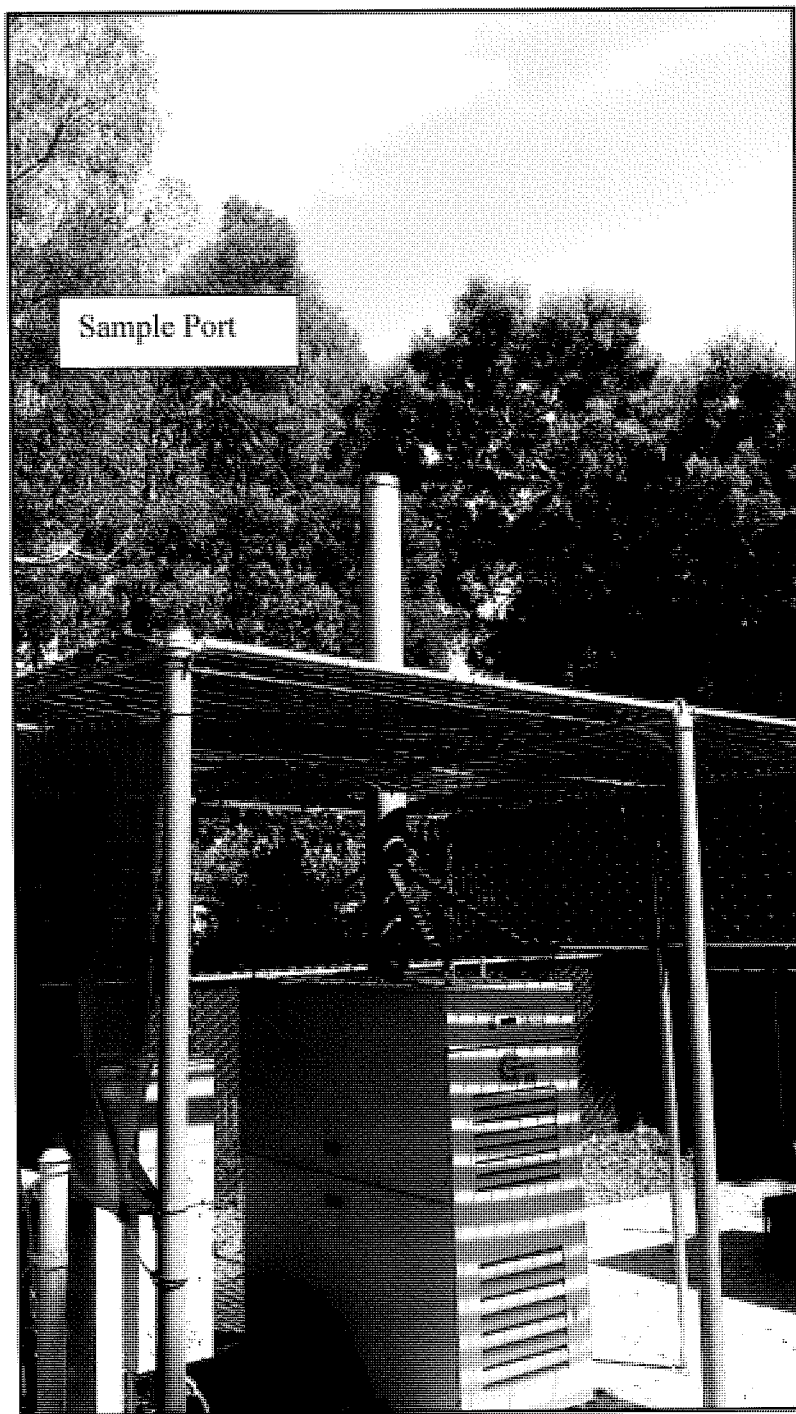
**City of Mountain View @ Shoreline Landfill
3 Landfill Gas Flares
Plant #2740 (A-6, A-7 & A-8)**



**City of Mountain View @ Shoreline Landfill
Landfill Gas Microturbine
Plant #2740 (S-16)**

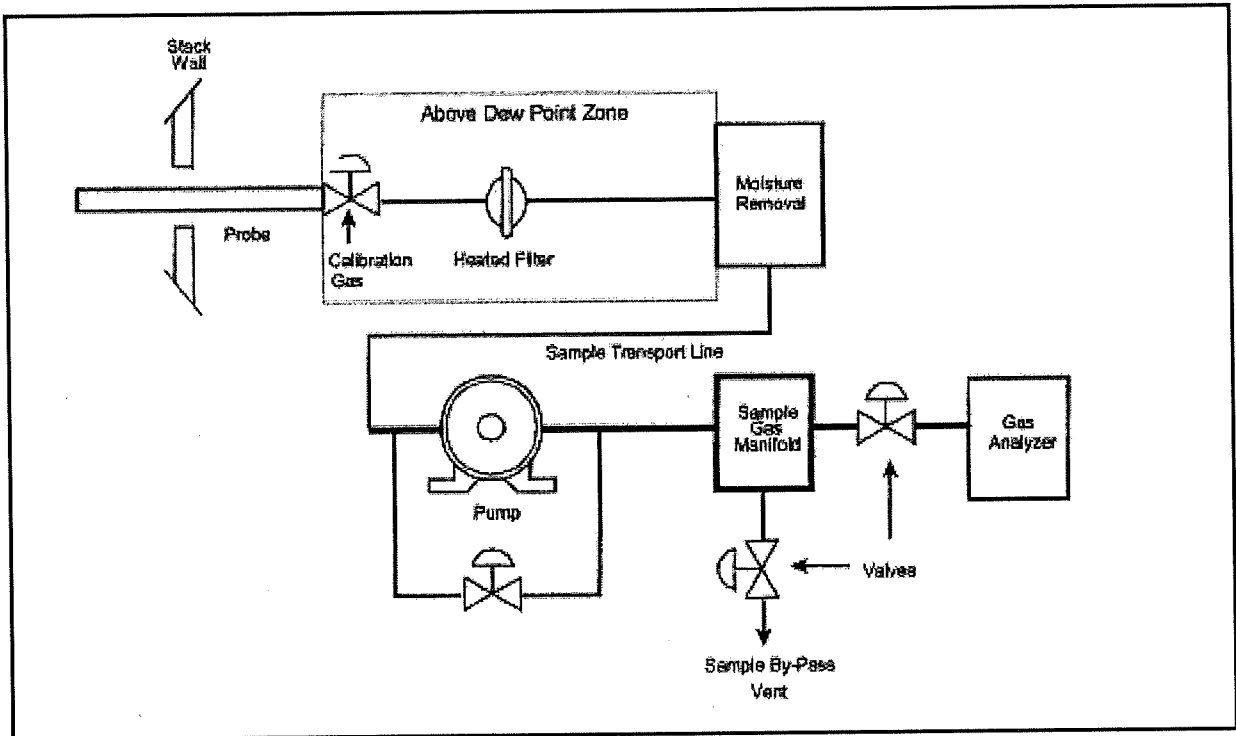


**City of Mountain View @ Shoreline Landfill
Landfill Gas Microturbine
Plant #2740 (S-17)**



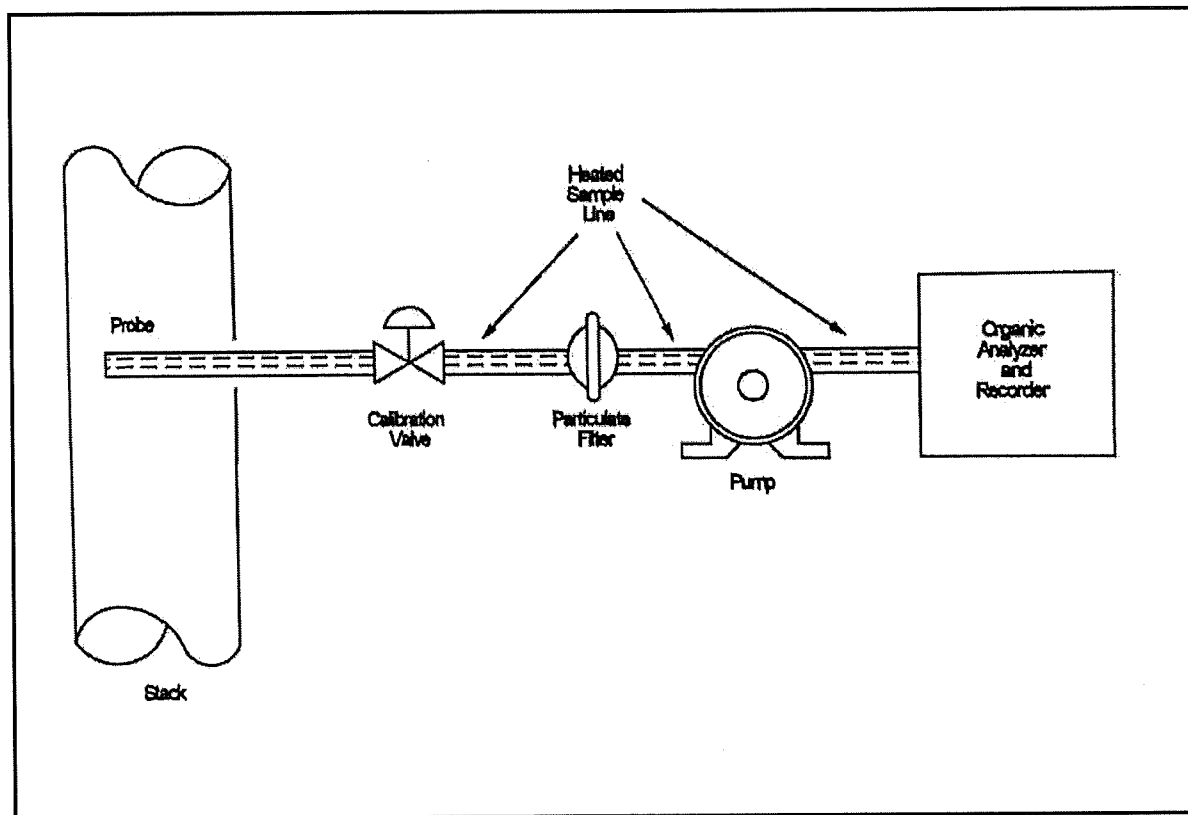
APPENDIX G
SAMPLING SYSTEM DIAGRAMS

EPA Methods 3A, 6C, 7E & 10



CEM Sampling Train

EPA Method 25A



Organic Concentration Measurement System

APPENDIX H
SOURCE TEST PLAN & NST

BEST ENVIRONMENTAL
339 Stealth Court
Livermore, California 94551
(925) 455-9474 FAX (925) 455-9479
bestair@best-enviro.com
www.best-enviro.com

BAAQMD NOTICE OF SOURCE TEST (NST) REQUEST AND PROCEDURE APPROVAL FORM

Site Number: A2740

Plant Name: CITY OF MOUNTAIN VIEW, Shoreline Landfill, 2600 Shoreline Blvd., Mountain View CA

Plant Contact: Rene Munoz

Phone: 650 903-6770

Testing Company: Best Environmental

Testing Contact: Bobby Asfour

Phone: 925-455-9474 x 103

Purpose: Routine annual compliance, Permit Conditions 16065 & 24989

Sources: A-6, A-7, A-8, S-16 & S-17

Description: 3 Flares & 2 microturbines

Test Parameters:

Flares: Condition 16065

Outlet: NOx, CO, O2, CH4, NMOC, Flow

Inlet: Gas BTU, N2, O2, CO2, Total Reduced Sulfur, LFG speciation section 16/Flow Rate NMOC & CH4 DRE,

Combustion zone Temperature, LFG Flow

Methods to be Used:

Outlet: EPA Methods 3A, 7E, 10, 18 & 25A

EPA Method 19

Inlet: ASTM D-1945/3588 & 6228

EPA Methods 18, 25C & TO-15

3 X 30-MIN RUNS EACH FLARE

Microturbines: Condition 24989

Outlet: O2, CH4, NMOC, Flow

Inlet: Gas BTU, N2, O2, CO2, Flow Rate NMOC & CH4 DRE Combustion zone Temperature, KW Load

Methods to be Used:

Outlet: BAAQMD ST-7, ST-14

EPA Method 19

Inlet: ASTM D-1945/3588, EPA Method 25C

3 X 30-MIN RUNS EACH MICRO-TURBINE

*See attached protocol for more information.

Test Dates: January 25 & 26, 2022

Source Test Protocol

CITY OF MOUNTAIN VIEW @ SHORELINE LANDFILL

Mountain View, CA

Plant #2740

**Three Landfill Gas Fired Flares [A-6, A-7 & A-8] &
Two Landfill Gas Fired Micro-Turbines [S-16 & S-17]**

Prepared For:

City of Mountain View
Public Works Division
231 North Whisman Road
Mountain View, CA 94043
Attn: Ankit Sharma

Submitted To:

Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105-2066
Attn: Gloria Espena

Prepared By:

BEST ENVIRONMENTAL
339 Stealth Court
Livermore, CA 94551
Phone (925) 455-9474
Fax (925) 455-9479
Attn: Bobby Asfour

Date Issued: January 5, 2022

SUMMARY INFORMATION

Source Test Information

General Information

Source Owner: City of Mountain View
 Source Location: Shoreline Landfill
 2600 Shoreline Boulevard
 Mountain View, CA 94043
 Contact: Ankit Sharma
 Phone: (650) 903-6283
 Source Description: Three flares and two micro turbines fired on landfill gas.
 (A-6, A-7, A-8, S-16 & S-17)

Test Parameters & Limits:

Flares-Condition 16065

NOx: 15 ppm @ 15% O₂,
 CO: 83 ppm @ 15% O₂,
 NMOC: 30 ppm @ 3% O₂ as Methane or 98% DRE
 CH₄: ≥ 99% DRE
 LFG Sulfur: 150 ppmv

Microturbines-Condition 24989

NMOC: 120 ppm @ 3% O₂ as Methane or 98% DRE
 CH₄: ≥ 99% DRE

Source Testing Firm: **BEST ENVIRONMENTAL (BE)**
 339 Stealth Court
 Livermore, CA 94551
 Phone: (925) 455-9474
 Fax: (925) 455-9479
 Contact: Regan Best or Bobby Asfour

Testing Date(s): January 25 & 26, 2022

Analytical Laboratories: **Atmospheric Analysis & Consultants**
(LFG Organics & NMOC)
 1534 Eastman Avenue, Ste. A
 Ventura, CA 93003
 Attn: Marcus Hueppe
 Phone: (805) 650-1642

**BEST ENVIRONMENTAL (BE) [VOC, CH₄ & Sulfur
 compounds, Fuel HHV, C₁-C₆+, O₂, CO₂, N₂, THC, CH₄ &
 NMOC]**
 339 Stealth Court
 Livermore, CA 94551
 Phone: (925) 455-9474

1.0 Introduction:

The Source testing program objective is to determine annual compliance with respect to BAAQMD monitoring and emission requirements (Permit to Operate, Plant #2740, Conditions # 16065 & 24989, District Regulation 8-34-301.3 and 8-34-412). Meeting these objectives will require Continuous Emissions Monitoring (CEM) of O₂, CO₂, NO_x, CO, CH₄, THC & NMOC at each flare outlet and O₂, CH₄, THC & NMOC at each microturbine outlet. As well as composition (NMOC, C₁-C₆, O₂, CO₂, CH₄, N₂ & BTU) of the landfill gas (LFG). Additionally, a landfill gas characterization (speciated organic and sulfur compounds) will be determined for this source test.

The equipment should be operated at normal load during the testing.

2.0 Emission Source Information:

The City of Mountain View operates three flares and two micro turbines at the Shoreline landfill.

The landfill gas fired flares are control devices for the treatment of landfill gas (mainly methane, carbon dioxide and nitrogen) that is generated from the decomposition of waste. The gas is collected in a network of interconnected pipes from several landfill gas extraction wells that draw a vacuum on the vapors in the landfill. The vapors are treated to remove condensate and particulate material, and then they are incinerated in the flare.

The landfill gas fired Micro-Turbines are also control devices for the treatment of landfill gas (mainly methane, carbon dioxide and nitrogen) that is generated from the decomposition of waste. The gas is collected in a network of interconnected pipes from several vertical extraction wells that draw a vacuum on the vapors in the landfill. The vapors are treated to remove condensate, particulate material, siloxanes and heavy hydrocarbons, and then they are incinerated in the combustion chamber of the Micro-Turbines. The Micro-Turbines are rated at 65kW and are operated 24 hours per day.

Each unit is required to comply with the following limits.

| Source | Equipment | Limits |
|--------|--------------|--|
| A-6 | Flare | NO _x 15 ppm @ 15% O ₂ , CO 83 ppm @ 15% O ₂ , NMOC 30 ppm @ 3% O ₂ as Methane or 98% DRE, CH ₄ ≥ 99% DRE |
| A-7 | Flare | |
| A-8 | Flare | |
| S-16 | Microturbine | NMOC 120 ppm @ 3% O ₂ as Methane |
| S-17 | Microturbine | CH ₄ ≥ 99% DRE |

*Additionally, all units are required to comply with 9 ppmv SO₂ @ 15% O₂ at the outlet or alternatively 150 ppmv TRS as H₂S in the landfill gas.

***Facility provided temperature and LFG flow data will be included in the final report.**

3.0 Source Testing Program Description:

Overview of Sampling-Each Flare - Condition 16065

Triplicate 30-minute test runs will be performed on each outlet for O₂, NO_x, CO, THC, CH₄ and TNMHC. During each test run, bag samples will be collected through activated charcoal, and analyzed through the back of the THC analyzer for Methane (CH₄) determination at the end of each run. NMOC is assumed equal to total non-methane hydrocarbons. During each test run all relevant data (landfill gas flow & combustion temp.) will be monitored for compliance purposes. Fuel flow, stack O₂ and BTU gas combustion factors will be used to calculate the dry standard stack flow rate (DSCFM) and heat input load (MMBtu/hr). Triplicate landfill gas (LFG) samples will be collected concurrent with each run and analyzed for THC, CH₄ & NMOC. **Triplicate LFG samples** for each unit will be collected and analyzed for gas composition including C₁-C₆+, CH₄, N₂, O₂, CO₂ and higher heating values (HHV-BTU). **Triplicate samples** of the landfill gas will also be collected and analyzed for speciated organic (VOC) and inorganic (sulfur) compounds. Methane and NMOC destruction efficiency will be determined for each flare to comply with State of California Assembly Bill 32 (AB32).

| Parameter | Location | Method(s) | Duration | # of Runs |
|---|----------|---|----------|-----------|
| THC, CH ₄ , NMOC, NO _x , CO & O ₂ | Exhaust | EPA Methods 3A, 7E, 10 & 25A | 30 mins | 3 |
| Flow Rate, DSCFM | Exhaust | EPA 19 | 30 mins | 3 |
| Flow Rate, SCFM** | Inlet | Gas Metering System | 30 mins | 3 |
| NMOC, THC & CH ₄ | Inlet | EPA 18 | ~30 mins | 3 |
| C1-C6, O ₂ , CO ₂ , CH ₄ , N ₂ & BTU | Inlet | ASTM D-1945/3588 | ~30 mins | 3 |
| O ₂ , CO ₂ , N ₂ , THC, CH ₄ , NMOC, LFG organics & sulfur compounds* | Inlet | ASTM D-1945, EPA TO-15, 25C & ASTM D-6228 | ~30 mins | 3* |

*Will include regulated compounds listed in EPA's AP-42 Table 2.4-1. Three samples will be collected for all testing.

**Gas metering system calibrations will be included in the final report.

Adequate sample containers will be used for each collected sample. The lab report will include a statement confirming this.

Overview of Sampling- Each Micro-turbine - Condition 24898

Triplicate 30-minute test runs will be performed on each outlet for O₂, THC, CH₄ and TNMHC. During each test run, bag samples will be collected through activated charcoal, and analyzed through the back of the THC analyzer for Methane (CH₄) determination at the end of each run. NMOC is assumed equal to total non-methane hydrocarbons. During each test run all relevant data (landfill gas flow & combustion temp.) will be monitored for compliance purposes. Fuel flow, stack O₂ and BTU gas combustion factors will be used to calculate the dry standard stack flow rate (DSCFM) and heat input load (MMBtu/hr). Triplicate landfill gas (LFG) samples will be collected concurrent with each run and analyzed for THC, CH₄ & NMOC. A single LFG sample for each unit will be collected and analyzed for gas composition including; C₁-C₆+, CH₄, N₂, O₂, CO₂ and higher heating values (HHV-BTU). Methane destruction efficiency will be determined for each microturbine to comply with State of California Assembly Bill 32 (AB32).

| Parameter | Location | Method(s) | Duration | # of Runs |
|--|----------|---------------------|----------|-----------|
| THC, CH ₄ , NMOC & O ₂ | Exhaust | BAAQMD ST-7 & 14 | 30 mins | 3 |
| Flow Rate, DSCFM | Exhaust | EPA 19 | 30 mins | 3 |
| THC, CH ₄ , NMOC | Inlet | EPA Method 18 | 30 mins | 3 |
| Flow Rate, SCFM | Inlet | Gas Metering System | 30 mins | 3 |
| C1-C6, O ₂ , CO ₂ , CH ₄ , N ₂ & BTU | Inlet | ASTM D-1945/3588 | ~30 mins | 3 |

4.0 Source Testing Procedures:

This section is intended to provide an overview of the sampling strategy and does not attempt to summarize the sampling procedures, which are described in detail in the reference methods.

EPA Methods 7E (NO_x), 10 (CO), 18/25A (THC, CH₄ & NMOC), 3A (O₂), EPA Method 18 (LFG THC, CH₄ & NMOC), ASTM D-1945/3588 (C1-C6, O₂, CO₂, CH₄, N₂ & BTU), EPA Method TO-15 & D-6228 (Landfill gas characterization & TRS) and EPA Method 19 (DSCFM) will be used to determine emission compliance.

For the Continuous Emission Monitoring procedures (EPA Methods 7E, 10 & 3A), a sample is extracted from the exhaust stack conditioned and analyzed by continuous monitoring gas analyzers in a test van. The sampling system consists of a stainless-steel sample probe, heated Teflon sample line, glass-fiber particulate filter, glass moisture-condensation knockouts, Teflon sample transfer tubing, diaphragm pump and a stainless steel/Teflon manifold and flow control system. A constant sample and calibration gas supply pressure of 5 PSI is provided to each analyzer to avoid pressure variable response errors. The entire sampling system is leak checked before and after the sampling program. The BE sampling and analytical system is checked for linearity with zero, mid and high span calibrations, and is checked for system bias at the beginning and end of each test run. System bias is determined by pulling calibration gas through the entire sampling system. Individual test run calibrations will use the calibration gas that most closely matches the stack gas effluent. The calibration gases will be selected to fall approximately within the following instrument ranges; 80 to 90 percent for the high calibration, 40 to 60 percent for the mid range, and zero. Zero and calibration drift values and system bias will be determined for each test run. A stratification check is performed on the source during the first test run.

The following system and test criteria will be monitored **(EPA Methods 7E, 3A, & 10):**

| Parameter | Limits |
|--------------------------------------|--------------------------------------|
| System Criteria | |
| Instrument Linearity | ± 2% Calibration Span or ± 0.5 diff. |
| System Bias | ± 5% Calibration Span or ± 0.5 diff. |
| Calibration Gas | ± 2% Value |
| NO _x converter efficiency | >90% |
| Test Criteria | |
| Instrument Zero Drift | ± 3% Calibration Span or ± 0.5 diff. |
| Instrument Span Drift | ± 3% Calibration Span or ± 0.5 diff. |

EPA 25A (THC/VOC by FID) is an accepted method for the determination of Total Hydrocarbons (THC), Volatile Organic Compounds (VOC) and methane (CH₄) [THC=VOC+CH₄]. A flame ionization detector (FID) total hydrocarbon continuous monitor is used for the sampling. The sampling and calibrations are performed through an all heated sample line connected directly to the THC analyzer without the removal of moisture. The FID in the analyzer is heated to 180 °C. The calibration gases are selected to fall within the following instrument ranges; 80 to 90 percent for the high calibration, 45 to 55 percent for the mid range calibration, 25 to 35 percent for the low range calibration and zero. Zero and mid calibration drift values are determined for each test run. A methane cutter and/or activated charcoal can be used to determine ROC's. Bag samples can be collected through activated charcoal (scrubbing out

the ROC) during each run and analyzed at the end of each run with the THC analyzer to determine the stack gas methane content.

EPA Method 25A will meet the following QA/QC method requirements:

| | | |
|-----------------------|--|---------------------------|
| System Criteria | | |
| Instrument Linearity | | ≤5% Calibration Gas Conc. |
| Test Criteria | | |
| Instrument Zero Drift | | ≤3% Span Range |
| Instrument Span Drift | | ≤3% Span Range |

BAAQMD ST-7 & 14. For the Continuous Emission Monitoring procedures, a sample is extracted from the exhaust stack conditioned and analyzed by continuous monitoring gas analyzers in a test van. The sampling system consists of a stainless-steel sample probe, heated Teflon sample line, glass-fiber particulate filter, glass moisture-condensation knockouts, Teflon sample transfer tubing, diaphragm pump and a stainless steel/Teflon manifold and flow control system. A constant sample and calibration gas supply pressure of 5 PSI is provided to each analyzer to avoid pressure variable response errors. The entire sampling system is leak checked before and after the sampling program. The BE sampling and analytical system is calibrated with zero and high span calibration gases. Zero and calibration drift values will be determined for each test.

All calibration gases are EPA Protocol #1 rated or are traceable to the National Institute of Standards and Technology. Calibration gas certificates will be included in the final test report. The analyzer data recording system consists of a strip chart recorder and computer data acquisition system (DAS).

The following continuous monitoring analyzers or equivalents will be used:

| <u>Parameter</u> | <u>Make Model</u> | <u>Principle</u> |
|---------------------|-------------------|-------------------|
| THC/CH ₄ | CAI 300M | H-FID |
| NO _x | CAI 600CLD | Chemiluminescence |
| O ₂ | CAI 110P | Paramagnetic |
| CO | TECO 48i | IR |

The following expected concentrations and calibration ranges are proposed for the flares. Certain gases may be substituted depending on availability at the time of testing.

| | <u>Expected</u> | |
|---------------------|-----------------|----------------------|
| THC/CH ₄ | 0-20ppm | Range 0-100 or 0-300 |
| NO _x | 10-30 ppm | Range 0-50 or 0-100 |
| O ₂ | 12-14% | Range 0-25 |
| CO | 0-300ppm | Range 0-500 |

All calibration gases are EPA Protocol #1 rated or are traceable to the National Institute of Standards and Technology. Calibration gas certificates will be included in the final test report. The analyzer data recording system consists of a Computer Data Acquisition System (DAS).

EPA Method 18 is used to determine speciated hydrocarbons (C₁, C₂ & C₃+) emissions by gas chromatograph / Flame Ionization Detection (GC/FID). Gaseous emissions are drawn through a Teflon sample line to a tedlar bag located in a rigid leak proof bag container. Sample is drawn into the bag by evacuating the container to stack gas pressure to allow sample flow without using a pump to avoid contamination. Negative pressure is adjusted to maintain an integrated sample flow between 20 to 60 minutes. The bag samples are taken to a laboratory and analyzed within 72 hours. The results are reported as methane with a detection limit of 0.5 ppm for non-methane non-ethane organic compounds (C₃+).

EPA Method TO-15 analysis is used to determine emissions of Organic and compounds. Inlet gases are filled into tedlar bags corresponding to the test program. The bags are labeled respectively then sent to a laboratory and analyzed for speciated compounds by GC/MS (gas chromatography/mass spectrometer) within 72 hours. For more information on the lab analysis, refer to Appendix B for method description and QA/QC.

EPA Method 25C is used to determine the emissions of VOC and can also be used to identify and quantify fixed gases (O₂, CO₂, N₂ & CH₄) in conjunction with EPA Method 3C. Gaseous emissions are drawn through Teflon sample line to a tedlar bag. Positive pressure is adjusted to maintain an integrated sample flow between 30 to 60 minutes. The bag samples are taken to a laboratory and analyzed for Volatile Organic Compound (VOC) referenced to methane and fixed gases using GC/FID (gas chromatography/flame ionization detector-total combustion analysis and thermal conductivity detector (TCD) within 72 hours.

ASTM D-6228 analysis is used to determine emissions of total reduced sulfurs (TRS). Inlet gases are filled into tedlar bags corresponding to the test program. The bags are labeled respectively then sent to a laboratory and analyzed by GC/FPD (gas chromatography/Flame Photometric Detector) within 24 hours. For more information on the lab analysis, refer to Appendix B for method description and QA/QC.

EPA Method 19 is used to determine stack gas volumetric flow rates using oxygen based F-factors. F-factors are ratios of combustion gas volumes generated from heat input. The heating value of the fuel in BTU per cubic foot is determined from lab analysis of the fuel gas samples using ASTM D-1945/3588 gas chromatography analytical procedures. Total fuel consumption for the flare is monitored on the systems control panel. During each test run gas readings and samples were taken and used for determining the stack flow rate. The total cubic feet per hour of fuel multiplied times the BTU/cf provides million BTU per hour (MMBtu/hr) 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 stack emission rates.

EPA Method ASTM D-1945 & D-3588 analysis is used to determine the composition of fuel gas (e.g. Methane, fixed gases & BTU Content). Inlet gases are filled into a tedlar bag, the bag is labeled respectively then sent to a laboratory and analyzed for fixed gases, methane and C1-C6 using GC/FID (gas chromatography/flame ionization detector). Each compound has calorific values that are used to calculate higher heating values (HHV) used in EPA Method 19.

5.0 Project organization/key personnel:

The table below lists the positions and responsibilities of the personnel potentially assigned to this project.

Project Organization

| Name | Position | Responsibilities |
|---|------------------------|--|
| Bill Johnston | Project Manager | Project Overview, Collection of all field data and operational data, Data reduction and Report Writing |
| Burton Kusich | Source Test Technician | Sample collection, Chain of Custody |
| John Yokoyama AAC Lab. Bobby Asfour BE | Lab Supervisor | Receipt of Samples, Sample analysis, Lab report production |

The Project Manager is the primary person responsible for the outcome of this project. He leads the sampling team in the field, interacts with the client during testing and is responsible for gathering all data necessary for completing the report. Upon the completion of the fieldwork, he completes any Chain of Custody documentation and submits samples to the laboratory for analysis. He then reduces the data and prepares the report.

The Source Test Technicians are responsible for performing the actual field emissions tests. They are responsible for performing the emissions tests as per the approved test methods.

The Laboratory Supervisor is responsible for receipt, analysis and disposition of samples. He is also responsible for all laboratory method specific QA/QC procedures.

BE is an approved independent contractor for the California Air Resources Board (CARB), which is a national leader in the development and implementation of progressive emissions monitoring and documentation programs. BE is also affiliated with the Air and Waste Management Association (AWMA), Professional Environmental Marketing Association (PEMA), Source Evaluation Society (SES) and Air Pollution Training Institute (APTI).

6.0 QA & QC Procedures:

QA/QC Program All quality assurance and quality control procedures will be followed as prescribed in the appropriate methods and technical guidance manuals.

Adherence to QA/QC procedures during field test preparation and field sampling will be the responsibility of the QA/QC Officer and/or Project Manager. This test program would include all QA/QC procedures specified in the test methods (equipment calibration, field data recording, contamination control and record keeping). Analytical QA/QC protocol will be the responsibility of the Analytical Liaison, and the laboratory manager and QA/QC coordinator assigned to this program by the laboratory we have subcontracted. Any deviations from stated protocols not mentioned herein would be discussed with the appropriate individuals prior to implementation.

Chain of Custody: A sample is considered to be under a person's custody if (1) if in a person's physical possession, (2) in view of the person after he has taken possession, (3) secured by that person such that no one can tamper with the sample, or (4) secured by that person in an area which is restricted to authorized personnel. The following steps are taken to ensure sample identification and integrity:

- 1) Sample labels (identity, #, date, time)
- 2) C.O.C. seals (with sample #)
- 3) Field sample log book and field notes
- 4) C.O.C. record and analysis request sheet
- 5) Shipping papers (Courier, Fed. Ex.)
- 6) Receiving/Log-in (signed receipt of samples and their condition)

Once the sample has been received in the laboratory and the status of the sample integrity has been determined, the lab QA/QC supervisor is responsible for care and custody. The lab should be prepared to testify to the possession and security of the sample until analysis is complete.

In addition to the QA/QC procedures mentioned, BE uses EPA Protocol or 1% NIST Traceable calibration gases.

7.0 Source Test Report:

Data reduction/reporting procedures: All data reduction is performed using Excel spreadsheet programs developed by BE. The report will be written by a senior project manager and will be reviewed by his peers. All supporting documentation, field data sheets, lab reports, lab and field QA/QC reports, emission calculations, etc., will be included in the final report. Calculations are contained in the referenced methods and in the APCD/AQMD source Test Procedure Guidelines where applicable. The expected date for a final report is approximately two weeks after the analytical work is completed.

The final report meeting the requirements of the BAAQMD will be submitted to City of Mountain View within four weeks of the completion of the test program.

Tabular results summary will be presented showing the following:

- NOx, ppmvd, ppmvd @ 15% O₂, lbs/hr, lbs/MMBtu
- CO, ppmvd, ppmvd @ 15% O₂, lbs/hr, lbs/MMBtu
- VOC, ppmvd, ppmvd @ 3% O₂, lbs/hr, lbs/MMBtu, DRE
- THC & CH₄, ppmvd, lbs/hr, lbs/MMBtu, DRE
- Fuel Total Sulfur ppmv
- LFG Flow Rate, scfh & MMBtu/hr
- Load, KW & MMBtu/hr
- Stack Flow Rate, DSCFM

All ancillary information will be included with the report; process information, field data sheets, strip charts, calculations, equipment calibrations, chain of custody information, laboratory analytical results.

Submitted by,



Bobby Asfour
Principal/QSTI

cc: Ankit Sharma, City of Mountain View

Bobby Asfour

From: Gloria Espena <GEspena@baaqmd.gov>
Sent: Thursday, January 13, 2022 12:01 PM
To: Bobby Asfour; Marco Hernandez
Cc: Sharma, Ankit; Tseng, Tina; Munoz, Rene; Velasco, Danny S.
Subject: RE: NST-7134(A6) 7135(A7) 7136(A8) 7137(S16) 7138(S17): NST-6307: NST Request-City of Mountain View

Thank you for the update, Bobby.

Gloria

From: Bobby Asfour <bobby@best-enviro.com>
Sent: Thursday, January 13, 2022 10:48 AM
To: Gloria Espena <GEspena@baaqmd.gov>; Marco Hernandez <MHernandez@baaqmd.gov>
Cc: Sharma, Ankit <Ankit.Sharma@mountainview.gov>; Tseng, Tina <Tina.Tseng@mountainview.gov>; Munoz, Rene <rene.munoz@mountainview.gov>; Velasco, Danny S. <Danny.Velasco@mountainview.gov>
Subject: RE: NST-7134(A6) 7135(A7) 7136(A8) 7137(S16) 7138(S17): NST-6307: NST Request-City of Mountain View

Hi Gloria,

Due to short staffing, the facility is requesting to reschedule testing on February 1 & 2, 2022 pending district approval.

Let me know if you have any questions.

Thanks,

Bobby Asfour (Bobby)

Best Environmental
339 Stealth Court
Livermore, CA 94551
925/455-9474 x103 ph
510/719-0769 cell
bobby@best-enviro.com
www.best-enviro.com

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From: Gloria Espena <GEspena@baaqmd.gov>
Sent: Thursday, January 06, 2022 5:00 PM
To: Bobby Asfour <bobby@best-enviro.com>; Marco Hernandez <MHernandez@baaqmd.gov>
Cc: Sharma, Ankit <Ankit.Sharma@mountainview.gov>; Tseng, Tina <Tina.Tseng@mountainview.gov>; Munoz, Rene <rene.munoz@mountainview.gov>; Velasco, Danny S. <Danny.Velasco@mountainview.gov>
Subject: NST-7134(A6) 7135(A7) 7136(A8) 7137(S16) 7138(S17): NST-6307: NST Request-City of Mountain View

NST-7134(A6) 7135(A7) 7136(A8) 7137(S16) 7138(S17) has been assigned the pending 1/25-26/22 work referenced below.

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

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

If you have other questions, please contact Marco Hernandez at mhernandez@baaqmd.gov.

Thank you,

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



From: Bobby Asfour <bobby@best-enviro.com>
Sent: Thursday, January 6, 2022 1:32 PM
To: Gloria Espena <GEspena@baaqmd.gov>; Bobby Asfour <bobby@best-enviro.com>; Marco Hernandez <MHernandez@baaqmd.gov>
Cc: Sharma, Ankit <Ankit.Sharma@mountainview.gov>; Tseng, Tina <Tina.Tseng@mountainview.gov>; Munoz, Rene <rene.munoz@mountainview.gov>; Velasco, Danny S. <Danny.Velasco@mountainview.gov>
Subject: RE: NST-6307: NST Request-City of Mountain View

Hi Gloria,

Please see the attached Protocol/Notification for performing a source test at the above referenced facility. Let me know if you have any questions.

Thanks,
Bobby Asfour (Bobby)
Best Environmental
339 Stealth Court

Livermore, CA 94551
925/455-9474 x103 ph
510/719-0769 cell
bobby@best-enviro.com
www.best-enviro.com

Please note our new email address



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From: Gloria Espena <GEspena@baaqmd.gov>
Sent: Wednesday, January 27, 2021 10:17 AM
To: Bobby Asfour <bobby@best-enviro.com>; Marco Hernandez <MHernandez@baaqmd.gov>
Cc: Sharma, Ankit <Ankit.Sharma@mountainview.gov>; Sajjan, Nirmal <nirmal.sajjan@mountainview.gov>
Subject: NST-6307: NST Request-City of Mountain View

NST-6307 has been assigned the pending 2/8-9/21 work referenced below.

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

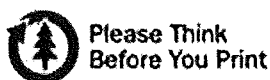
NST number(s) that are assigned for each source test notifications are for inner-office tracking purposes only, not an approval of the test plan. (For source testing methodologies please review permit conditions, BAAQMD Regulations and CFR, accordingly). Future notifications and report submittals should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

If you have other questions, please contact Marco Hernandez at mhernandez@baaqmd.gov.

Thank you,

Gloria M. Espena

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



From: Bobby Asfour <bobby@best-enviro.com>
Sent: Friday, January 22, 2021 6:03 PM
To: Gloria Espena <GEspena@baaqmd.gov>; Marco Hernandez <MHernandez@baaqmd.gov>
Cc: Sharma, Ankit <Ankit.Sharma@mountainview.gov>; Sajjan, Nirmal <nirmal.sajjan@mountainview.gov>
Subject: NST Request-City of Mountain View

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

Hi Gloria,

Please accept the attached Notification/Protocol for performing a source test at the above referenced facility. Let me know if you have any questions.

Thanks,
Bobby Asfour (Bobby)
Best Environmental
339 Stealth Court
Livermore, CA 94551
925/455-9474 x103 ph
510/719-0769 cell
bobby@best-enviro.com
www.best-enviro.com

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APPENDIX I
PERMIT TO OPERATE



This document does not permit the holder to violate any BAAQMD regulation or any other law.

PERMIT EXPIRATION DATE

MAY 1, 2022

Plant# 2740

Lisa Au, Assistant Public Works Director
City of Mountain View (Shoreline Landfill)
231 N Whisman Road
Mountain View, CA 94039

ORIGINAL SENT TO:

City of Mountain View (Shoreline Landfill)
2600 Shoreline Boulevard
Mountain View, CA 94043

Location: 2600 Shoreline Boulevard
Mountain View, CA 94043

| S# | DESCRIPTION | [Schedule] | PAID |
|----|---|------------|------|
| 1 | CHEM> Landfill with gas collection system, Multi-material Closed Landfill and Multiple Landfill Gas Collection Systems Abated by: A6 Flare A7 Flare A8 Flare Emissions at: P6 Stack P7 Stack P8 Stack | [K] | 3193 |
| 11 | Standby Diesel engine, 207 hp, EPA# XCEXL0505ABA, Cummins Diesel Engine: Emergency Standby Emissions at: P15 Stack | [B] | 256 |
| 14 | Standby Diesel engine, 469 hp, EPA# 3VPXL.12.ABC, Kohler Diesel Engine for Emergency Standby Generator Emissions at: P14 Stack | [B] | 282 |
| 16 | Turbine, Electrical Generation, 87 hp, Landfill gas Microturbine Emissions at: P16 Stack | [B] | 256 |
| 17 | Turbine, Electrical Generation, 87 hp, Landfill gas Microturbine Emissions at: P17 Stack | [B] | 256 |



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| S# | DESCRIPTION | [Schedule] | PAID |
|----|---|------------|------|
| A8 | Industrial Flare - Other (not refinery), 24MM BTU/hr max Landfill Gas Flare - 800 scfm capacity Emissions at: P8 Stack | [exempt] | 0 |
| A7 | Industrial Flare - Other (not refinery), 16000K BTU/hr max Landfill Gas Flare, 530 scfm capacity Emissions at: P7 Stack | [exempt] | 0 |
| A6 | Industrial Flare - Other (not refinery), 8192K BTU/hr max Landfill Gas Flare, 270 scfm capacity Emissions at: P6 Stack | [exempt] | 0 |

5 Permitted Sources, 3 Exempt Sources

*** See attached Permit Conditions ***



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*** PERMIT CONDITIONS ***

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| Source# | Subject to Condition Numbers |
|---------|------------------------------|
| ----- | ----- |
| 1 | 16065 |
| 11 | 24175 |
| 14 | 24175 |
| 16 | 24989 |
| 17 | 24989 |
| A8 | 16065 |
| A7 | 16065 |
| A6 | 16065 |

The operating parameters described above are based on information supplied by permit holder and may differ from the limits set forth in the attached conditions of the Permit to Operate. The limits of operation in the permit conditions are not to be exceeded. Exceeding these limits is considered a violation of District regulations subject to enforcement action.



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COND# 16065 applies to S#'s 1, A8, A7, A6

For:

S-1 Landfill and Gas Collection System;
A-6 Landfill Gas Flare,
A-7 Landfill Gas Flare,
and A-8 Landfill Gas Flare.

1. The S-1 Landfill is closed. The owner/operator shall apply for and receive a Change of Permit Conditions before accepting any solid waste for disposal at S-1. The total cumulative amount of all wastes placed in the landfill areas controlled by the owner/operator shall not exceed 12,725,000 tons. The maximum design capacity of the landfill (total volume of all wastes and cover materials placed in the landfill area controlled by the owner/operator of S-1, excluding final cover) shall not exceed 18,852,000 cubic yards.
(Basis: Regulation 2-1-301)
2. The owner/operator shall ensure that all landfill gas collected by the Landfill Gas Collection Systems for S-1 and at the Shoreline Amphitheatre (Plant #2561) shall be: abated by the Landfill Gas Flares (A-6, A-7, or A-8); burned in the Microturbines (S-16 or S-17); or sold for off site combustion at the following device: Facility #15982 Google, Sources S-29, IC Engine. The owner/operator may use any combination of the landfill gas control devices listed above, provided that sufficient landfill gas is collected and controlled to prevent violations of the Regulation 8-34-303 surface leak limit and provided that all of the following operating requirements are satisfied. (Basis: Regulation 8-34-301)
 - a. Operation of the microturbines (S-16 and S-17) is optional and is not required for landfill gas abatement. When the microturbines are burning landfill gas, other approved control devices (such as one flare or one engine) must be operated concurrently with the microturbines to achieve the necessary control system capacity for the landfill.
 - b. Raw or untreated landfill gas shall not be vented to the atmosphere, except for unavoidable landfill gas emissions that occur during collection system



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installation, maintenance, or repair (which is performed in compliance with Regulation 8, Rule 34, Sections 113, 117, and/or 118) and inadvertent component or surface leaks that do not exceed the limits specified in 8-34-301.2 or 8-34-303.

- 3. The landfill gas collection system described below in Part 4a shall be operated continuously, as defined in Regulation 8-34-219. Wells and adjustment valves shall not be disconnected, removed, or completely closed, without prior written authorization from the District, unless the owner/operator complies with all applicable provisions of Regulation 8, Rule 34, Sections 113, 117, and 118.

The owner/operator also maintains horizontal landfill gas migration control wells that are installed above the cap in the 544 acre site. If landfill gas migration occurs, such that methane exceedences as defined in the California Code of Regulations Title 27 are detected, the owner/operator may operate these horizontal landfill gas migration surface collectors intermittently as necessary to mitigate any methane detected at the surface probe(s). The well identification numbers for the 9 intermittently operating horizontal surface migration control wells are as follows: HC-01, HC-02, HC-03, HC-04, HC-05, HC-06, HC-07, HC-08, and HC-09. (Basis: Regulation 8-34-301.1)

- 4. The owner/operator shall apply for and receive a Change of Conditions before altering the landfill gas collection system described in Part 4a below. Increasing or decreasing the number of wells or collectors are considered to be alterations that are subject to this requirement. Redrilling or replacement of an existing well does not require a Change of Conditions provided the replacement well is close to the location of the existing well. Adding or modifying risers, laterals, or header pipes are not subject to this Change of Condition requirement. (Basis: Regulations 2-1-301, 8-34-301.1, 8-34-303, 8-34-304, and 8-34-305)
 - a. The owner/operator has been issued a Permit to Operate for the landfill gas collection system



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components listed below, which includes all notifications of gas collection system alterations submitted through September 12, 2012. Well and collector locations, depths, and lengths are as described in detail in Permit Applications #1009, #24840 and #30482.

| Area Description | Required Components |
|-------------------|--|
| 544 Acre Site140 | vertical wells |
| 544 Acre Site 6 | horizontal collectors |
| Vista Site88 | vertical wells |
| Vista Site1 | horizontal collector |
| Vista Shoreline | Tie-in to Shoreline Amphitheatre gas collection system |
| Crittenden Site36 | vertical wells |

- b. The owner/operator is authorized to make the landfill gas collection system component alterations listed below.

Install New Vertical Gas Collection Wells:

The owner/operator shall maintain records of the decommission date for each well that is shut down and the initial operation date for each new well. Wells installed or shut down pursuant to Subpart 4b shall be added to or removed from the baseline count in Subpart 4a during the annual permit review process. During the permit renewal period, the owner/operator shall provide the District with the latest well count statistics in order to update this part of Condition 16065.

- i. The owner/operator shall apply for and receive a Change of Conditions before altering the landfill gas collection components described in Subpart 4a. Installing, altering, or permanently decommissioning a vertical well, horizontal collector, or other gas collection component is subject to this requirement, unless this change constitutes a replacement as defined in Subpart 4b(ii) below.
- ii. Replacement of landfill gas collection system components with identical or functionally equivalent components will not be deemed an alteration and will not be subject to Subpart 4b(i) under the following



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circumstances: If a well or collector will be shut down and replaced by a new well or collector close to the existing location of the old component and this decommission/installation will be accomplished in accordance with Regulations 8-34-117 and 8-34-118, then this activity shall be considered a component replacement that is not subject to an Authority to Construct requirement. For each individual well or collector replacement, this subpart authorizes a maximum vacuum disconnection time of five consecutive days for compliance with 8-34-117.5. The disconnected component and the new component shall not be counted toward the Subpart 4a limits; the numbers of replacement wells and replacement collectors are not limited. Alterations, repairs, or replacements of non-perforated piping sections (such as risers, laterals, or header pipes), piping connectors, or valves are not subject to the Authority to Construct requirement.

- 5. The gas collection system operating requirements listed below shall replace the well head requirements identified in Regulation 8-34-305.2 through 8-34-305.4 for the specified wells and collectors. All wells and collectors remain subject to the Regulation 8-34-305.1 requirement to maintain vacuum on each well head. In addition, part 5c clarifies the applicable limits for vaults containing gas collection system components. (Basis: Regulations 8-34-301.2, 8-34-303, and 8-34-305)
 - a. The Regulation 8-34-305.2 temperature limit shall not apply to the wells listed below. The landfill gas temperature in each of the wells listed below shall not exceed 140 degrees F.

Vista Landfill: VE-6, VE-9, VF-3, VF-11, VG-3, VG-3A, VG-4, VH-4, VH-5, VH-10, VJ-3R, VJ-4R, VJ-4A (13 wells)

544-Acre Landfill: NEA-08 (1 vertical well)

- b. The Regulation 8-34-305.3 nitrogen concentration limit and the Regulation 8-34-305.4 oxygen



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concentration limit shall not apply to the wells listed below, provided that the oxygen concentration in the landfill gas at the main header does not exceed 5% O2 by volume (dry basis) and the methane concentration in the landfill gas at the main header is not less than 35% CH4 by volume (dry basis). The owner/operator shall monitor the landfill gas from the main header for oxygen and methane on a monthly basis to demonstrate compliance with this part.

Crittenden Landfill: CRA-1R, CRA-2R, CRA-3, CRA-4, CRA-5R, CRA-6, CRA-7R, CRA-8, CRA-9, CRA-10, CRA-13, CRB-1, CRB-2R, CRB-3, CRB-4R, CRB-5, CRB-6, CRB-7R, CRB-8, CRD-1, CRD-3, CRD-5, CRD-8R, CRD-9, CRD-10, and CRD-11 (26 vertical wells)

Vista Landfill: VA-HZ, VA-1, VA-1A, VA-2, VA-3R, VA-3A, VA-4, VB-1, VB-2R, VB-3A, VB-4, VB-5R, VB-5A, VB-6R, VB-7, VB-8, VC-1R, VC-2R, VC-3, VC-5, VC-6, VC-7, VC-8, VE-1R, VE-4R, VE-5, VE-6, VE-7, VE-8, VE-9, VE-10, VF-1, VF-2, VF-4, VF-5R, VF-7, VF-8R, VH-3, VJ-2R, VJ-3R, VJ-4A, VJ-4R, VJ-5R, VJ-6R, VJ-7R, VJ-8, VJ-9R, VJ-10R, VJ-11R, VK-3, VK-4, VK-5 (1 horizontal collector and 51 vertical wells)

544-Acre Landfill: WA-1R, WA-2, WA-5, WA-6, WA-8, WA-9, WA-13, WA-14, WA-15R, WA-16, WA-18, WA-19, WA-20, WA-21R, WA-22R, WA-23R, WA-24, WA-25, WA-26, WA-27, WA-28, WA-29, WB-1, WB-2, WB-3, WB-4, WB-5R, WB-5A, WB-6, WB-6A, WB-7, WB-7A, WB-8, WB-9, WB-10R, WB-11, WB-12R, WB-12AR, WB-13R, WB-14R, WB-15R, WB-16R, WB-17R, WD-3, WN-1R, WN-2, WN-3R, WN-4, WN-4A, WN-5R, WN-6, WN-7, WN-8R, WN-9R, WN-10, WN-11, WN-12R, WN-13 (58 vertical wells)

A-16, B-2, B-3, B-04R, B-20, B-24, B-28, Y-01, Y-02, Y-03, Y-04, Y-05, Y-06, LE-1, LE-2, LE-3, LE-4, FHZ-1, FHZ-2, FHZ-3, FHZ-4, FHZ-5, and MPHZ (6 horizontal collectors and 16 vertical wells)

NEA-01, NEA-02R, NEA-03, NEA-04, NEA-05R, NEA-06, NEA-07, NEA-08, NEA-09, NEA-11, NEA-13, NEA-15, NEA-16A, NEB-01, NEB-02, NEB-03, NEB-04, NEB-05, NEB-06, NEB-07, NEB-08, NEB-10, NEB-11, NEB-12, NEB-13, NEB-



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14R, NEC-01, NEC-02, NEC-03, NED-01R, NEE-02, NEE-03, NEE-04, NEE-05, NEE-06 (35 vertical wells)

- c. This subpart applies to vaults containing gas collection system equipment, where the top of the vault is located at or near the surface of the landfill. The vault shall be monitored at both 1 cm from the vault (for comparison to the component leak limit of Regulation 8-34-301.2) and 2 inches above the vault (for comparison to the surface leak limit of Regulation 8-34-303).
 - i. If during an inspection the District's monitored readings show compliance with both the component leak limit and the surface leak limit, the vault and components within shall be deemed to be in compliance with Regulations 8-34-301.2 and 8-34-303. No further testing is necessary.
 - ii. If the District's monitored readings show an excess of either the component leak limit or the surface leak limit, the operator shall comply with the Regulation 8-34-415 Repair Schedule for Landfill Surface Leak Excesses, until the source of the leak can be identified. The vault shall be opened and allowed to air out for at least 10 minutes. The collection system components within the vault shall be re-monitored at 1 cm from the components and the landfill surface surrounding the vault shall be re-monitored at 2 inches above the surface.
 - iii. If the re-monitoring (after airing the vault for 10 minutes) shows no component leaks and no surface leaks, the vault and components within shall be deemed to be in compliance with Regulations 8-34-301.2 and 8-34-303.
 - iv. If the re-monitoring shows a component leak, or the operator's further evaluation determines that the source of the emissions excess was a collection system component, then a violation of 8-34-301.2 shall be deemed to have occurred; and the operator shall take all necessary corrective action



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and shall comply with all applicable reporting requirements.

v. If the re-monitoring shows a surface leak but not a component leak, the operator shall continue to comply with all applicable provisions of the Regulation 8-34-415 Repair Schedule for Landfill Surface Leak Excesses.

6. The owner/operator of flares A-6, A-7, and A-8 shall be equipped with auto restart capability and both local and remote alarm systems.
(Basis: 8-34-301.1)

7. The combustion zone temperature of each flare (A-6, A-7, and A-8) shall be maintained at a minimum of 1577 degrees F, averaged over any three-hour period. If a source test demonstrates compliance with all applicable requirements at a different temperature, the APCO may revise the minimum combustion zone temperature limit in accordance with the procedures identified in Regulations 2-6-414 or 2-6-415 and the following criteria. The minimum combustion zone temperature for a flare shall be equal to the average combustion zone temperature measured during the most recent complying source test minus 50 degrees F, provided that the minimum combustion zone temperature shall not be less than 1400 degrees F.
(Basis: Regulations 2-5-302 and 8-34-301.3)

8. [deleted]

9. Nitrogen oxide (NOx) emissions from the flares shall not exceed the concentration limits listed below, except as provided by source test results demonstrating a NOx emission rate within the specified limit. (Basis: Cumulative Increase)

a. Flares A-6, A-7, and A-8 shall each emit no more than 15 ppmv of NOx, expressed as NO2 and corrected to 15% O2, dry basis. If source test results indicate that the outlet NOx concentration is greater than this limit, the flare will remain in compliance if the source test results indicate that the emission rate is no more than 0.06 pounds of NOx (calculated as NO2) per MM BTU.



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10. Carbon monoxide (CO) emissions from the flares shall not exceed the concentration limits listed below, except as provided by source test results demonstrating a CO emission rate within the specified limit. (Basis: Cumulative Increase and RACT)
 - a. Flares A-6, A-7, and A-8 shall each emit no more than 83 ppmv of CO, corrected to 15% O₂, dry basis. If source test results indicate that the outlet CO concentration is greater than this limit, the flare will remain in compliance if the source test results indicate that the emission rate is no more than 0.20 pounds of CO per MM BTU.
 11. [deleted]
 12. Each flare shall emit no more than 9 ppmv of SO₂, corrected to 15% O₂, dry basis. If the total reduced sulfur compound concentration in the collected landfill gas is monitored as a surrogate for monitoring sulfur dioxide in the flare exhaust, the concentration of total reduced sulfur compounds in the collected landfill gas shall not exceed 150 ppmv, expressed as H₂S, dry basis. (Basis: Cumulative Increase and Regulation 9-1-302)
 13. In order to demonstrate compliance with Parts 7, 9, 10, and 12 above and Regulations 8-34-301.3, 8-34-412, and 9-1-302 and CCR, Title 17, Section 95464(b)(2)(A)(1), the owner/operator shall ensure that a District approved source test is conducted annually on each flare (A-6, A-7, and A-8). Each annual source test shall determine the following:
 - a. landfill gas flow rate to the flare (dry basis);
 - b. concentrations (dry basis) of carbon dioxide (CO₂), nitrogen (N₂), oxygen (O₂), methane (CH₄), and total non-methane organic compounds (NMOC) in the landfill gas;
 - c. stack gas flow rate from the flare (dry basis);
 - d. concentrations (dry basis) of NO_x, CO, CH₄, NMOC, and O₂ in the flare stack gas;
 - e. the NMOC and methane destruction efficiencies achieved by the flare;
 - f. the average combustion zone temperature in the flare during the test period; and
 - g. concentration (dry basis) of SO₂ in the flare stack



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gas, unless the owner/operator is meeting the requirements of Part 12 and tests for all sulfur compounds listed in EPA's AP-42 Table 2.4-1 pursuant to Part 14.

Each annual source test shall be conducted no later than 12 months after the previous annual source test. The Source Test Section of the District shall be contacted to obtain approval of the source test procedures at least 14 days in advance of each source test. The Source Test Section shall be notified of the scheduled test date at least 7 days in advance of each source test. The source test report shall be submitted to the Compliance and Enforcement Division and the Source Test Section within 45 days of the test date. (Basis: Cumulative Increase, Regulations 2-5-302, 8-34-301.3, 8-34-412, and 9-1-302, and CCR, Title 17, Section 95464(b)(2)(A)(1).)

14. The owner/operator shall conduct a characterization of the landfill gas concurrent with the annual source test required by Part 13 above. The landfill gas sample shall be drawn from the main landfill gas header. In addition to the compounds listed in Part 13b, the landfill gas shall be analyzed for all the organic compounds listed in the most recent version of EPA's AP-42 Table 2.4-1. Sulfur compound testing is not required, if the owner/operator is satisfying Part 13g by conducting annual SO2 testing at the flare exhaust. All concentrations shall be reported on a dry basis. The test report shall be submitted to the Compliance and Enforcement Division within 45 days of the test date. After conducting three annual landfill gas characterization tests, the owner/operator may request to remove specific compounds from the list of compounds to be tested, if the compounds have not been detected, have no significant impact on the cancer risk determination for the site, and have no significant impact on the hazard index determination for the site. (Basis: AB-2588 Air Toxics Hot Spots Act and Regulations 2-5-302, 8-34-412 and 9-1-302.)

15. In order to demonstrate compliance with the above conditions, the owner/operator shall maintain the following records. All records shall be maintained on site in an APCO approved logbook or shall be made readily available to District staff upon request for a



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period of at least 5 years from the date of entry. These recordkeeping requirements do not replace the record keeping requirements contained in any applicable rules or regulations. (Basis: Cumulative Increase and Regulations 2-1-301, 2-6-501, 8-34-301, 8-34-303, 8-34-305, 8-34-412, 8-34-414, 8-34-415, 8-34-501, 8-34-503, 8-34-505, 8-34-506, and 9-1-302.

- a. Maintain an accurate map of the landfill that indicates the locations of all refuse boundaries and the locations of all wells and collectors (using unique identifiers) that are required to be operating continuously pursuant to Part 4a;
- b. Record the initial startup date for any new wells or collectors;
- c. Maintain records of all test dates and test results performed to maintain compliance with Parts 12-14 above, Regulations 8-34-301, 8-34-303, 8-34-305, 8-34-412, 8-34-414, and 8-34-415, or any other applicable rule or regulation.

16. The annual report required by BAAQMD Regulation 8-34-411 shall be submitted in two semi-annual increments. The reporting period for the first increment of the Regulation 8-34-411 annual report that is submitted subsequent to the issuance of the MFR Permit for this site shall be from December 1, 2002 through December 31, 2003. This first increment report shall be submitted by January 31, 2004. The reporting periods and report submittal due dates for all subsequent increments of the Regulation 8-34-411 report shall be synchronized with the reporting periods and report submittal due dates for the semi-annual MFR Permit monitoring reports that are required by Section I.F. of the MFR Permit for this site. (Basis: Regulation 8-34-411 and 40 CFR Part 63.1980 (a))

COND# 24175 applies to S#'s 11, 14

For: S-11 Diesel Engine for Emergency Standby Generator and S-14 Diesel Engine for Emergency Standby Generator

- 1. *The owner/operator shall not exceed 30 hours per year for reliability-related testing at the S-11 Diesel



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Engine. (Basis: CCR Title 17, Section 93115.6(b)(3)(A)(1)(b))

- 2. .
 - a. Until January 1, 2012, the owner/operator shall not exceed 100 hours per year for reliability related testing at the S-14 Diesel Engine. (Basis: Cumulative Increase, Offsets, Toxic Risk Management Policy, Regulation 9-8-330.2, and CCR Title 17, Section 93115.3(d))
 - b. *Effective January 1, 2012, the owner/operator shall not exceed 50 hours per year for reliability related testing at the S-14 Diesel Engine. (Basis: Regulation 9-8-330.3)
- 3. *The owner/operator shall operate each emergency standby engine only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, State, or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing). Operating while mitigating emergency conditions or while emission testing to show compliance with District, State or Federal emission limits is not limited. (Basis: CCR Title 17, Section 93115.6(b)(1 and 3) and Regulation 9-8-330)
- 4. *The owner/operator shall operate each emergency standby engine only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated and properly maintained. (Basis: CCR Title 17, Section 93115.10(e)(1) and Regulation 9-8-530)
- 5. Records: The owner/operator shall maintain the following monthly records in a District-approved log for at least 60 months from the date of entry. Log entries shall be retained on-site, either at a central location or at the date of entry. Log entries shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the District staff upon request. (Basis: CCR Title 17, Section 93115.10(e and g) and Regulation 2-6-501, 9-1-304, and 9-8-530)



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- a. Hours of operation for reliability related activities (maintenance and testing).
- b. Hours of operation for emission testing to show compliance with emission limits.
- c. Hours of operation for emergencies.
- d. For each emergency, the nature of the emergency condition.
- e. Fuel usage for the engine.
- f. Records of the vendor certified sulfur content for fuel burned in this engine.

COND# 24989 applies to S#'s 16, 17

For: S-16 Microturbine and S-17 Microturbine

1. The Permit Holder shall ensure that each microturbine does not exceed the emission levels listed below:
 - a. NOx = 0.5 lb/MW-hr
 - b. VOC = 1.0 lb/MW-hr
 - c. CO = 6.0 lb/MW-hr
 . (basis for a through c: CARB Certification, H&SC Title 17, Section 94203c)
 - d. NMOC less than 120 ppm by volume on a dry basis, expressed as methane and corrected to 3% oxygen or the amount of NMOC in the collected gases is reduced by at least 98% by weight (Basis: Regulation 8-34-301.4)
2. To demonstrate compliance with Part 1 above and Regulation 8, Rule 34, Sections 301.4, 412, and 509, the Permit Holder shall conduct an initial compliance demonstration test within 60 days of start-up of each microturbine and annual compliance demonstration tests on S-16 and S-17 Microturbines.

The Source Test Section of the District shall be contacted to obtain approval of the source test procedures at least 14 days in advance of each source test. The Source Test Section shall be notified of the scheduled test date at least 7 days in advance of each source test. The source test report shall be submitted to the Source Test Section within 45 days of the test date. The source tests shall determine the following:

- a. landfill gas flow rate (dry basis) and heat input rate to the microturbine;



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- b. concentrations (dry basis) of carbon dioxide (CO2), nitrogen (N2), oxygen (O2), and methane (CH4) in the landfill gas;
 - c. stack gas flow rate from the microturbine (dry basis); and
 - d. concentrations (dry basis) of CH4, NMOC, and O2 in the stack gas.
- .(Basis: Cumulative Increase, Offsets, and Regulations 8-34-301.4, 8-34-412, and 8-34-509)
3. The Permit Holder shall maintain records of all test dates and test results for any tests that are conducted to demonstrate compliance with these conditions or any other applicable rule or regulation. All records shall be maintained on site in an APCO approved logbook or shall be made readily available to District staff upon request for a period of at least 5 years from the date of entry. These record keeping requirements do not replace the record keeping requirements contained in any applicable rules or regulations. (Basis: Cumulative Increase, Offsets, and Regulations 2-6-501, 8-34-301.4, 8-34-412, 8-34-501.11, 8-34-501.12, and 8-34-509)

~~~~~ END OF CONDITIONS ~~~~~

| S#          | Source Description                         | Annual Average lbs/day |      |      |      |     |
|-------------|--------------------------------------------|------------------------|------|------|------|-----|
|             |                                            | PART                   | ORG  | NOx  | SO2  | CO  |
| 1           | Closed Landfill and Multiple Landfill Gas  | -                      | 42.9 | .3   | -    | -   |
| 11          | Diesel Engine: Emergency Standby           | -                      | -    | 0    | -    | -   |
| 14          | Diesel Engine for Emergency Standby Genera | -                      | -    | 0    | -    | 0   |
| 16          | Microturbine                               | .13                    | .2   | .1   | .13  | 1   |
| 17          | Microturbine                               | .09                    | .2   | .1   | .09  | 1   |
| A8          | Landfill Gas Flare - 800 scfm capacity     | 1.84                   | 1.6  | 18.4 | 2.12 | 61  |
| A7          | Landfill Gas Flare, 530 scfm capacity      | .59                    | .5   | 5.9  | .32  | 20  |
| A6          | Landfill Gas Flare, 270 scfm capacity      | .56                    | .5   | 5.6  | .3   | 19  |
| T O T A L S |                                            | 3.21                   | 46   | 30.5 | 2.97 | 101 |

\*\* PLANT TOTALS FOR EACH EMITTED TOXIC POLLUTANT \*\*

| Pollutant Name            | Emissions lbs/day |
|---------------------------|-------------------|
| Benzene                   | .04               |
| Ethylene dichloride       | .18               |
| Hexane                    | .30               |
| Isopropyl alcohol         | .17               |
| Methyl ethyl ketone (MEK) | .42               |
| Perchloroethylene         | .06               |
| Toluene                   | .75               |
| Trichloroethylene         | .04               |
| Xylene                    | 1.08              |
| Ethylbenzene              | .46               |
| Vinylidene chloride       | .09               |
| Chloroform                | .02               |
| Methylene chloride        | .07               |
| Ethyl chloride            | .36               |
| Vinyl chloride            | .07               |
| Chlorobenzene             | .04               |
| Dichlorobenzene           | .07               |
| 1,1,1-Trichloroethane     | .29               |
| Hydrogen Sulfide (H2S)    | .79               |

**APPENDIX J**  
**FUEL FLOWMETER CALIBRATIONS**



**Rosemount Service**  
 8200 Market Blvd.  
 Chanhassen, MN 55317  
 T: 800-654-7768  
 F: 952-906-8844

Revised: 6/6/2017

**Main Menu / Calibration Data Sheet**

**Contact Information**

|                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purchase Order:</b><br><b>Customer Name:</b> Telstar Instruments<br><b>Location/Project:</b> Mountain View/18 1 SMI Utility<br><b>Address 1:</b> 231 Whisman Road<br><b>Address 2:</b> Mountain View Ca 94043<br><b>Customer Contact:</b> Tyrone Brown<br><b>Phone:</b> 510-693-8043<br><b>Email:</b> tbrown@telstarinc.com | <b>Service Request:</b><br><b>Quote#:</b><br><b>Sales Representative:</b><br><b>Phone:</b><br><b>Email:</b><br><b>Service Representative:</b> David James<br><b>Phone:</b> 209-597-0378<br><b>Email:</b> David.James@Emerson.com |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |
|------------------|
| # of Sheets<br>0 |
|------------------|

**Note:**

For full functionality these sheets should be run in Excel 2010 or higher  
 There could be some loss of functionality in lower versions.

*David James*

David James  
 Rosemount Service Technician  
 Phone: 209-597-0378

January 29, 2021  
 Date





Rosemount Service  
8200 Market Blvd.  
Chanhassen, MN 55317  
T: 800-854-7788  
F: 952-908-8844

January 29, 2021

**CALIBRATION DATA SHEET**

Consistent with ISO 10474 2.1 or EN 10204 2.1

**Contact Information**

|                                                 |                                     |
|-------------------------------------------------|-------------------------------------|
| Purchase Order: 0                               | Service Request: 0                  |
| Customer Name: Tekstar Instruments              | Quote#: 0                           |
| Location/Project: Mountain View/16 1 SM Utility | Sales Representative: 0             |
| Address 1: 231 Whitman Road                     | Phone:                              |
| Address 2: Mountain View Ca 94043               | Email:                              |
| Customer Contact: Tyrone Brown                  | Service Representative: David James |
| Phone: 410-693-3043                             | Phone: 209-597-0378                 |
| Email: brown@tekstar.com                        | Email: David.James@Emerson.com      |

**Device Information**

Device Type: Multivariable  
Device Tag: FL-108A  
Model: 3061SMV6M11A3R2E11A1AC12B4C2E5M6Q4  
Serial #: 446400

**Calibration Range Data**

|                              |        |    |     |       |
|------------------------------|--------|----|-----|-------|
| Static Pressure Range:       | 14.628 | To | 30  | PSI   |
| Differential Pressure Range: | 0      | To | 12  | InH2O |
| Temperature Range:           | 0      | To | 150 | F     |
| Analog Output Range:         | 4      | To | 20  | mA    |

**Test Equipment Used**

| Asset #  | Description                              | Calibration Due |
|----------|------------------------------------------|-----------------|
| ES-01347 | Fluke 764 Documenting Process Calibrator | 19-May-21       |
| PS-01483 | Fluke 750PD5 Pressure Module             | 19-May-21       |
| PS-01162 | Fluke 700PA6 Pressure Module             | 19-May-21       |
| 0        | 0                                        | 0-Jan-00        |

**As Found Calibration Data**

| Target % Of Span | Static Pressure        |             |                                  |                         | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|-------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range in PSI | Applied PSI | Indicated Static Pressure in PSI | Pass Fail +/- 0.052 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.012 InH2O |
| 0.00             | 14.63                  | 14.628      | 14.500                           | Fail                    | 0.00                  | 0.000         | -0.003                                | Pass                      |
| 25.00            | 18.47                  | 18.471      | 18.500                           | Pass                    | 3.00                  | 3.000         | 3.000                                 | Pass                      |
| 50.00            | 22.31                  | 22.314      | 22.400                           | Fail                    | 6.00                  | 6.000         | 6.000                                 | Pass                      |
| 75.00            | 26.16                  | 26.157      | 26.300                           | Fail                    | 9.00                  | 9.000         | 9.000                                 | Pass                      |
| 100.00           | 30.00                  | 30.000      | 30.100                           | Fail                    | 12.00                 | 12.000        | 11.999                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                            | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|----------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 0.6666 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | 0.070                        | Pass                       | 4.0000             | 4.0000       | 4.0010              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 37.690                       | Pass                       | 8.0000             | 8.0000       | 8.0010              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 75.130                       | Pass                       | 12.0000            | 12.0000      | 12.0010             | Pass                   |
| 75.00            | 112.50                | 112.50        | 112.630                      | Pass                       | 16.0000            | 16.0000      | 16.0010             | Pass                   |
| 100.00           | 150.00                | 150.00        | 150.130                      | Pass                       | 20.0000            | 20.0000      | 20.0010             | Pass                   |

**As Left Calibration Data**

| Target % Of Span | Static Pressure        |             |                                  |                         | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|-------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range in PSI | Applied PSI | Indicated Static Pressure in PSI | Pass Fail +/- 0.052 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.012 InH2O |
| 0.00             | 14.63                  | 14.628      | 14.600                           | Pass                    | 0.00                  | 0.000         | -0.003                                | Pass                      |
| 25.00            | 18.47                  | 18.471      | 18.500                           | Pass                    | 3.00                  | 3.000         | 3.000                                 | Pass                      |
| 50.00            | 22.31                  | 22.314      | 22.300                           | Pass                    | 6.00                  | 6.000         | 6.000                                 | Pass                      |
| 75.00            | 26.16                  | 26.157      | 26.200                           | Pass                    | 9.00                  | 9.000         | 9.000                                 | Pass                      |
| 100.00           | 30.00                  | 30.000      | 30.000                           | Pass                    | 12.00                 | 12.000        | 11.999                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                            | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|----------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 0.6666 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | 0.070                        | Pass                       | 4.0000             | 4.0000       | 4.0010              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 37.690                       | Pass                       | 8.0000             | 8.0000       | 8.0010              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 75.130                       | Pass                       | 12.0000            | 12.0000      | 12.0010             | Pass                   |
| 75.00            | 112.50                | 112.50        | 112.630                      | Pass                       | 16.0000            | 16.0000      | 16.0010             | Pass                   |
| 100.00           | 150.00                | 150.00        | 150.130                      | Pass                       | 20.0000            | 20.0000      | 20.0010             | Pass                   |

**Certification**

This is to validate that the listed product performs within the acceptable performance variation of the test equipment. Measuring and test equipment used in the inspection and validation of the listed product are traceable to the National Institute of Standards and Technology.

*David James*

David James  
Rosemount Service Representative  
PH: 209-597-0378

January 29, 2021

Date





Rosemount Service  
8200 Market Blvd.  
Chanhassen, MN 55317  
T: 800-854-7788  
F: 952-908-8844

January 29, 2021

**CALIBRATION DATA SHEET**  
Consistent with ISO 10474 2.1 or EN 10204 2.1

**Contact Information**

|                                                  |                                     |
|--------------------------------------------------|-------------------------------------|
| Purchase Order: 0                                | Service Request: 0                  |
| Customer Name: Telstar Instrumenta               | Quote #: 0                          |
| Location/Project: Mountain View/16 1 SMI Utility | Sales Representative: 0             |
| Address 1: 231 Whisman Road                      | Phone:                              |
| Address 2: Mountain View Ca 94043                | Email:                              |
| Customer Contact: Tyne Brown                     | Service Representative: David James |
| Phone: 610-983-8043                              | Phone: 208-597-0378                 |
| Email: tbrown@telstarinc.com                     | Email: David.James@Emerson.com      |

**Device Information**

|                                |
|--------------------------------|
| Device Type: Multivariable     |
| Device Tag: FL-180A            |
| Model: 3095MA13AA11AA110ABC2Q4 |
| Serial #: 298459               |

**Calibration Range Data**

|                              |      |    |     |       |
|------------------------------|------|----|-----|-------|
| Static Pressure Range:       | 14.7 | To | 30  | PSI   |
| Differential Pressure Range: | 0    | To | 16  | InH2O |
| Temperature Range:           | 0    | To | 150 | F     |
| Analog Output Range:         | 4    | To | 20  | mA    |

**Test Equipment Used**

| Asset #  | Description                              | Calibration Due |
|----------|------------------------------------------|-----------------|
| ES-01347 | Fluke 764 Documenting Process Calibrator | 19-May-21       |
| PS-01463 | Fluke 760PD5 Pressure Module             | 19-May-21       |
| PS-01162 | Fluke 700PA5 Pressure Module             | 19-May-21       |
| 0        | 0                                        | 0-Jan-00        |

**As Found Calibration Data**

| Target % Of Span | Static Pressure        |             |                                  |                           | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|---------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range In PSI | Applied PSI | Indicated Static Pressure In PSI | Pass Fail +/- 0.06459 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.016 InH2O |
| 0.00             | 14.70                  | 14.700      | 14.680                           | Pass                      | 0.00                  | 0.000         | -0.004                                | Pass                      |
| 25.00            | 18.53                  | 18.525      | 18.500                           | Pass                      | 4.00                  | 4.000         | 3.990                                 | Pass                      |
| 50.00            | 22.35                  | 22.360      | 22.330                           | Pass                      | 8.00                  | 8.000         | 7.990                                 | Pass                      |
| 75.00            | 26.18                  | 26.175      | 26.150                           | Pass                      | 12.00                 | 12.000        | 11.990                                | Pass                      |
| 100.00           | 30.00                  | 30.000      | 29.980                           | Pass                      | 16.00                 | 16.000        | 15.990                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                           | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|---------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 1.008 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | -0.220                       | Pass                      | 4.0000             | 4.0000       | 4.0040              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 37.240                       | Pass                      | 8.0000             | 8.0000       | 8.0040              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 74.730                       | Pass                      | 12.0000            | 12.0000      | 12.0040             | Pass                   |
| 75.00            | 112.50                | 112.50        | 112.230                      | Pass                      | 16.0000            | 16.0000      | 16.0040             | Pass                   |
| 100.00           | 150.00                | 150.00        | 149.790                      | Pass                      | 20.0000            | 20.0000      | 20.0060             | Pass                   |

**As Left Calibration Data**

| Target % Of Span | Static Pressure        |             |                                  |                           | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|---------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range In PSI | Applied PSI | Indicated Static Pressure In PSI | Pass Fail +/- 0.06459 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.016 InH2O |
| 0.00             | 14.70                  | 14.700      | 14.680                           | Pass                      | 0.00                  | 0.000         | -0.004                                | Pass                      |
| 25.00            | 18.53                  | 18.525      | 18.500                           | Pass                      | 4.00                  | 4.000         | 3.990                                 | Pass                      |
| 50.00            | 22.36                  | 22.360      | 22.330                           | Pass                      | 8.00                  | 8.000         | 7.990                                 | Pass                      |
| 75.00            | 26.18                  | 26.175      | 26.150                           | Pass                      | 12.00                 | 12.000        | 11.990                                | Pass                      |
| 100.00           | 30.00                  | 30.000      | 29.980                           | Pass                      | 16.00                 | 16.000        | 15.990                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                           | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|---------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 1.008 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | -0.220                       | Pass                      | 4.0000             | 4.0000       | 3.9990              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 37.240                       | Pass                      | 8.0000             | 8.0000       | 7.9990              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 74.730                       | Pass                      | 12.0000            | 12.0000      | 12.0000             | Pass                   |
| 75.00            | 112.50                | 112.50        | 112.230                      | Pass                      | 16.0000            | 16.0000      | 16.0000             | Pass                   |
| 100.00           | 150.00                | 150.00        | 149.790                      | Pass                      | 20.0000            | 20.0000      | 20.0010             | Pass                   |

**Certification**

This is to validate that the listed product performs within the acceptable performance variation of the test equipment. Measuring and test equipment used in the inspection and validation of the listed product are traceable to the National Institute of Standards and Technology.

*David James*

David James  
Rosemount Service Representative  
PH: 208-597-0378

January 29, 2021

Date



Rosemount Service  
8200 Market Blvd.  
Chenhausen, MN 55317  
T: 800-854-7788  
F: 952-906-8844

January 29, 2021

**CALIBRATION DATA SHEET**

Consistent with ISO 10474 2.1 or EN 10204 2.1

**Contact Information**

|                                                 |                                    |                                     |                     |
|-------------------------------------------------|------------------------------------|-------------------------------------|---------------------|
| Purchase Order: 0                               | Customer Name: Telstar Instruments | Service Request: 0                  | Quote#: 0           |
| Location/Project: Mountain View/18 1 SM Utility | Address 1: 231 Whisman Road        | Sales Representative: 0             | Phone: 0            |
| Address 2: Mountain View Co 94043               | Customer Contact: Tyrene Brown     | Service Representative: David James | Phone: 209-597-0378 |
| Phone: 510-693-8043                             | Email: tbrown@telstarinfo.com      | Email: David.James@Emerson.com      |                     |

**Device Information**

|                                 |
|---------------------------------|
| Device Type: Multivariable      |
| Device Tag: FL-10A              |
| Model: 3095MA13AAA11AA110ABC2Q4 |
| Serial #: 298498                |

**Calibration Range Data**

|                              |      |    |     |       |
|------------------------------|------|----|-----|-------|
| Static Pressure Range:       | 14.7 | To | 30  | PSI   |
| Differential Pressure Range: | 0    | To | 25  | InH2O |
| Temperature Range:           | 0    | To | 150 | F     |
| Analog Output Range:         | 4    | To | 20  | mA    |

**Test Equipment Used**

| Asset #  | Description                              | Calibration Due |
|----------|------------------------------------------|-----------------|
| ES-01347 | Fluke 764 Documenting Process Calibrator | 19-May-21       |
| PS-01463 | Fluke 750PD5 Pressure Module             | 19-May-21       |
| PS-01162 | Fluke 700PA5 Pressure Module             | 19-May-21       |
| 0        | 0                                        | 0-Jan-00        |

**As Found Calibration Data**

| Target % Of Span | Static Pressure        |             |                                  |                           | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|---------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range in PSI | Applied PSI | Indicated Static Pressure in PSI | Pass Fail +/- 0.06459 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.025 InH2O |
| 0.00             | 14.70                  | 14.700      | 14.800                           | Fail                      | 0.00                  | 0.000         | -0.007                                | Pass                      |
| 25.00            | 18.53                  | 18.525      | 18.600                           | Fail                      | 6.25                  | 6.250         | 6.240                                 | Pass                      |
| 50.00            | 22.35                  | 22.360      | 22.400                           | Pass                      | 12.50                 | 12.500        | 12.490                                | Pass                      |
| 75.00            | 26.18                  | 26.175      | 26.200                           | Pass                      | 18.75                 | 18.750        | 18.740                                | Pass                      |
| 100.00           | 30.00                  | 30.000      | 30.100                           | Fail                      | 25.00                 | 25.000        | 24.990                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                           | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|---------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 1.008 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | -0.060                       | Pass                      | 4.0000             | 4.0000       | 4.0020              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 37.220                       | Pass                      | 8.0000             | 8.0000       | 8.0020              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 74.530                       | Pass                      | 12.0000            | 12.0000      | 12.0020             | Pass                   |
| 75.00            | 112.50                | 112.50        | 111.830                      | Pass                      | 16.0000            | 16.0000      | 16.0020             | Pass                   |
| 100.00           | 150.00                | 150.00        | 149.200                      | Pass                      | 20.0000            | 20.0000      | 20.0020             | Pass                   |

**As Left Calibration Data**

| Target % Of Span | Static Pressure        |             |                                  |                           | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|---------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range in PSI | Applied PSI | Indicated Static Pressure in PSI | Pass Fail +/- 0.06459 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.025 InH2O |
| 0.00             | 14.70                  | 14.700      | 14.700                           | Pass                      | 0.00                  | 0.000         | -0.007                                | Pass                      |
| 25.00            | 18.53                  | 18.525      | 18.520                           | Pass                      | 6.25                  | 6.250         | 6.240                                 | Pass                      |
| 50.00            | 22.35                  | 22.360      | 22.360                           | Pass                      | 12.50                 | 12.500        | 12.490                                | Pass                      |
| 75.00            | 26.18                  | 26.175      | 26.170                           | Pass                      | 18.75                 | 18.750        | 18.740                                | Pass                      |
| 100.00           | 30.00                  | 30.000      | 30.000                           | Pass                      | 25.00                 | 25.000        | 24.990                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                           | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|---------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 1.008 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | -0.060                       | Pass                      | 4.0000             | 4.0000       | 4.0020              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 37.220                       | Pass                      | 8.0000             | 8.0000       | 8.0020              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 74.530                       | Pass                      | 12.0000            | 12.0000      | 12.0020             | Pass                   |
| 75.00            | 112.50                | 112.50        | 111.830                      | Pass                      | 16.0000            | 16.0000      | 16.0020             | Pass                   |
| 100.00           | 150.00                | 150.00        | 149.200                      | Pass                      | 20.0000            | 20.0000      | 20.0020             | Pass                   |

**Certification**

This is to validate that the listed product performs within the acceptable performance variation of the test equipment. Measuring and test equipment used in the inspection and validation of the listed product are traceable to the National Institute of Standards and Technology.

*David James*

David James  
Rosemount Service Representative  
PH: 209-597-0378

January 29, 2021

Date

FD24757A.txt  
CUSTOMER COPY

TAG NAME: FLOW RATE

KURZ INSTRUMENTS, INC.  
 KZCOMM VERSION: 3.11  
 KZCOMMDLL VERSION: 3.11.19038.2  
 CONFIGURATION FILENAME: FD24757A.cf  
 FIRMWARE VERSION: MFT-B VER 2.10  
 CONFIGURATION DATE: 04/17/2020 11:26  
 ELECTRONIC BOARD BAR CODE: D41256  
 ELECTRONIC BOARD ASSY: 420348  
 ELECTRONIC BOARD BUILD: 01 I1

\*\*\*\*\*FLOW CALIBRATION DATA\*\*\*\*\*

SENSOR S/N: FD24757A  
 GAS: 45CH4 55CO2  
 MOL. WT: 31.424

|           |                |              |
|-----------|----------------|--------------|
|           | FACTORY (FSTP) | USER (USTP)  |
| TEMP:     | 0.00 DEGC      | 77.00 DEGF   |
| PRESSURE: | 101.325 KPA    | 14.690 PSIA  |
| DENSITY:  | 1.4028 KG/M3   | 0.0802 LB/CF |

VELOCITY MAPPING REFERENCE: INTERNAL

DATA SET #1 VM DATA AT 20.00 DEGC

| DATA PT # | Rp POWER (W) | FACTORY FLOW RATE (SCMH @FSTP) | VELOCITY (SFPM @USTP) | USER* FLOW RATE (SCFM @USTP) | AO #1 FLOW RATE (mA) |
|-----------|--------------|--------------------------------|-----------------------|------------------------------|----------------------|
| 1         | 0.3887       | 0.0000                         | 0.0000                | 0.0000                       | 4.00                 |
| 2         | 0.4697       | 1.8192                         | 8.5671                | 0.6840                       | 4.01                 |
| 3         | 0.5036       | 2.6702                         | 12.5748               | 1.0040                       | 4.02                 |
| 4         | 0.5450       | 3.9193                         | 18.4572               | 1.4736                       | 4.02                 |
| 5         | 0.5941       | 5.7528                         | 27.0915               | 2.1630                       | 4.03                 |
| 6         | 0.6524       | 8.4440                         | 39.7649               | 3.1748                       | 4.05                 |
| 7         | 0.7218       | 12.3940                        | 58.3665               | 4.6599                       | 4.07                 |
| 8         | 0.8047       | 18.1920                        | 85.6708               | 6.8399                       | 4.11                 |
| 9         | 0.9083       | 26.7022                        | 125.748               | 10.0396                      | 4.16                 |
| 10        | 1.0356       | 39.1935                        | 184.572               | 14.7361                      | 4.24                 |
| 11        | 1.1790       | 57.5282                        | 270.915               | 21.6297                      | 4.35                 |
| 12        | 1.3383       | 84.4398                        | 397.649               | 31.7480                      | 4.51                 |
| 13        | 1.5186       | 123.940                        | 583.665               | 46.5995                      | 4.75                 |
| 14        | 1.7352       | 181.920                        | 856.708               | 68.3990                      | 5.09                 |
| 15        | 1.9718       | 267.022                        | 1257.48               | 100.396                      | 5.61                 |

DATA SET #2 VM DATA AT 130.00 DEGC

| DATA PT # | Rp POWER (W) | FACTORY FLOW RATE (SCMH @FSTP) | VELOCITY (SFPM @USTP) | USER* FLOW RATE (SCFM @USTP) | AO #1 FLOW RATE (mA) |
|-----------|--------------|--------------------------------|-----------------------|------------------------------|----------------------|
| 1         | 0.4144       | 0.0000                         | 0.0000                | 0.0000                       | 4.00                 |
| 2         | 0.5345       | 1.8192                         | 8.5671                | 0.6840                       | 4.01                 |
| 3         | 0.5714       | 2.6702                         | 12.5748               | 1.0040                       | 4.02                 |
| 4         | 0.6153       | 3.9193                         | 18.4572               | 1.4736                       | 4.02                 |
| 5         | 0.6677       | 5.7528                         | 27.0915               | 2.1630                       | 4.03                 |
| 6         | 0.7300       | 8.4440                         | 39.7649               | 3.1748                       | 4.05                 |
| 7         | 0.8047       | 12.3940                        | 58.3665               | 4.6599                       | 4.07                 |
| 8         | 0.8917       | 18.1920                        | 85.6708               | 6.8399                       | 4.11                 |
| 9         | 1.0010       | 26.7022                        | 125.748               | 10.0396                      | 4.16                 |
| 10        | 1.1344       | 39.1935                        | 184.572               | 14.7361                      | 4.24                 |
| 11        | 1.2834       | 57.5282                        | 270.915               | 21.6297                      | 4.35                 |
| 12        | 1.4472       | 84.4398                        | 397.649               | 31.7480                      | 4.51                 |

FD24757A.txt

|    |        |         |         |         |      |
|----|--------|---------|---------|---------|------|
| 13 | 1.6294 | 123.940 | 583.665 | 46.5995 | 4.75 |
| 14 | 1.8470 | 181.920 | 856.708 | 68.3990 | 5.09 |
| 15 | 2.0806 | 267.022 | 1257.48 | 100.396 | 5.61 |

$$* Vuser = vfac * FCCF * SBCF * VCF * \frac{(Tuser + Tconv)}{(Tfac + Tconv)} * \frac{Pfac}{Puser}$$

Where Vuser = Velocity at the User's Temperature (Tuser) and Pressure (Puser) defined as USTP.

Vfac = Velocity at the Factory's Temperature (Tfac) and Pressure (Pfac) defined as FSTP.

Tconv = 273.15 Kelvin or 459.67 Rankine.

DRY FLOW WATER VAPOR CORRECTION is NOT reflected in the above table.

\*\*\*\*\*FLOW METER SETUP\*\*\*\*\*

METER ID:                   FLOW RATE                   METER UNIT: SCFM  
 FLOW AREA               = 0.079839   SQ.FT  
 FIELD CALIBRATION CORRECTION FACTOR (FCCF) = 0.585  
 SENSOR BLOCKAGE CORRECTION FACTOR (SBCF):  
 PROBE SIZE:           0.500 INCH  
 PROBE DEPTH           = 0.000000   FT  
 SBCF                   = 1.000000  
 VARIABLE CORRECTION FACTOR (VCF):  
 NUMBER OF CORRECTION PTS. = 1  
 D1 = 0.0000           SCFM           C.F. #1 = 1.000000  
 R1 = 0.0000           SCFM           AT           0.0000       SCFM  
 LOW FLOW CUT-OFF STATUS: ON  
 LOW FLOW CUT-OFF AT: 0.0000       SCFM

\*\*\*\*\*DRY FLOW WATER VAPOR CORRECTION\*\*\*\*\*

CORRECTION STATUS:                   DISABLED

\*\*\*\*\*TEMPERATURE METER SETUP\*\*\*\*\*

METER ID:                   TEMPERATURE                   METER UNIT: DEGF

\*\*\*\*\*METER FILTER SETUP\*\*\*\*\*

FLOW METER TIME CONSTANT (TC):       3.000000   SECONDS  
 TEMPERATURE METER TIME CONSTANT (TC): 0.500000   SECONDS

\*\*\*\*\*ANALOG OUTPUT SETUP\*\*\*\*\*

ANALOG OUTPUT #1  
 LOW SCALE (4.00 mA) AT   0.0000       SCFM  
 HIGH SCALE (20.00 mA) AT 1000.0000 SCFM

ANALOG OUTPUT #2  
 LOW SCALE (4.00 mA) AT   0.0000       SCFM  
 HIGH SCALE (20.00 mA) AT 1000.0000 SCFM

NE-43 ALARM AT: HIGH OUTPUT

\*\*\*\*\*RELAY ASSIGNMENT SETUP\*\*\*\*\*

RELAY #1  
 RELAY ASSIGNED TO: UNASSIGNED

FD24757A.txt

RELAY #2  
RELAY ASSIGNED TO: UNASSIGNED

\*\*\*\*\*ALARM SETUP\*\*\*\*\*

ALARM OUTPUT: DISABLED

\*\*\*\*\*TOTALIZER SETUP\*\*\*\*\*

TOTALIZER RESET: MANUAL

\*\*\*\*\*TOTALIZER PULSE OUTPUT SETUP\*\*\*\*\*

PULSE OUTPUT: DISABLED

\*\*\*\*\*PURGE TIMER SETUP\*\*\*\*\*

PURGE TIMER: DISABLED

\*\*\*\*\*RUN MODE DISPLAY SETUP\*\*\*\*\*

RUN MODE DISPLAY TYPE: SCROLL  
SCROLL INTERVAL: 2 SECONDS  
DISPAYED VARIABLES:  
TAG ID  
FLOW RATE  
DAILY FLOW RATE  
TEMPERATURE  
TOTAL FLOW  
VELOCITY

\*\*\*\*\*COMMUNICATION SETUP\*\*\*\*\*

COMMUNICATION CONFIGURATION OPTIONS:  
USB COMMUNICATION PORT  
TERMINAL ECHO: ENABLED (default)  
COMMUNICATION BAUDRATE: 9600 BAUD  
DATA LOGGING: ENABLED  
DATA LOGGING STATUS: OFF  
DATA LOGGING INTERVAL: 300 SECONDS

RS-485 COMMUNICATION PORT  
MODBUS PROTOCOL: ON  
TRANSMISSION MODE: MODBUS RTU  
ADDRESS: 1  
FLOATING POINT NUMBER REGISTER ORDER: BYTE # 1 2 3 4  
COMMUNICATION BAUDRATE: 38400 BAUD

\*\*\*\*\*EXTERNAL INPUT SETUP\*\*\*\*\*

USAGE: calibration Data select switch

\*\*\*\*\*PID SETUP\*\*\*\*\*

PID FUNCTION: DISABLED

\*\*\*\*\*ZERO MID SPAN DRIFT CHECK SETUP\*\*\*\*\*

DRIFT CHECK STATUS: OFF  
ZERO CHECK VALUE: 10.000 Percent Full Scale  
ZERO CHECK DURATION: 60 Seconds  
MID-SPAN CHECK VALUE: 50.000 Percent Full Scale  
MID-SPAN CHECK DURATION: 60 Seconds

FD24757A.txt

SPAN CHECK VALUE: 90.000 Percent Full Scale  
SPAN CHECK DURATION: 60 Seconds  
CYCLE INTERVAL TIME: 16 Hours

\*\*\*\*\*SENSOR DATA SETUP\*\*\*\*\*

Rp RESISTANCE AT 0 DEGC = 9.1477 OHMS  
Rtc RESISTANCE AT 0 DEGC = 26.9364 OHMS

\*\*\*\*\*END OF MFT B-SERIES CONFIGURATION\*\*\*\*\*

KURZ INSTRUMENTS, INC.  
 2411 GARDEN ROAD  
 MONTEREY, CA 93940  
 1(800)424-7356 (831)646-5911 FAX (831)646-8901  
 www.kurzinstruments.com

CALIBRATION CERTIFICATE

VTM Data Derived from the following Measurement Components

|                                         |                         |
|-----------------------------------------|-------------------------|
| FLOW ELEMENT CALIBRATION REFERENCE      | DATA ACQUISITION SYSTEM |
| Model No: 534FT-32C Serial No: MD21005A | Model No: 500E CALSYS   |
| NIST Calibration Due Date: 09-10-2020   | Serial No: NA           |

--> Sensor Calibration Data <--

Filename: FD24757A.vtm  
 Date: 04/17/20  
 Customer Code/Name: 643-591/Telstar Instruments  
 Purchase Order No: 1036114-002  
 Model No: 454FTB-08-HT  
 Part No: 756051-A-32-B-1-A-000-E-99-B-015B-0520  
 MAPICS Item No: 0016334  
 Serial No: FD24757A  
 Flow Units: NCMH  
 Standard Conditions: 0 Deg C and 760 mmHg  
 Gas: 45CH4 55CO2

| FLOW<br>NCMH | FLOW<br>SCFM | 20.0 °C<br>PRP<br>Wdc | 130.0 °C<br>PRP<br>Wdc |
|--------------|--------------|-----------------------|------------------------|
| 0.000000     | 0.000000     | 0.388730              | 0.414410               |
| 1.819200     | 1.070741     | 0.469730              | 0.534490               |
| 2.670220     | 1.571632     | 0.503560              | 0.571440               |
| 3.919350     | 2.306842     | 0.545010              | 0.615330               |
| 5.752820     | 3.385982     | 0.594070              | 0.667680               |
| 8.443980     | 4.969939     | 0.652430              | 0.730040               |
| 12.39400     | 7.294833     | 0.721790              | 0.804730               |
| 18.19199     | 10.70740     | 0.804680              | 0.891730               |
| 26.70220     | 15.71632     | 0.908350              | 1.001010               |
| 39.19350     | 23.06842     | 1.035580              | 1.134440               |
| 57.52819     | 33.85981     | 1.179030              | 1.283420               |
| 84.43979     | 49.69938     | 1.338310              | 1.447160               |
| 123.9400     | 72.94833     | 1.518630              | 1.629410               |
| 181.9199     | 107.0740     | 1.735220              | 1.847000               |
| 267.0220     | 157.1632     | 1.971750              | 2.080630               |

This instrument was calibrated with measuring and test equipment with certified NIST traceability. (Copies with applicable NIST numbers are available upon request.) The calibration of this instrument was performed in accordance with the requirements of ISO-9001, ANSI/NCSL Z540 and ISO/IEC GUIDE 25.

WIND TUNNEL OPERATOR: \_\_\_\_\_ DATE: APR 17 2020  
 QUALITY CONTROL: CK VT DATE: APR 17 2020  
 Form 180119 Rev. E

KURZ INSTRUMENTS, INC.  
2411 GARDEN ROAD  
MONTEREY, CA 93940  
1(800)424-7356 (831)646-5911 FAX (831)646-8901  
www.kurzInstruments.com

FLOW ELEMENT CALIBRATION CURVE

Flow Element Serial No.: FD24757A

Customer Code/Name: 643-591/Telstar Instruments

Filename: FD24757A.vtm

Purchase Order No.: 1036114-002

Cal. Date: 04/17/20

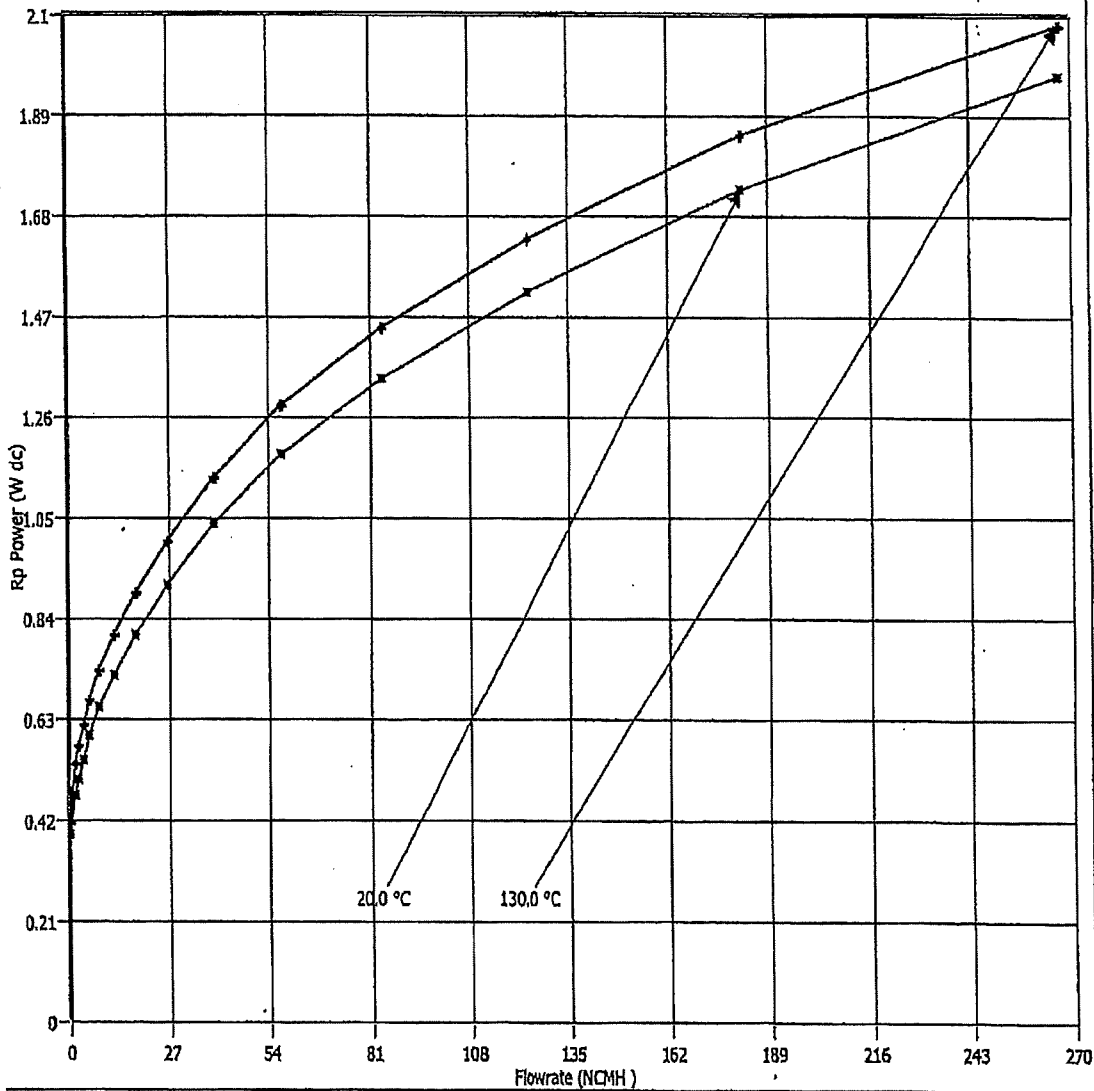
Model No.: 454FTB-08-HT

MAPICS Item No.: 0016334

Part No.: 756051-A-32-B-1-A-000-E-99-B-015-B-0520

Gas: 45CH4 55CO2

STD. Conditions: 0 Deg C and \_760 mmHg





**CALIBRATION DATA AND CERTIFICATION DOCUMENT**  
**KURZ INSTRUMENTS, INC.**  
 2411 GARDEN ROAD  
 MONTEREY, CA. 93940  
 1-(800)-424-7356 (831)-646-5911 FAX (831)-646-8901  
 Web Site: www.kurz-instruments.com

**SENSOR CALIBRATION DATA**

Serial Number/Filename: FD24757A/FD24757A.aip

Calibration Date : 4/16/2020

Customer Code/Customer Name : 643-591/Telstar Instruments

Purchase Order No. : 1036114-002

Model No. : 454FTB-08-HT

Part No. : 756051-A-32-B-1-A-000-E-99-B-015-B-0520

MAPICS Item No. : 0016334

Flow Units : NCMH

Reference Fluid: AIR

Standard Conditions : 0 Deg C and 760 mmHg

| Point No. | Rp Power W dc | Flowrate NCMH |
|-----------|---------------|---------------|
| 1         | 0.3523        | 0.00000       |
| 2         | 0.7599        | 19.90151      |
| 3         | 1.0093        | 47.31208      |
| 4         | 1.1564        | 73.18777      |
| 5         | 1.2779        | 97.78790      |
| 6         | 1.3835        | 126.26921     |
| 7         | 1.4736        | 151.34570     |
| 8         | 1.6185        | 197.96696     |
| 9         | 1.7429        | 249.10384     |
| 10        | 1.9540        | 343.78809     |

NOTE: Current was measured directly by the calibrated unit.

Kurz Model 500E In-Line Flow Calibration System

**FLOW ELEMENT CALIBRATION REFERENCE**

Model No.: 534FT-32C, S/N: MD21005A

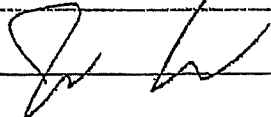
NIST Calibration Due Date: 09-10-2020

**DATA ACQUISITION SYSTEM**

Model No.: 500E CalSys

Serial No.: 451083Rev3.0

This instrument was calibrated with measuring and test equipment with certified NIST traceability. (Copies with applicable NIST numbers are available upon request). The calibration of this instrument was performed to meet or exceed the requirements of: A. ISO-9001, B. ANSI/NCSL Z540 and C. ISO/IEC GUIDE 25.

Wind Tunnel Operator:   
 Quality Control: CK

Date: APR 17 2020  
 Date: APR 17 2020

KURZ INSTRUMENTS, INC.  
2411 GARDEN ROAD  
MONTEREY, CA. 93940  
1-(800)-424-7356 (831)-646-5911 FAX (831)-646-8901  
Web Site: www.kurz-instruments.com  
FLOW ELEMENT CALIBRATION CURVE

Flow Element Serial No.: FD24757A

Customer Code/Name: 643-591/Telstar Instruments Filename: FD24/S/A.aip

Purchase Order No.: 1036114-002

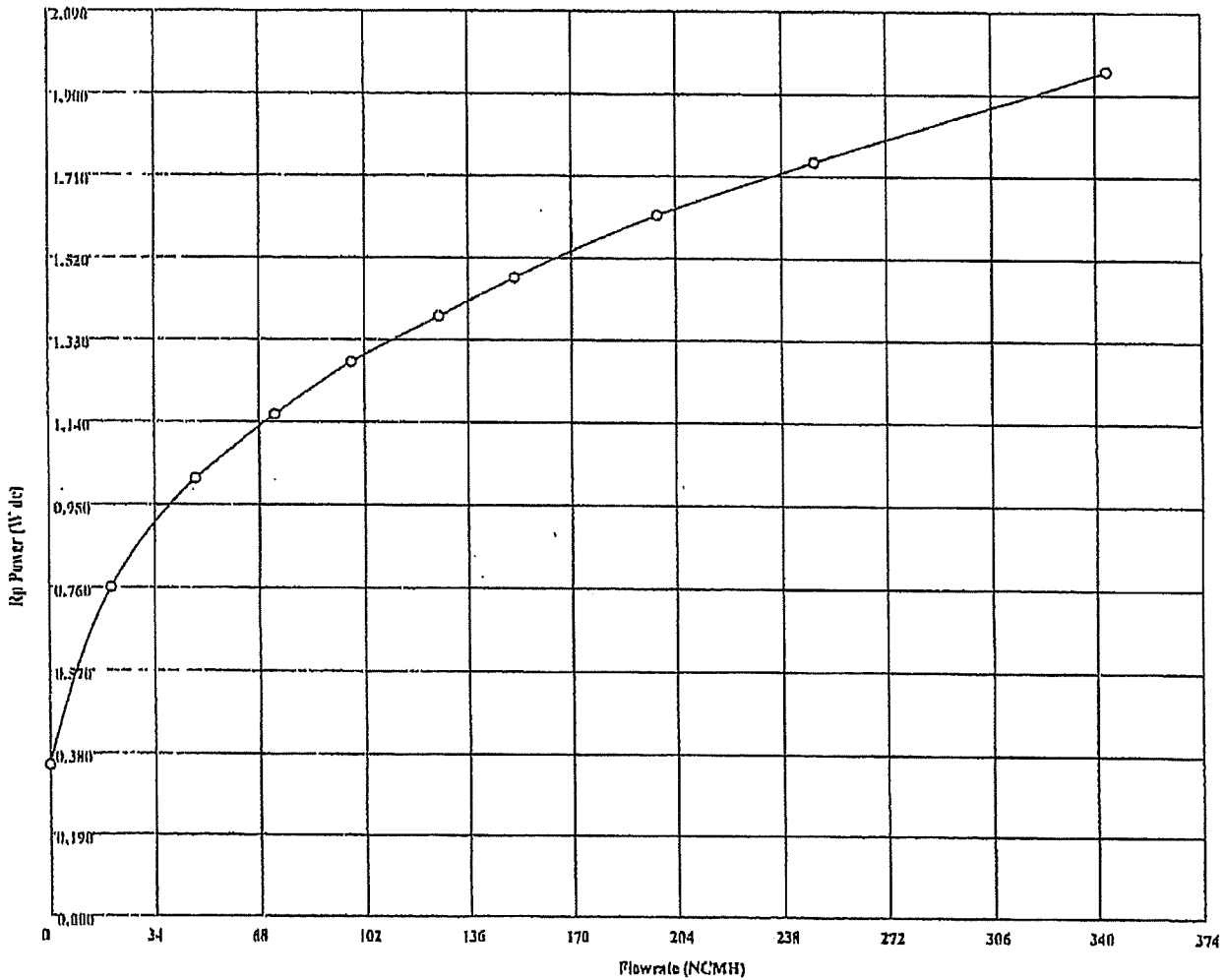
Cal. Date: 4/16/2020

Model No.: 454FTB-08-HT

MAPICS Item No.: 0016334

Part No.: 756051-A-32-B-1-A-000-E-99-B-015-B-0520 Medium: AIR

STD. Conditions: 0 Deg C and 760 mmHg



Sheet 2 of 2

# Calibration Certificate

Telstar Instruments Inc  
 1717 Solano Way, Suite #34, Concord Ca  
 Tel 925-871-2888 - Fax 925-871-9607



### Customer Information

Company name City of Mountain View  
 231 North Whisman Rd, Mountain View, CA  
 Address 94043  
 Contact Rene Munoz

Certificate CC-10-37614-02  
 Calibration date 1/29/2021  
 Next calibration due 1/29/2022  
 Location of calibration  
 Company name  
 Address 231 north whisman rd mountain view ca 94043

### Instrument Information

Manufacturer Rosemount  
 Model 3051G02A22NB4M5  
 Serial 12119862  
 Tag NA  
 Description Front 9 - Back 9 Flow

Received In Tolerance  
 Returned In Tolerance

Calibrated range 0 to 10 "H2O  
 User Specified Tolerance 1.00 %  
 Instrument Output 4 to 20 mA

**Test standards used** This calibration certificate documents the traceability to national standards, which states the units of measurement according to the International System of Units (SI)

| ID      | Description  | Serial number | Certificate | Due date |
|---------|--------------|---------------|-------------|----------|
| CAL286  | FLUKE 789    | 38880109      | 1031684     | 08/12/21 |
| TEST425 | Fluke 700G05 | 4400635       | 1043979     | 11/06/21 |
|         |              |               |             |          |
|         |              |               |             |          |
|         |              |               |             |          |
|         |              |               |             |          |

### Procedure Used

CP0005

As Found = As Left

| As Found   |          |                 |         |                 |       |              |
|------------|----------|-----------------|---------|-----------------|-------|--------------|
| Cal points | Standard | Expected Output | Display | Measured Output | Error | Output Error |
| 1          | 0        | 4.000           | N/A     | 3.988           | N/A   | -0.08        |
| 2          | 2.5      | 8.000           | N/A     | 8.009           | N/A   | 0.06         |
| 3          | 5        | 12.000          | N/A     | 11.998          | N/A   | -0.01        |
| 4          | 7.5      | 16.000          | N/A     | 15.993          | N/A   | -0.04        |
| 5          | 10       | 20.000          | N/A     | 20.001          | N/A   | 0.01         |
| 6          |          |                 |         |                 |       |              |
| 7          |          |                 |         |                 |       |              |
| 8          |          |                 |         |                 |       |              |
| 9          |          |                 |         |                 |       |              |
| 10         |          |                 |         |                 |       |              |
| Units:     | "H2O     | mA              | "H2O    | mA              | %     | %            |

| As Left  |                 |         |                 |       |              |   |
|----------|-----------------|---------|-----------------|-------|--------------|---|
| Standard | Expected Output | Display | Measured Output | Error | Output Error |   |
|          |                 |         |                 |       |              |   |
|          |                 |         |                 |       |              |   |
|          |                 |         |                 |       |              |   |
|          |                 |         |                 |       |              |   |
|          |                 |         |                 |       |              |   |
|          |                 |         |                 |       |              |   |
|          |                 |         |                 |       |              |   |
|          |                 |         |                 |       |              |   |
|          |                 |         |                 |       |              |   |
|          |                 |         |                 |       |              |   |
| Units:   | "H2O            | mA      | "H2O            | mA    | %            | % |

Error calculated as percent of span

### Conformity

UUT conforms  UUT does not conform

### Remarks

INSTRUMENT RETURNED TO SERVICE (EXPLAIN IN REMARKS IF NOT)

Confirmed correct display readings.

This calibration certificate should not be published or reproduced other than in full

Service Engineer Abraham York  
 Signature *Abraham York*

Date 1/29/2021

# Calibration Certificate

Telstar Instruments Inc  
1717 Solano Way, Suite #34, Concord Ca  
Tel 925-671-2888 - Fax 925-671-9507

FAIL, SEE NOTES



Certificate CC-10-37814-01  
Calibration date 1/28/2021  
Next calibration due 1/28/2022  
Location of calibration  
Company name 231 north whisman rd mountain view ca 94043

**Customer Information**

Company name City of Mountain View  
Address 231 north whisman rd mountain view ca 94043  
Contact Rene Munoz

Received Out of Tolerance  
Returned In Tolerance

**Instrument Information**

Manufacturer Rosemount  
Model CA1A22A1AB4E5M5  
Serial 654741  
Tag NA  
Description Flare station front 9 - back 9 Vac

Calibrated range 0 to -50 "H2O  
User Specified Tolerance 1.00 %  
Instrument Output 4 to 20 mA

Test standards used This calibration certificate documents the traceability to national standards, which states the units of measurement according to the International System of Units (SI)

| ID      | Description  | Serial number | Certificate | Due date |
|---------|--------------|---------------|-------------|----------|
| CAL286  | FLUKE 789    | 38880109      | 1031664     | 08/12/21 |
| TEST425 | Fluke 700G05 | 4400635       | 1043979     | 11/08/21 |
|         |              |               |             |          |
|         |              |               |             |          |
|         |              |               |             |          |

**Procedure Used**

CP0005

As Found = As Left

**As Found**

| Cal point(s) | Standard | Expected Output | Display | Measured Output | Error | Output Error |
|--------------|----------|-----------------|---------|-----------------|-------|--------------|
| 1            | 0        | 4.000           | N/A     | 6.244           | N/A   | 14.03        |
| 2            | -12.5    | 8.000           | N/A     | 10.269          | N/A   | 14.18        |
| 3            | -25      | 12.000          | N/A     | 14.286          | N/A   | 14.29        |
| 4            | -37.5    | 16.000          | N/A     | 18.294          | N/A   | 14.34        |
| 5            | -50      | 20.000          | N/A     | 20.800          | N/A   | 6.00         |
| 6            |          |                 |         |                 |       |              |
| 7            |          |                 |         |                 |       |              |
| 8            |          |                 |         |                 |       |              |
| 9            |          |                 |         |                 |       |              |
| 10           |          |                 |         |                 |       |              |

**As Left**

| Standard | Expected Output | Display | Measured Output | Error | Output Error |
|----------|-----------------|---------|-----------------|-------|--------------|
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |

Units: "H2O mA "H2O mA % % Error calculated as percent of span

**Conformity**

UUT conforms  UUT does not conform

**Remarks**

INSTRUMENT RETURNED TO SERVICE (EXPLAIN IN REMARKS IF NOT)

Found out of tolerance. Transmitter is scheduled to be replaced later this year. (1/28/21)

This calibration certificate should not be published or reproduced other than in full

Service Engineer  
Signature

Abraham York  
*Abraham York*

Date 1/28/2021

# Calibration Certificate

Telstar Instruments Inc  
1717 Solano Way, Suite #34, Concord Ca  
Tel 925-671-2888 - Fax 925-671-9507



Certificate **CC-10-37614-08**  
 Calibration date **1/28/2021**  
 Next calibration due **1/28/2022**  
 Location of calibration  
 Company name  
 Address **231 north whisman rd mountain view ca 94043**

**Customer Information**  
 Company name **City of Mountain View**  
 Address **231 north whisman rd mountain view ca 94043**  
 Contact **Rene Munoz**

**Instrument Information**  
 Manufacturer **Rosemount**  
 Model **2051CD2A62A1AB4**  
 Serial **0154851**  
 Tag **NA**  
 Description **Crittenden GA NE Gas Vac**

Received **In Tolerance**  
 Returned **In Tolerance**

Calibrated range **0** to **-60** "H2O  
 User Specified Tolerance **1.00** %  
 Instrument Output **4** to **20** mA

**Test standards used** This calibration certificate documents the traceability to national standards, which states the units of measurement according to the International System of Units (SI)

| ID      | Description  | Serial number | Certificate | Due date |
|---------|--------------|---------------|-------------|----------|
| CAL286  | FLUKE 789    | 36880109      | 1031664     | 05/12/21 |
| TEST425 | Fluke 700G05 | 4400635       | 1043979     | 11/06/21 |
|         |              |               |             |          |
|         |              |               |             |          |
|         |              |               |             |          |

**Procedure Used**

CP0005

As Found = As Left

**As Found**

| Cal points | Standard | Expected Output | Display | Measured Output | Error | Output Error |
|------------|----------|-----------------|---------|-----------------|-------|--------------|
| 1          | 0        | 4.000           | N/A     | 4.024           | N/A   | 0.15         |
| 2          | -12.5    | 8.000           | N/A     | 8.034           | N/A   | 0.21         |
| 3          | -25      | 12.000          | N/A     | 12.041          | N/A   | 0.26         |
| 4          | -37.5    | 16.000          | N/A     | 16.038          | N/A   | 0.24         |
| 5          | -50      | 20.000          | N/A     | 20.050          | N/A   | 0.31         |
| 6          |          |                 |         |                 |       |              |
| 7          |          |                 |         |                 |       |              |
| 8          |          |                 |         |                 |       |              |
| 9          |          |                 |         |                 |       |              |
| 10         |          |                 |         |                 |       |              |

**As Left**

| Standard | Expected Output | Display | Measured Output | Error | Output Error |
|----------|-----------------|---------|-----------------|-------|--------------|
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |

Error calculated as percent of span

**Conformity**

UUT conforms  UUT does not conform

**Remarks**

INSTRUMENT RETURNED TO SERVICE (EXPLAIN IN REMARKS IF NOT)

This calibration certificate should not be published or reproduced other than in full

Service Engineer  
Signature

Abraham York  
*Abraham York*

Date **1/28/2021**



**APPENDIX J**  
**FUEL FLOWMETER CALIBRATIONS**



**Rosemount Service**  
8200 Market Blvd.  
Chanhassen, MN 55317  
T: 800-654-7768  
F: 952-906-8844

Revised: 6/6/2017

### Main Menu / Calibration Data Sheet

#### Contact Information

|                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purchase Order:</b><br><b>Customer Name:</b> Telstar Instruments<br><b>Location/Project:</b> Mountain View/18 1 SMI Utility<br><b>Address 1:</b> 231 Whisman Road<br><b>Address 2:</b> Mountain View Ca 94043<br><b>Customer Contact:</b> Tyrone Brown<br><b>Phone:</b> 510-693-8043<br><b>Email:</b> tbrown@telstarinc.com | <b>Service Request:</b><br><b>Quote#:</b><br><b>Sales Representative:</b><br><b>Phone:</b><br><b>Email:</b><br><b>Service Representative:</b> David James<br><b>Phone:</b> 209-597-0378<br><b>Email:</b> David.James@Emerson.com |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |
|------------------|
| # of Sheets<br>0 |
|------------------|

#### Note:

For full functionality these sheets should be run in Excel 2010 or higher  
There could be some loss of functionality in lower versions.

*David James*

David James  
Rosemount Service Technician  
Phone: 209-597-0378

February 16, 2022

Date







**Rosemount Service**  
 8200 Market Blvd.  
 Chanhassen, MN 55317  
 T: 800-654-7768  
 F: 952-906-8844

February 16, 2022

**CALIBRATION DATA SHEET**

Consistent with ISO 10474 2.1 or EN 10204 2.1

**Contact Information**

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purchase Order: 0<br>Customer Name: Telstar Instruments<br>Location/Project: Mountain View/18 1 SMI Utility<br>Address 1: 231 Whisman Road<br>Address 2: Mountain View Ca 94043<br>Customer Contact: Tyrone Brown<br>Phone: 510-693-8043<br>Email: tbrown@telstarinc.com | Service Request: 0<br>Quote#: 0<br>Sales Representative: 0<br>Phone:<br>Email:<br>Service Representative: David James<br>Phone: 209-597-0378<br>Email: David.James@Emerson.com |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Device Information**

|                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------|
| Device Type: Multivariable<br>Device Tag: FL-109A<br>Model: 3051SMV5M11A3R2E11A1AC12B4C2E5M5Q4<br>Serial #: 446400 |
|--------------------------------------------------------------------------------------------------------------------|

**Calibration Range Data**

|                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Static Pressure Range: 14.7 To 30 PSI<br>Differential Pressure Range: 0 To 12 InH2O<br>Temperature Range: 0 To 150 F<br>Analog Output Range: 4 To 20 mA |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|

**Test Equipment Used**

| Asset #      | Description                              | Calibration Due |
|--------------|------------------------------------------|-----------------|
| ES-01491     | Fluke 754 Documenting Process Calibrator | 5-Sep-22        |
| S/N 24284505 | Fluke 750PD5 Pressure Module             | 11-Jan-23       |
| 0            | 0                                        | 0-Jan-00        |
| 0            | 0                                        | 0-Jan-00        |

**As Found Calibration Data**

| Target % Of Span | Static Pressure        |             |                                  |                         | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|-------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range in PSI | Applied PSI | Indicated Static Pressure in PSI | Pass Fail +/- 0.052 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.012 InH2O |
| 0.00             | 14.70                  | 14.700      | 14.720                           | Pass                    | 0.00                  | 0.000         | -0.003                                | Pass                      |
| 25.00            | 18.53                  | 18.525      | 18.530                           | Pass                    | 3.00                  | 3.000         | 2.990                                 | Pass                      |
| 50.00            | 22.35                  | 22.350      | 22.360                           | Pass                    | 6.00                  | 6.000         | 5.990                                 | Pass                      |
| 75.00            | 26.18                  | 26.175      | 26.180                           | Pass                    | 9.00                  | 9.000         | 8.990                                 | Pass                      |
| 100.00           | 30.00                  | 30.000      | 30.020                           | Pass                    | 12.00                 | 12.000        | 11.990                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                            | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|----------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 0.6666 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | -0.110                       | Pass                       | 4.0000             | 4.0000       | 4.0020              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 37.420                       | Pass                       | 8.0000             | 8.0000       | 8.0020              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 74.920                       | Pass                       | 12.0000            | 12.0000      | 12.0020             | Pass                   |
| 75.00            | 112.50                | 112.50        | 112.470                      | Pass                       | 16.0000            | 16.0000      | 16.0020             | Pass                   |
| 100.00           | 150.00                | 150.00        | 150.050                      | Pass                       | 20.0000            | 20.0000      | 20.0030             | Pass                   |

**As Left Calibration Data**

| Target % Of Span | Static Pressure        |             |                                  |                         | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|-------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range in PSI | Applied PSI | Indicated Static Pressure in PSI | Pass Fail +/- 0.052 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.012 InH2O |
| 0.00             | 14.70                  | 14.700      | 14.720                           | Pass                    | 0.00                  | 0.000         | -0.003                                | Pass                      |
| 25.00            | 18.53                  | 18.525      | 18.530                           | Pass                    | 3.00                  | 3.000         | 2.990                                 | Pass                      |
| 50.00            | 22.35                  | 22.350      | 22.360                           | Pass                    | 6.00                  | 6.000         | 5.990                                 | Pass                      |
| 75.00            | 26.18                  | 26.175      | 26.180                           | Pass                    | 9.00                  | 9.000         | 8.990                                 | Pass                      |
| 100.00           | 30.00                  | 30.000      | 30.020                           | Pass                    | 12.00                 | 12.000        | 11.990                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                            | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|----------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 0.6666 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | -0.110                       | Pass                       | 4.0000             | 4.0000       | 4.0020              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 37.420                       | Pass                       | 8.0000             | 8.0000       | 8.0020              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 74.920                       | Pass                       | 12.0000            | 12.0000      | 12.0020             | Pass                   |
| 75.00            | 112.50                | 112.50        | 112.470                      | Pass                       | 16.0000            | 16.0000      | 16.0020             | Pass                   |
| 100.00           | 150.00                | 150.00        | 150.050                      | Pass                       | 20.0000            | 20.0000      | 20.0030             | Pass                   |

**Certification**

This is to validate that the listed product performs within the acceptable performance variation of the test equipment. Measuring and test equipment used in the inspection and validation of the listed product are traceable to the National Institute of Standards and Technology.

*David James*

David James  
 Rosemount Service Representative  
 PH: 209-597-0378

February 16, 2022

Date



**Rosemount Service**  
 8200 Market Blvd.  
 Chanhassen, MN 55317  
 T: 800-654-7768  
 F: 952-906-8844

February 16, 2022

**CALIBRATION DATA SHEET**

Consistent with ISO 10474 2.1 or EN 10204 2.1

**Contact Information**

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purchase Order: 0<br>Customer Name: Teistar Instruments<br>Location/Project: Mountain View/18 1 SMI Utility<br>Address 1: 231 Whisman Road<br>Address 2: Mountain View Ca 94043<br>Customer Contact: Tyrone Brown<br>Phone: 510-693-8043<br>Email: tbrown@teistarinc.com | Service Request: 0<br>Quote#: 0<br>Sales Representative: 0<br>Phone:<br>Email:<br>Service Representative: David James<br>Phone: 209-597-0378<br>Email: David.James@Emerson.com |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Device Information**

|                                |
|--------------------------------|
| Device Type: Multivariable     |
| Device Tag: FL-180A            |
| Model: 3095MA13AA11AA110ABC2Q4 |
| Serial #: 296459               |

**Calibration Range Data**

|                              |      |    |     |       |
|------------------------------|------|----|-----|-------|
| Static Pressure Range:       | 14.7 | To | 30  | PSI   |
| Differential Pressure Range: | 0    | To | 16  | InH2O |
| Temperature Range:           | 0    | To | 150 | F     |
| Analog Output Range:         | 4    | To | 20  | mA    |

**Test Equipment Used**

| Asset #      | Description                              | Calibration Due |
|--------------|------------------------------------------|-----------------|
| ES-01491     | Fluke 754 Documenting Process Calibrator | 5-Sep-22        |
| S/N 24284505 | Fluke 750PD5 Pressure Module             | 11-Jan-23       |
| 0            | 0                                        | 0-Jan-00        |
| 0            | 0                                        | 0-Jan-00        |

**As Found Calibration Data**

| Target % Of Span | Static Pressure        |             |                                  |                           | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|---------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range in PSI | Applied PSI | Indicated Static Pressure in PSI | Pass Fail +/- 0.06459 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.016 InH2O |
| 0.00             | 14.70                  | 14.700      | 14.703                           | Pass                      | 0.00                  | 0.000         | -0.007                                | Pass                      |
| 25.00            | 18.53                  | 18.525      | 18.531                           | Pass                      | 4.00                  | 4.000         | 3.990                                 | Pass                      |
| 50.00            | 22.35                  | 22.350      | 22.362                           | Pass                      | 8.00                  | 8.000         | 7.990                                 | Pass                      |
| 75.00            | 26.18                  | 26.175      | 26.179                           | Pass                      | 12.00                 | 12.000        | 11.990                                | Pass                      |
| 100.00           | 30.00                  | 30.000      | 30.003                           | Pass                      | 16.00                 | 16.000        | 16.000                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                           | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|---------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 1.008 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | -0.450                       | Pass                      | 4.0000             | 4.0000       | 3.9990              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 36.990                       | Pass                      | 8.0000             | 8.0000       | 7.9980              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 74.510                       | Pass                      | 12.0000            | 12.0000      | 11.9980             | Pass                   |
| 75.00            | 112.50                | 112.50        | 112.030                      | Pass                      | 16.0000            | 16.0000      | 15.9980             | Pass                   |
| 100.00           | 150.00                | 150.00        | 149.570                      | Pass                      | 20.0000            | 20.0000      | 19.9980             | Pass                   |

**As Left Calibration Data**

| Target % Of Span | Static Pressure        |             |                                  |                           | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|---------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range in PSI | Applied PSI | Indicated Static Pressure in PSI | Pass Fail +/- 0.06459 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.016 InH2O |
| 0.00             | 14.70                  | 14.700      | 14.703                           | Pass                      | 0.00                  | 0.000         | -0.007                                | Pass                      |
| 25.00            | 18.53                  | 18.525      | 18.531                           | Pass                      | 4.00                  | 4.000         | 3.990                                 | Pass                      |
| 50.00            | 22.35                  | 22.350      | 22.362                           | Pass                      | 8.00                  | 8.000         | 7.990                                 | Pass                      |
| 75.00            | 26.18                  | 26.175      | 26.179                           | Pass                      | 12.00                 | 12.000        | 11.990                                | Pass                      |
| 100.00           | 30.00                  | 30.000      | 30.003                           | Pass                      | 16.00                 | 16.000        | 16.000                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                           | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|---------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 1.008 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | -0.450                       | Pass                      | 4.0000             | 4.0000       | 3.9990              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 36.990                       | Pass                      | 8.0000             | 8.0000       | 7.9980              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 74.510                       | Pass                      | 12.0000            | 12.0000      | 11.9980             | Pass                   |
| 75.00            | 112.50                | 112.50        | 112.030                      | Pass                      | 16.0000            | 16.0000      | 15.9980             | Pass                   |
| 100.00           | 150.00                | 150.00        | 149.570                      | Pass                      | 20.0000            | 20.0000      | 19.9980             | Pass                   |

**Certification**

This is to validate that the listed product performs within the acceptable performance variation of the test equipment. Measuring and test equipment used in the inspection and validation of the listed product are traceable to the National Institute of Standards and Technology.

*David James*

David James  
 Rosemount Service Representative  
 PH: 209-597-0378

February 16, 2022

Date



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February 16, 2022

**CALIBRATION DATA SHEET**

Consistent with ISO 10474 2.1 or EN 10204 2.1

**Contact Information**

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purchase Order: 0<br>Customer Name: Telstar Instruments<br>Location/Project: Mountain View/18 1 SMI Utility<br>Address 1: 231 Whisman Road<br>Address 2: Mountain View Ca 94043<br>Customer Contact: Tyrone Brown<br>Phone: 510-693-8043<br>Email: tbrown@telstarinc.com | Service Request: 0<br>Quote#: 0<br>Sales Representative: 0<br>Phone:<br>Email:<br>Service Representative: David James<br>Phone: 209-597-0378<br>Email: David.James@Emerson.com |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Device Information**

|                                                                                                         |
|---------------------------------------------------------------------------------------------------------|
| Device Type: Multivariable<br>Device Tag: FL-10A<br>Model: 3095MA13AAA11AA110ABC2Q4<br>Serial #: 296498 |
|---------------------------------------------------------------------------------------------------------|

**Calibration Range Data**

|                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Static Pressure Range: 14.7 To 30 PSI<br>Differential Pressure Range: 0 To 25 InH2O<br>Temperature Range: 0 To 150 F<br>Analog Output Range: 4 To 20 mA |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|

**Test Equipment Used**

| Asset #      | Description                              | Calibration Due |
|--------------|------------------------------------------|-----------------|
| ES-01491     | Fluke 754 Documenting Process Calibrator | 5-Sep-22        |
| S/N 24284505 | Fluke 750PD5 Pressure Module             | 11-Jan-23       |
| 0            | 0                                        | 0-Jan-00        |
| 0            | 0                                        | 0-Jan-00        |

**As Found Calibration Data**

| Target % Of Span | Static Pressure        |             |                                  |                           | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|---------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range in PSI | Applied PSI | Indicated Static Pressure in PSI | Pass Fail +/- 0.06459 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.025 InH2O |
| 0.00             | 14.70                  | 14.700      | 14.690                           | Pass                      | 0.00                  | 0.000         | -0.003                                | Pass                      |
| 25.00            | 18.53                  | 18.525      | 18.500                           | Pass                      | 6.25                  | 6.250         | 6.248                                 | Pass                      |
| 50.00            | 22.35                  | 22.350      | 22.330                           | Pass                      | 12.50                 | 12.500        | 12.498                                | Pass                      |
| 75.00            | 26.18                  | 26.175      | 26.140                           | Pass                      | 18.75                 | 18.750        | 18.749                                | Pass                      |
| 100.00           | 30.00                  | 30.000      | 29.960                           | Pass                      | 25.00                 | 25.000        | 24.999                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                           | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|---------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 1.008 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | -0.320                       | Pass                      | 4.0000             | 4.0000       | 4.0020              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 36.950                       | Pass                      | 8.0000             | 8.0000       | 8.0010              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 74.250                       | Pass                      | 12.0000            | 12.0000      | 12.0010             | Pass                   |
| 75.00            | 112.50                | 112.50        | 111.580                      | Pass                      | 16.0000            | 16.0000      | 16.0000             | Pass                   |
| 100.00           | 150.00                | 150.00        | 148.930                      | Fail                      | 20.0000            | 20.0000      | 20.0010             | Pass                   |

**As Left Calibration Data**

| Target % Of Span | Static Pressure        |             |                                  |                           | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|---------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range in PSI | Applied PSI | Indicated Static Pressure in PSI | Pass Fail +/- 0.06459 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.025 InH2O |
| 0.00             | 14.70                  | 14.700      | 14.690                           | Pass                      | 0.00                  | 0.000         | -0.003                                | Pass                      |
| 25.00            | 18.53                  | 18.525      | 18.500                           | Pass                      | 6.25                  | 6.250         | 6.248                                 | Pass                      |
| 50.00            | 22.35                  | 22.350      | 22.330                           | Pass                      | 12.50                 | 12.500        | 12.498                                | Pass                      |
| 75.00            | 26.18                  | 26.175      | 26.140                           | Pass                      | 18.75                 | 18.750        | 18.749                                | Pass                      |
| 100.00           | 30.00                  | 30.000      | 29.960                           | Pass                      | 25.00                 | 25.000        | 24.999                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                           | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|---------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 1.008 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | -0.020                       | Pass                      | 4.0000             | 4.0000       | 4.0020              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 37.450                       | Pass                      | 8.0000             | 8.0000       | 8.0010              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 74.940                       | Pass                      | 12.0000            | 12.0000      | 12.0010             | Pass                   |
| 75.00            | 112.50                | 112.50        | 112.470                      | Pass                      | 16.0000            | 16.0000      | 16.0000             | Pass                   |
| 100.00           | 150.00                | 150.00        | 150.010                      | Pass                      | 20.0000            | 20.0000      | 20.0010             | Pass                   |

**Certification**

This is to validate that the listed product performs within the acceptable performance variation of the test equipment. Measuring and test equipment used in the inspection and validation of the listed product are traceable to the National Institute of Standards and Technology.

*David James*

David James  
 Rosemount Service Representative  
 PH: 209-597-0378

February 16, 2022

Date

# Calibration Certificate

Telstar Instruments Inc  
 1717 Solano Way, Suite #34, Concord Ca  
 Tel 925-671-2888 - Fax 925-671-9507



Certificate **CC-10-39323-01**  
 Calibration date **2/16/2022**  
 Next calibration due **2/16/2023**  
 Location of calibration  
 Company name  
 Address **231 north whisman rd mountain view ca 94043**

**Customer information**  
 Company name **City of Mountain View**  
 Address **231 north whisman rd mountain view ca 94043**  
 Contact **Tim Pike 650-903-6111**

**Instrument information**  
 Manufacturer **Rosemount**  
 Model **CA1A22A1AB4E5M5**  
 Serial **654741**  
 Tag **NA**  
 Description **Flare station front 9 - back 9 Vac**

Received **Out of Tolerance**  
 Returned **In Tolerance**  
 Calibrated range **0 to -50 "H2O**  
 User Specified Tolerance **1.00 %**  
 Instrument Output **4 to 20 mA**

**Test standards used** This calibration certificate documents the traceability to national standards, which states the units of measurement according to the International System of Units (SI)

| ID      | Description                  | Serial number | Certificate | Due date |
|---------|------------------------------|---------------|-------------|----------|
| CAL388  | Fluke 725 Process Calibrator | 56160253MV    | 600005809   | 11/15/22 |
| TEST505 | FLUKE 700G27                 | 5584334       | 3000261534  | 10/15/22 |
|         |                              |               |             |          |
|         |                              |               |             |          |
|         |                              |               |             |          |
|         |                              |               |             |          |

**Procedure Used**

CP0005

As Found = As Left

**As Found**

| Cal. point(s) | Standard | Expected Output | Display | Measured Output | Error | Output Error |
|---------------|----------|-----------------|---------|-----------------|-------|--------------|
| 1             | 0        | 4.000           | N/A     | 4.529           | N/A   | 3.31         |
| 2             | -12.5    | 8.000           | N/A     | 8.54            | N/A   | 3.37         |
| 3             | -25      | 12.000          | N/A     | 12.539          | N/A   | 3.37         |
| 4             | -37.5    | 16.000          | N/A     | 16.533          | N/A   | 3.33         |
| 5             | -50      | 20.000          | N/A     | 20.603          | N/A   | 3.77         |
| 6             |          |                 |         |                 |       |              |
| 7             |          |                 |         |                 |       |              |
| 8             |          |                 |         |                 |       |              |
| 9             |          |                 |         |                 |       |              |
| 10            |          |                 |         |                 |       |              |
| Units*        | "H2O     | mA              | "H2O    | mA              | %     | %            |

**As Left**

| Standard | Expected Output | Display | Measured Output | Error | Output Error |
|----------|-----------------|---------|-----------------|-------|--------------|
| 0        | 4.000           | N/A     | 3.996           | N/A   | -0.03        |
| -12.5    | 8.000           | N/A     | 7.961           | N/A   | -0.24        |
| -25      | 12.000          | N/A     | 11.968          | N/A   | -0.20        |
| -37.5    | 16.000          | N/A     | 15.942          | N/A   | -0.36        |
| -50      | 20.000          | N/A     | 19.964          | N/A   | -0.23        |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
| "H2O     | mA              | "H2O    | mA              | %     | %            |

Error calculated as percent of span

**Conformity**

UUT conforms  UUT does not conform

INSTRUMENT RETURNED TO SERVICE (EXPLAIN IN REMARKS IF NOT)

**Remarks**

This calibration certificate should not be published or reproduced other than in full

Service Engineer  
 Signature

Andrew Steele

*Andrew Steele*

Date

2/16/2022



# Calibration Certificate

Telstar Instruments Inc  
 1717 Solano Way, Suite #34, Concord Ca  
 Tel 925-671-2888 - Fax 925-671-9507



Certificate **CC-10-39323-03**  
 Calibration date **2/16/2022**  
 Next calibration due **2/16/2023**  
 Location of calibration  
 Company name  
 Address **231 north whisman rd mountain view ca 94043**

**Customer information**  
 Company name **City of Mountain View**  
 Address **231 north whisman rd mountain view ca 94043**  
 Contact **Tim Pike 650-903-6111**

**Instrument information**  
 Manufacturer **Rosemount**  
 Model **305152CA1A22A1AB4E5M5**  
 Serial **459502**  
 Tag **NA**  
 Description **Flare station Vista Vac**

Received **In Tolerance**  
 Returned **In Tolerance**

Calibrated range **0** to **-50** **"H2O**  
 User Specified Tolerance **1.00** **%**  
 Instrument Output **4** to **20** **mA**

**Test standards used** This calibration certificate documents the traceability to national standards, which states the units of measurement according to the International System of Units (SI)

| ID      | Description                  | Serial number | Certificate | Due date |
|---------|------------------------------|---------------|-------------|----------|
| CAL388  | Fluke 725 Process Calibrator | 56160253MV    | 6000005809  | 11/15/22 |
| TEST505 | FLUKE 700G27                 | 5584334       | 3000261534  | 10/15/22 |
|         |                              |               |             |          |
|         |                              |               |             |          |
|         |                              |               |             |          |
|         |                              |               |             |          |

**Procedure Used**

CP0005

As Found = As Left

**As Found**

| Cal. point(s) | Standard | Expected Output | Display | Measured Output | Error | Output Error |
|---------------|----------|-----------------|---------|-----------------|-------|--------------|
| 1             | 0        | 4.000           | N/A     | 4.001           | N/A   | 0.01         |
| 2             | -12.5    | 8.000           | N/A     | 7.941           | N/A   | -0.37        |
| 3             | -25      | 12.000          | N/A     | 11.952          | N/A   | -0.30        |
| 4             | -37.5    | 16.000          | N/A     | 15.942          | N/A   | -0.36        |
| 5             | -50      | 20.000          | N/A     | 19.958          | N/A   | -0.26        |
| 6             |          |                 |         |                 |       |              |
| 7             |          |                 |         |                 |       |              |
| 8             |          |                 |         |                 |       |              |
| 9             |          |                 |         |                 |       |              |
| 10            |          |                 |         |                 |       |              |
| Units*        | "H2O     | mA              | "H2O    | mA              | %     | %            |

**As Left**

| Standard | Expected Output | Display | Measured Output | Error | Output Error |
|----------|-----------------|---------|-----------------|-------|--------------|
|          |                 | N/A     |                 | N/A   |              |
|          |                 | N/A     |                 | N/A   |              |
|          |                 | N/A     |                 | N/A   |              |
|          |                 | N/A     |                 | N/A   |              |
|          |                 | N/A     |                 | N/A   |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
| "H2O     | mA              | "H2O    | mA              | %     | %            |

Error calculated as percent of span

**Conformity**

UUT conforms  UUT does not conform

INSTRUMENT RETURNED TO SERVICE (EXPLAIN IN REMARKS IF NOT)

**Remarks**

This calibration certificate should not be published or reproduced other than in full

Service Engineer **Andrew Steele**  
 Signature *Andrew Steele*

Date **2/16/2022**





# Calibration Certificate

Telstar Instruments Inc  
 1717 Solano Way, Suite #34, Concord Ca  
 Tel 925-671-2888 - Fax 925-671-9507



Certificate **CC-10-39323-05**  
 Calibration date **2/16/2022**  
 Next calibration due **2/16/2023**  
 Location of calibration  
 Company name  
 Address **231 north whisman rd mountain view ca 94043**

**Customer information**  
 Company name **City of Mountain View**  
 Address **231 north whisman rd mountain view ca 94043**  
 Contact **Tim Pike 650-903-6111**

**Instrument information**  
 Manufacturer **Rosemount**  
 Model **2051CD2A52A1AB4**  
 Serial **0154861**  
 Tag **NA**  
 Description **Crittenden GA NE Gas Vac**

Received **In Tolerance**  
 Returned **In Tolerance**  
 Calibrated range **0** to **-50** **"H2O**  
 User Specified Tolerance **1.00** **%**  
 Instrument Output **4** to **20** **mA**

**Test standards used** This calibration certificate documents the traceability to national standards, which states the units of measurement according to the International System of Units (SI)

| ID      | Description                  | Serial number | Certificate | Due date |
|---------|------------------------------|---------------|-------------|----------|
| CAL388  | Fluke 725 Process Calibrator | 56160253MV    | 6000005809  | 11/15/22 |
| TEST505 | FLUKE 700G27                 | 5584334       | 3000261534  | 10/15/22 |
|         |                              |               |             |          |
|         |                              |               |             |          |
|         |                              |               |             |          |

**Procedure Used**

CP0005

As Found = As Left

**As Found**

| Cal. point(s) | Standard | Expected Output | Display | Measured Output | Error | Output Error |
|---------------|----------|-----------------|---------|-----------------|-------|--------------|
| 1             | 0        | 4.000           | N/A     | 4.012           | N/A   | 0.07         |
| 2             | -12.5    | 8.000           | N/A     | 7.942           | N/A   | -0.36        |
| 3             | -25      | 12.000          | N/A     | 11.982          | N/A   | -0.11        |
| 4             | -37.5    | 16.000          | N/A     | 16.032          | N/A   | 0.20         |
| 5             | -50      | 20.000          | N/A     | 19.984          | N/A   | -0.10        |
| 6             |          |                 |         |                 |       |              |
| 7             |          |                 |         |                 |       |              |
| 8             |          |                 |         |                 |       |              |
| 9             |          |                 |         |                 |       |              |
| 10            |          |                 |         |                 |       |              |
| Units*        | "H2O     | mA              | "H2O    | mA              | %     | %            |

**As Left**

| Standard | Expected Output | Display | Measured Output | Error | Output Error |
|----------|-----------------|---------|-----------------|-------|--------------|
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
| "H2O     | mA              | "H2O    | mA              | %     | %            |

Error calculated as percent of span

**Conformity**

UUT conforms  UUT does not conform

INSTRUMENT RETURNED TO SERVICE (EXPLAIN IN REMARKS IF NOT)

**Remarks**

This calibration certificate should not be published or reproduced other than in full

Service Engineer **Andrew Steele** Date **2/16/2022**  
 Signature *Andrew Steele*

# Calibration Certificate

Telstar Instruments Inc  
 1717 Solano Way, Suite #34, Concord Ca  
 Tel 925-671-2888 - Fax 925-671-9507



Certificate **CC-10-39323-06**  
 Calibration date **2/16/2022**  
 Next calibration due **2/16/2023**  
 Location of calibration  
 Company name  
 Address **231 north whisman rd mountain view ca 94043**

**Customer information**  
 Company name **City of Mountain View**  
 Address **231 north whisman rd mountain view ca 94043**  
 Contact **Tim Pike 650-903-6111**

**Instrument information**  
 Manufacturer **Rosemount**  
 Model **3051C02A22NB4M5**  
 Serial **12119860**  
 Tag **NA**  
 Description **Crittenden GA NE Gas Flow**

Received **In Tolerance**  
 Returned **In Tolerance**  
 Calibrated range **0 to 10 "H2O**  
 User Specified Tolerance **1.00 %**  
 Instrument Output **4 to 20 mA**

**Test standards used** This calibration certificate documents the traceability to national standards, which states the units of measurement according to the International System of Units (SI)

| ID      | Description                  | Serial number | Certificate | Due date |
|---------|------------------------------|---------------|-------------|----------|
| CAL388  | Fluke 725 Process Calibrator | 56160253MV    | 6000005809  | 11/15/22 |
| TEST505 | FLUKE 700G27                 | 5584334       | 3000261534  | 10/15/22 |
|         |                              |               |             |          |
|         |                              |               |             |          |
|         |                              |               |             |          |
|         |                              |               |             |          |

**Procedure Used**

CP0005

As Found = As Left

**As Found**

| Cal. point(s) | Standard | Expected Output | Display | Measured Output | Error | Output Error |
|---------------|----------|-----------------|---------|-----------------|-------|--------------|
| 1             | 0        | 4.000           | N/A     | 3.9             | N/A   | -0.63        |
| 2             | 2.5      | 8.000           | N/A     | 7.988           | N/A   | -0.07        |
| 3             | 5        | 12.000          | N/A     | 11.99           | N/A   | -0.06        |
| 4             | 7.5      | 16.000          | N/A     | 15.89           | N/A   | -0.69        |
| 5             | 10       | 20.000          | N/A     | 19.97           | N/A   | -0.19        |
| 6             |          |                 |         |                 |       |              |
| 7             |          |                 |         |                 |       |              |
| 8             |          |                 |         |                 |       |              |
| 9             |          |                 |         |                 |       |              |
| 10            |          |                 |         |                 |       |              |
| Units*        | "H2O     | mA              | "H2O    | mA              | %     | %            |

**As Left**

| Standard | Expected Output | Display | Measured Output | Error | Output Error |
|----------|-----------------|---------|-----------------|-------|--------------|
|          |                 |         |                 | N/A   |              |
|          |                 |         |                 | N/A   |              |
|          |                 |         |                 | N/A   |              |
|          |                 |         |                 | N/A   |              |
|          |                 |         |                 | N/A   |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
| "H2O     | mA              | "H2O    | mA              | %     | %            |

Error calculated as percent of span

**Conformity**

UUT conforms  UUT does not conform

INSTRUMENT RETURNED TO SERVICE (EXPLAIN IN REMARKS IF NOT)

**Remarks**

This calibration certificate should not be published or reproduced other than in full

Service Engineer **Andrew Steele** Date **2/16/2022**  
 Signature *Andrew Steele*

## SECTION II

### LANDFILL GAS COLLECTION SYSTEM DOWNTIME

**CITY OF MOUNTAIN VIEW  
SHORELINE LANDFILL, FACILITY ID A2740  
LANDFILL GAS COLLECTION SYSTEM SHUTDOWN SUMMARY  
January 1 - June 30, 2022**

| Well ID | Reasons for Shutdown *                 | Date: Time      |                  | Shutdown Duration<br>Hours: Minutes |
|---------|----------------------------------------|-----------------|------------------|-------------------------------------|
|         |                                        | Shutdown        | Start-up         |                                     |
| NEB-14  | Separation at well                     | 6/2/22 8:00 AM  | 6/2/22 9:30 AM   | 1:30                                |
| NED-01  | Belly in lateral due to subsidence     | 6/3/22 7:30 AM  | 6/3/22 8:45 AM   | 1:15                                |
| WD-02   | Separation at lateral                  | 4/25/22 7:00 AM | 4/25/22 10:00 AM | 3:00                                |
| WD-03   | Separation at well                     | 5/3/22 7:00 AM  | 5/3/22 10:00 AM  | 3:00                                |
| WD-04   | Install new valve assembly and lateral | 5/12/22 9:00 AM | 5/12/22 10:30 AM | 1:30                                |
| WVN-50H | Replace broken header valve            | 5/11/22 7:30 AM | 5/11/22 10:00 AM | 2:30                                |

- \* SSM plan report forms are attached for shutdown and startup events.
- \* Flare station shutdowns are included in section III – Emission control system shutdown

## SSM PLAN FORM / LANDFILL GAS REPAIR CITY OF MOUNTAIN VIEW

**RESPONSE TO LANDFILL GAS COLLECTION AND EMISSIONS CONTROL SYSTEM LEAK?**

**NO**       **YES**

**If Yes, Concentration Above Background (ppmv)** \_\_\_\_\_

(If form completed in response to landfill gas collection and emissions control system leak, repair must be completed within 7 calendar days)

**DATE:**      Identified 5/26/22      **TIME:** 7:00  am / pm  
                  Shutdown/Malfunction 6/2/22      8:00  am / pm  
                  Startup 6/2/22      9:30  am / pm  
                  Shutdown/Malfunction NA      NA am / pm

**LOCATION:**      Well # NEB-14      **SITE:**      \_\_\_\_\_ Back Nine  
                  Grid # P-65      \_\_\_\_\_ Vista  
                  Sump # NA      \_\_\_\_\_ Northshore  
                  \_\_\_\_\_ Crittenden  
                   Cell 6A NE  
                  \_\_\_\_\_ Front Nine  
                  \_\_\_\_\_ Control Device

**AFFECTED EQUIPMENT**  
**HEADER**

\_\_\_\_\_ Gas Line  
 \_\_\_\_\_ Air Line  
 \_\_\_\_\_ Condensate Line  
 \_\_\_\_\_ Valve Assembly

**LATERAL**

Gas Line  
 Air Line  
 Condensate Line  
 Valve Assembly

Casing  
 Pump

**SUMP/DRAIN**  
 \_\_\_\_\_ Pump

**DESCRIPTION/ PROCEDURE FOR THE REPAIR:** Excavate old valve assembly test port and lateral. Install new tee at well, valve assembly, test port and lateral. Back fill, compact and set boxes.

Cause/Reason for Shutdown Malfunction: \_\_\_\_\_  
Separation at the well  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

SSM Plan Procedures Followed:  yes  no  
 Explain procedure used, if SSM Plan Procedure not followed:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

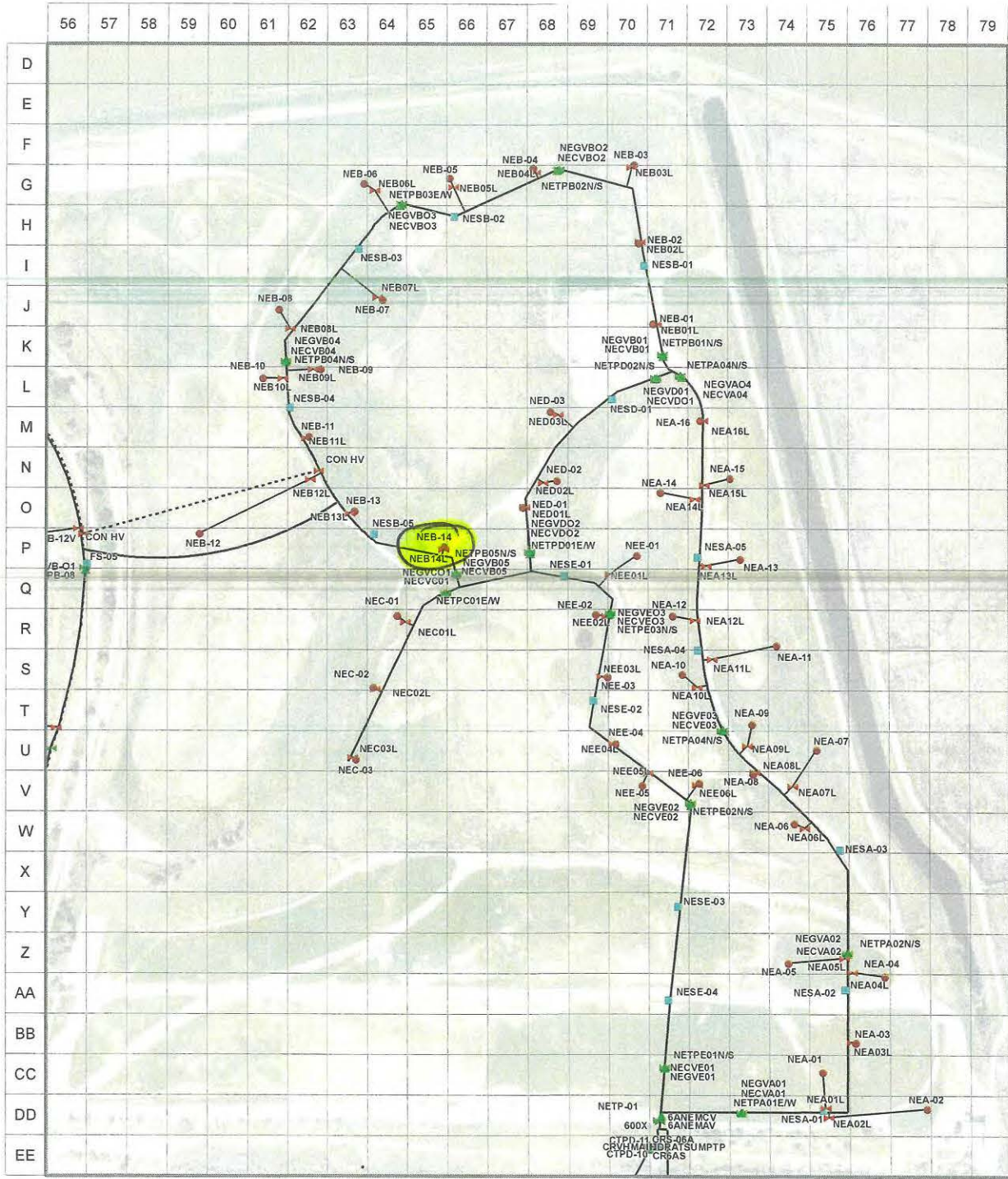
Jason R. Bean  
 Signature      6/8/22  
 Date

If Emission Exceedence and SSM Procedures are not followed it must be reported to EPA/BAAQMD within 48 hours per SSM plan  
**(Report to EEC immediately and complete departure report)**

JUN 29 2022  
**ENGR. & ENVIRONMENTAL  
 COMPLIANCE DIVISION**

# 6A NORTHEAST - COMPLETE SYSTEM MAP

04/30/2018



- CONDENSATE PUMP STATION
- HC TRANSITION
- LFGWELL
- PROBES\_REGULATORY
- VENTTRENCHBOXES
- AIR\_CONDEN\_LINES
- LFGLATERALS
- CONNECTION POINT
- HEADERVEALVE
- PIEZOMETER
- SUMP
- VENTTRENCHSUMP
- PROPERTY\_BOUND
- END CAP
- LFGLATERALVALVE
- PROBES\_INSIDE
- TESTPORT
- HEADER\_10\_01\_SHP
- VENTTRENCHBOXES
- HORIZONTAL HEADER
- PROBES\_OUTSIDE
- VALVE

Map Scale: 1" = 375'  
 0 90 180 375 Feet

SURFACE SWEEP   
  CAP INSPECTION   
 100' GRID   
 YES  NO  LEAKS DETECTED OR FOUND

- MPH WIND SPEED
- PPM GAS READING
- % CH4 GAS READING
- Ⓛ=LOW AREA    Ⓒ=CRACK
- Ⓞ=ODOR        Ⓜ=STANDING WATER

|                    |  |                           |  |              |  |
|--------------------|--|---------------------------|--|--------------|--|
| Inspection Date :  |  | Start Time :              |  | Finish Time: |  |
| Weather            |  |                           |  |              |  |
| Instrument(s) Used |  |                           |  |              |  |
| Inspector(s)       |  |                           |  |              |  |
| Comments           |  | <i>Location of NEB-14</i> |  |              |  |

**SSM PLAN FORM / LANDFILL GAS REPAIR  
CITY OF MOUNTAIN VIEW**

**RESPONSE TO LANDFILL GAS COLLECTION AND EMISSIONS CONTROL SYSTEM LEAK?**

**NO**       **YES**

**If Yes, Concentration Above Background (ppmv)** \_\_\_\_\_

(If form completed in response to landfill gas collection and emissions control system leak, repair must be completed within 7 calendar days)

**DATE:**      Identified 5/26/22      **TIME:** 7:00 am / pm  
                  Shutdown/Malfunction 6/3/22      7:30 am / pm  
                  Startup 6/3/22      8:45 am / pm  
                  Shutdown/Malfunction NA      NA am / pm

**LOCATION:**      Well # NED-01      **SITE:**      \_\_\_\_\_ Back Nine  
                  Grid # 0-68      \_\_\_\_\_ Vista  
                  Sump # NA      \_\_\_\_\_ Northshore  
                  \_\_\_\_\_ Crittenden  
                  \_\_\_\_\_  Cell 6A NE  
                  \_\_\_\_\_ Front Nine  
                  \_\_\_\_\_ Control Device

**AFFECTED EQUIPMENT**  
**HEADER**

\_\_\_\_\_ Gas Line  
 \_\_\_\_\_ Air Line  
 \_\_\_\_\_ Condensate Line  
 \_\_\_\_\_ Valve Assembly

**LATERAL**

Gas Line  
 Air Line  
 Condensate Line  
 Valve Assembly

Casing  
 Pump

**SUMP/DRAIN**

\_\_\_\_\_ Pump

**DESCRIPTION/ PROCEDURE FOR THE REPAIR:** Excavate old valve assembly, testport and lateral. Install new tee at well, valve assembly, testport and lateral. Backfill, compact and set boxes.

Cause/Reason for Shutdown Malfunction: \_\_\_\_\_

Belly in lateral due to subsidence.

SSM Plan Procedures Followed:  yes  no

Explain procedure used, if SSM Plan Procedure not followed: \_\_\_\_\_

If Emission Exceedence and SSM Procedures are not followed it must be reported to EPA/BAAQMD within 48 hours per SSM plan  
**(Report to EEC immediately and complete departure report)**

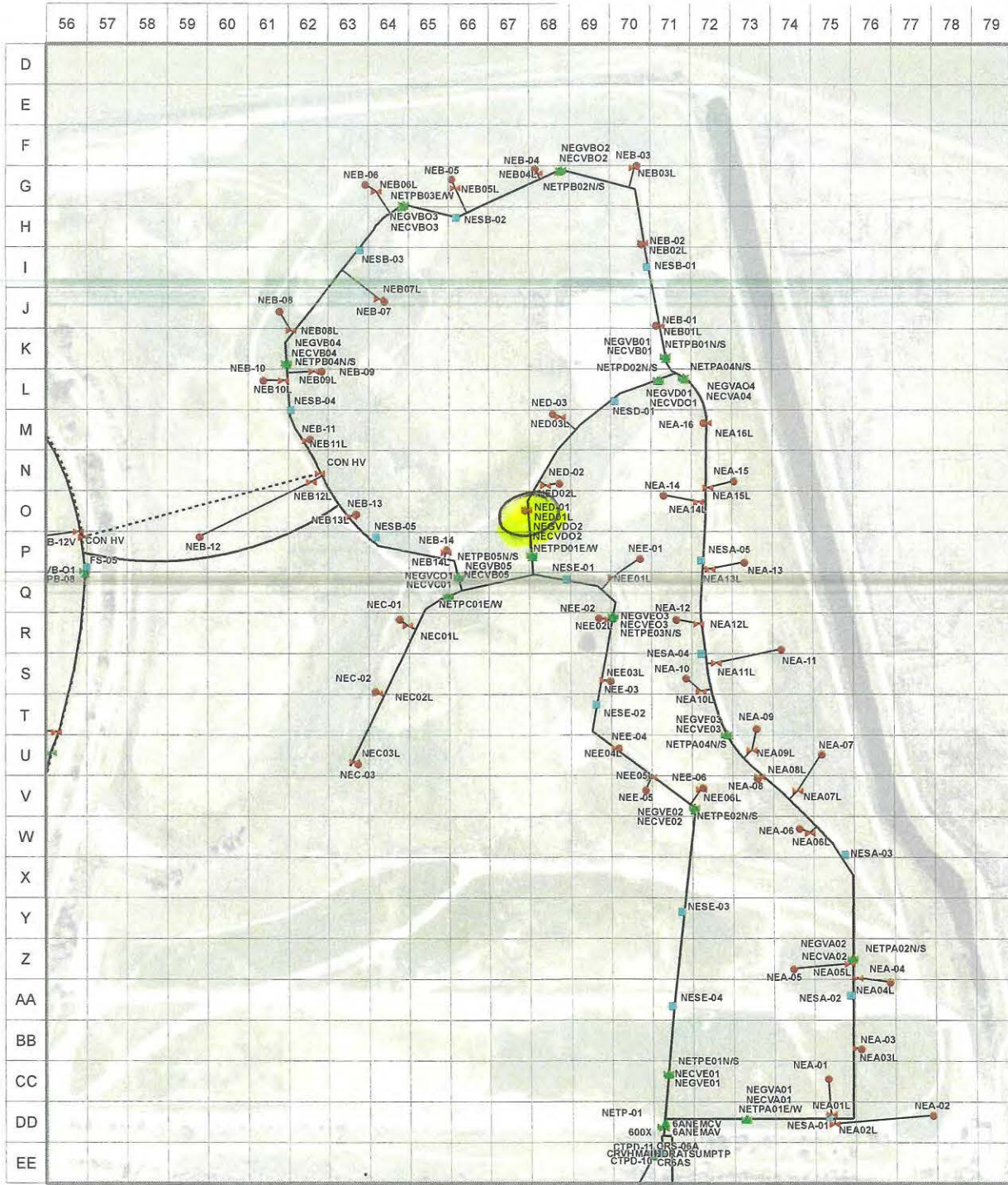
  
Signature

6/8/22  
Date

JUN 29 2022  
**ENGR. & ENVIRONMENTAL  
 COMPLIANCE DIVISION**

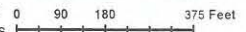
# 6A NORTHEAST - COMPLETE SYSTEM MAP

04/30/2018



- CONDENSATE PUMP STATION
- HC TRANSITION
- LFGWELL
- PROBES\_REGULATORY
- VENTTRENCHBOXES
- AIR\_CONDEN\_LINES
- LFGlaterals
- CONNECTION POINT
- HEADERVALVE
- PIEZOMETER
- SUMP
- VENTTRENCHSUMP
- PROPERTY\_BOUND
- END CAP
- LFGlateralVALVE
- PROBES\_INSIDE
- TESTPORT
- HEADER
- HEADER\_10\_01\_SHP
- VENTTRENCHBOXES
- HORIZONTALHEADER

Map Scale: 1" = 375'



SURFACE SWEEP   
  CAP INSPECTION   
 100' GRID   
 YES  NO  LEAKS DETECTED OR FOUND

\_\_\_\_\_ MPH WIND SPEED  
 \_\_\_\_\_ PPM GAS READING  
 \_\_\_\_\_ % CH4 GAS READING

- L = LOW AREA    C = CRACK
- O = ODOR    W = STANDING WATER

|                    |  |              |  |              |  |
|--------------------|--|--------------|--|--------------|--|
| Inspection Date :  |  | Start Time : |  | Finish Time: |  |
| Weather            |  |              |  |              |  |
| Instrument(s) Used |  |              |  |              |  |
| Inspector(s)       |  |              |  |              |  |
| Comments           |  |              |  |              |  |



## SSM PLAN FORM / LANDFILL GAS REPAIR CITY OF MOUNTAIN VIEW

### RESPONSE TO LANDFILL GAS COLLECTION AND EMISSIONS CONTROL SYSTEM LEAK?

NO       YES

If Yes, Concentration Above Background (ppmv) \_\_\_\_\_

(If form completed in response to landfill gas collection and emissions control system leak, repair must be completed within 7 calendar days)

**DATE:** Identified 4/22/22 **TIME:** \_\_\_\_\_ am / pm  
 Shutdown/Malfunction 4/25/22 7:00  am / pm  
 Startup 4/25/22 10:00  am / pm  
 Shutdown/Malfunction NA \_\_\_\_\_ am / pm

**LOCATION:** Well # WD-02 **SITE:**  Back Nine  
 Grid # LL-22 \_\_\_\_\_ Vista  
 Sump # NA \_\_\_\_\_ Northshore  
 \_\_\_\_\_ Crittenden  
 \_\_\_\_\_ Cell 6A NE  
 \_\_\_\_\_ Front Nine  
 \_\_\_\_\_ Control Device

**AFFECTED EQUIPMENT HEADER**

Gas Line  
 \_\_\_\_\_ Air Line  
 \_\_\_\_\_ Condensate Line  
 Valve Assembly

**LATERAL**

Gas Line  
 \_\_\_\_\_ Air Line  
 \_\_\_\_\_ Condensate Line  
 Valve Assembly

\_\_\_\_\_ Casing  
 \_\_\_\_\_ Pump  
**SUMP/DRAIN**  
 \_\_\_\_\_ Pump

APR 29 2022  
 ENGR. & ENVIRONMENTAL  
 COMPLIANCE DIVISION

**DESCRIPTION/ PROCEDURE FOR THE REPAIR:** Excavate valve assembly to header. Install new valve assembly, test port and saddle to header. Backfill and set boxes to grade.

Cause/Reason for Shutdown/Malfunction: Separation at lateral tie in to header

SSM Plan Procedures Followed:  yes  no  
 Explain procedure used, if SSM Plan Procedure not followed:

*James R. Bean*  
 Signature

4/27/22  
 Date

If Emission Exceedence and SSM Procedures are not followed it must be reported to EPA/BAAQMD within 48 hours per SSM plan  
**(Report to EEC immediately and complete departure report)**









**SSM PLAN FORM / LANDFILL GAS REPAIR  
CITY OF MOUNTAIN VIEW**

**RESPONSE TO LANDFILL GAS COLLECTION AND EMISSIONS CONTROL SYSTEM LEAK?**

NO  YES

**If Yes, Concentration Above Background (ppmv)** \_\_\_\_\_

(If form completed in response to landfill gas collection and emissions control system leak, repair must be completed within 7 calendar days)

**DATE:** Identified 4/25/22 **TIME:** 7:00 am pm  
~~Shutdown~~/Malfunction 5/12/22 9:00 am pm  
 Startup 5/12/22 10:30 am pm  
 Shutdown/Malfunction NA NA am / pm

**LOCATION:** Well # WD-04 **SITE:**  Back Nine  
 Grid # KK-16  Vista  
 Sump # NA  Northshore  
 Crittenden  
 Cell 6A NE  
 Front Nine  
 Control Device

**AFFECTED EQUIPMENT  
HEADER**

Gas Line  
 Air Line  
 Condensate Line  
 Valve Assembly

**LATERAL**

Gas Line  
 Air Line  
 Condensate Line  
 Valve Assembly

Casing  
 Pump  
**SUMP/DRAIN**  
 Pump

**DESCRIPTION/ PROCEDURE FOR THE REPAIR:** Excavate and remove old valve assembly  
Testport and lateral from well to header. Install new valve assembly,  
and lateral. Backfill, compact and set boxes to grade.

Cause/Reason for ~~Shutdown~~/Malfunction: \_\_\_\_\_

SSM Plan Procedures Followed:  yes  no

Install new valve assembly, T.P.  
and lateral.

Explain procedure used, if SSM Plan Procedure not followed:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

If Emission Exceedence and SSM Procedures are not followed it must be reported to EPA/BAAQMD within 48 hours per SSM plan  
**(Report to EEC immediately and complete departure report)**

*James R. Bean*  
 Signature

5/12/22  
 Date

MAY 12 2022  
 ENGR. & ENVIRONMENTAL  
 COMPLIANCE DIVISION

**SSM PLAN FORM / LANDFILL GAS REPAIR  
CITY OF MOUNTAIN VIEW**

**RESPONSE TO LANDFILL GAS COLLECTION AND EMISSIONS CONTROL SYSTEM LEAK?**

**NO**       **YES**

**If Yes, Concentration Above Background (ppmv)** \_\_\_\_\_

(If form completed in response to landfill gas collection and emissions control system leak, repair must be completed within 7 calendar days)

**DATE:**      Identified 5/2/22      **TIME:** 6:00 am / pm  
                  Shutdown/Malfunction 5/11/22      7:30 am / pm  
                  Startup 5/11/22      10:00 am / pm  
                  Shutdown/Malfunction NA      NA am / pm

**LOCATION:**      Well # UVN-5014      **SITE:**      \_\_\_\_\_ Back Nine  
                  Grid # F-4      \_\_\_\_\_ Vista  
                  Sump # NA       Northshore  
                  \_\_\_\_\_ Crittenden  
                  \_\_\_\_\_ Cell 6A NE  
                  \_\_\_\_\_ Front Nine  
                  \_\_\_\_\_ Control Device

**AFFECTED EQUIPMENT  
HEADER**

Gas Line  
 \_\_\_\_\_ Air Line  
 \_\_\_\_\_ Condensate Line  
 \_\_\_\_\_ Valve Assembly

**LATERAL**

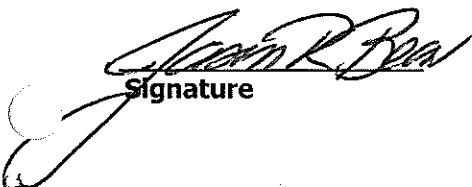
\_\_\_\_\_ Gas Line  
 \_\_\_\_\_ Air Line  
 \_\_\_\_\_ Condensate Line  
 \_\_\_\_\_ Valve Assembly

\_\_\_\_\_ Casing  
 \_\_\_\_\_ Pump  
**SUMP/DRAIN**  
 \_\_\_\_\_ Pump

**DESCRIPTION/ PROCEDURE FOR THE REPAIR:** Excavate old valve assembly replace with new valve. Backfill, compact and set boxes to grade. Ames to hydro excavate.

Cause/Reason for Shutdown/Malfunction: \_\_\_\_\_  
Replace broken header valve  
with new HDPE valve  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

SSM Plan Procedures Followed:  yes  no  
 Explain procedure used, if SSM Plan Procedure not followed:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

  
 Signature

5/11/22  
 Date

If Emission Exceedence and SSM Procedures are not followed it must be reported to EPA/BAAQMD within 48 hours per SSM plan  
**(Report to EEC immediately and complete departure report)**

MAY 12 2022  
**ENGR. & ENVIRONMENTAL  
 COMPLIANCE DIVISION**

## SECTION III

### EMISSION CONTROL SYSTEM DOWNTIME



**CITY OF MOUNTAIN VIEW  
SHORELINE LANDFILL, FACILITY ID A2740  
EMISSION CONTROL SYSTEM SHUTDOWN SUMMARY  
January 1 - June 30, 2022**

| Period                                                        | Duration<br>Hours: Minutes |
|---------------------------------------------------------------|----------------------------|
| <b>Total shutdown duration from January 1 - June 30, 2022</b> | <b>17:32</b>               |

| Date      | Description * (January 1 - June 30, 2022)<br>Maintenance, operation and repairs requiring Flare station Shutdown | Shutdown | Start up | Duration<br>Hours: Minutes |
|-----------|------------------------------------------------------------------------------------------------------------------|----------|----------|----------------------------|
| 1/11/2022 | Switch from flare #2 to #1                                                                                       | 8:37 AM  | 8:43 AM  | 0:06                       |
| 1/19/2022 | Blower change from #2 to #3                                                                                      | 7:10 AM  | 11:00 AM | 3:50                       |
| 1/26/2022 | Flare check                                                                                                      | 8:01 PM  | 8:09 PM  | 0:08                       |
| 2/1/2022  | Switch flares for source test                                                                                    | 1:49 PM  | 1:55 PM  | 0:06                       |
| 2/16/2022 | Calibrate flow meters                                                                                            | 8:09 AM  | 12:09 PM | 4:00                       |
| 3/9/2022  | Blower change from #3 to #1                                                                                      | 7:16 PM  | 7:28 PM  | 0:12                       |
| 4/4/2022  | Blower change from #1 to #2                                                                                      | 6:56 PM  | 7:18 PM  | 0:22                       |
| 4/8/2022  | Bloom high flow spike                                                                                            | 6:28 AM  | 6:34 AM  | 0:06                       |
| 4/13/2022 | Louvers check on flares                                                                                          | 9:13 AM  | 9:23 AM  | 0:10                       |
| 4/28/2022 | Flare change from #2 to #3                                                                                       | 5:45 PM  | 6:14 PM  | 0:29                       |
| 5/2/2022  | Flare switch                                                                                                     | 9:09 PM  | 9:18 PM  | 0:09                       |
| 5/16/2022 | Blower change from #2 to #3                                                                                      | 7:45 PM  | 8:00 PM  | 0:15                       |
| 5/28/2022 | Low gas flow                                                                                                     | 6:30 PM  | 8:30 PM  | 2:00                       |
| 6/7/2022  | Bloom high flow spike                                                                                            | 4:58 AM  | 5:07 AM  | 0:09                       |
| 6/7/2022  | Telestar replaced chart recorder                                                                                 | 7:45 AM  | 9:53 AM  | 2:08                       |
| 6/13/2022 | Change out honey well                                                                                            | 7:05 AM  | 10:02 AM | 2:57                       |
| 6/23/2022 | Low gas flow                                                                                                     | 5:17 AM  | 5:42 AM  | 0:25                       |

\* - Monitoring records are attached.



**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 1-19-22  
s m t **w** th f s

**AM MONITORING**

Name LEON ROSARIO  
Arrival Time 6:23am Departure Time 6:37am  
GEM# ENV #2 Manometer  yes  no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 38.5  | 30.5  | 2.4  |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1630  | 1.25" | 81   |
| Flare #2        |       |       |      |
| Flare #3        | 1626  | 2.15" | 422  |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    |      |         |
| Blower #2    | 2175 | 62046.9 |
| Blower #3    |      |         |

Air Compressor Hours: 8212.4  
Google SCFM: am: 62 pm:

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| CH4 %         | 41.0  | 37.1  | 35.5    |
| CO2 %         | 31.5  | 31.7  | 26.7    |
| O2 %          | 2.0   | 0.4   | 5.9     |
| Vacuum        | -42.2 | -40.7 | -42.0   |
| SCFM          | 261   | 210   | 134     |
| Temperature   | 58    | 59    | 59      |

Time of Shutdown: 7:10am  
Time of Start-Up: 11am  
Duration of Shutdown Malfunction: 3hrs 50min

Reason for Shutdown Malfunction:  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

Blower change #2 to #3.  
Telstar on site doing ALL  
Electrical PM's  
[Signature]  
Signature 1/19/22  
Date

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running yes /  no  
Control Room Bypass yes /  no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.  yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.  yes / no

Comments and/or Description of Malfunction and Affected Equipment:

Emission Exceedence: yes\* /  no  
SSM Plan Procedures Followed:  yes / no\*  
If SSM Plan Procedure **not** followed, explain procedure used:

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes /  no

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date January 26<sup>th</sup>, 2022  
s m t w th f s

**AM MONITORING**

**PM MONITORING**

Name Jason R. Bean  
Arrival Time 4:41am Departure Time 4:52pm  
GEM# Emulsion #2 Manometer  yes  no

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 %        | CO2 %       | O2 %       |
|--------------|-------------|------------|
| <u>410.0</u> | <u>30.7</u> | <u>2.4</u> |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp.       | Vac.         | SCFM       |
|-----------------|-------------|--------------|------------|
| Flare #1        | <u>1594</u> | <u>0.91"</u> | <u>70</u>  |
| Flare #2        | <u>/</u>    | <u>/</u>     | <u>/</u>   |
| Flare #3        | <u>1620</u> | <u>2.01"</u> | <u>410</u> |

| Flare Operation | Temp | Vac | SCFM |
|-----------------|------|-----|------|
| Flare #1        |      |     |      |
| Flare #2        |      |     |      |
| Flare #3        |      |     |      |

| Blower Oper. | RPM         | Hours          |
|--------------|-------------|----------------|
| Blower #1    | <u>/</u>    | <u>/</u>       |
| Blower #2    | <u>/</u>    | <u>/</u>       |
| Blower #3    | <u>2150</u> | <u>27639.9</u> |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8261.9  
Google SCFM: am: 59 pm: \_\_\_\_\_

Back Up Generator Running yes /  no

Control Room Bypass yes /  no

| LFG at Inlets | 6A NE         | Vista         | F9 / B9       |
|---------------|---------------|---------------|---------------|
| CH4 %         | <u>43.2</u>   | <u>38.1</u>   | <u>36.9</u>   |
| CO2 %         | <u>32.4</u>   | <u>31.8</u>   | <u>27.5</u>   |
| O2 %          | <u>1.8</u>    | <u>0.5</u>    | <u>5.7</u>    |
| Vacuum        | <u>-42.5"</u> | <u>-41.1"</u> | <u>-42.2"</u> |
| SCFM          | <u>233</u>    | <u>209</u>    | <u>96</u>     |
| Temperature   | <u>58</u>     | <u>59</u>     | <u>58</u>     |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.  yes / no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: 8:01am  
Time of Start-Up: 8:09pm  
Duration of Shutdown/Malfunction: 8 min

Reason for Shutdown/Malfunction:  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

Emission Exceedence: yes\* /  no

SSM Plan Procedures Followed:  yes /  no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Cheer Flares

Are any comments, descriptions, other information, etc. continued on the back side? yes /  no

Signature Jason R. Bean Date 1/26/22

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date February 1<sup>st</sup>, 2022  
s m t w th f s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 5:51am Departure Time 6:03am  
GEM# Emulsion #1 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 40.4  | 31.2  | 2.4  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1617  | 5.22" | 163  |
| Flare #2        | 1615  | 4.49" | 340  |
| Flare #3        |       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours  |
|--------------|------|--------|
| Blower #1    |      |        |
| Blower #2    |      |        |
| Blower #3    | 2175 | 2785.1 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8307.6  
Google SCFM: am: 62 pm: \_\_\_\_\_

Back Up Generator Running yes /  no  
Control Room Bypass yes /  no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 45.3   | 38.3   | 36.4    |
| CO2 %         | 33.8   | 32.3   | 27.0    |
| O2 %          | 1.3    | 0.6    | 6.7     |
| Vacuum        | -43.3" | -42.0" | -42.9"  |
| SCFM          | 233    | 215    | 154     |
| Temperature   | 56     | 58     | 57      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes /  no

Time of Shutdown: 1:49 pm  
Time of Start-Up: 1:55 pm  
Duration of Shutdown/Malfunction: 6 min

Comments and/or Description of Malfunction and Affected Equipment:  
Annual Source Testing of Flare #1, 2, 3

Reason for Shutdown/Malfunction:  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

Emission Exceedence:  yes /  no  
SSM Plan Procedures Followed:  yes /  no\*  
If SSM Plan Procedure **not** followed, explain procedure used:

Switch Flares for Source test

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Signature [Signature] Date 2/1/22

Are any comments, descriptions, other information, etc. continued on the back side? yes  no

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date February 16<sup>th</sup>, 2022  
s m t w th f s

**AM MONITORING**

Name Jason R. Beam  
Arrival Time 6:32 AM Departure Time 6:43 AM  
GEM# Envision #1 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 39.4  | 31.0  | 2.2  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1618  | 2.45" | 111  |
| Flare #2        | /     | /     | /    |
| Flare #3        | 1628  | 1.50" | 353  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours  |
|--------------|------|--------|
| Blower #1    | /    | /      |
| Blower #2    | /    | /      |
| Blower #3    | 2125 | 2845.7 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8408.4  
Google SCFM: am: 61 pm: \_\_\_\_\_

Back Up Generator Running yes /  no

Control Room Bypass yes /  no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 43.1   | 37.0   | 38.4    |
| CO2 %         | 32.5   | 31.9   | 29.1    |
| O2 %          | 2.1    | 0.8    | 4.7     |
| Vacuum        | -43.2" | -41.5" | -42.8"  |
| SCFM          | 216    | 216    | 131     |
| Temperature   | 57     | 58     | 59      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed, isolating all LFG in the piping system to avoid excess emissions, and notified the staff.  yes  no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.  yes  no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: 8:09 AM  
Time of Start-Up: 12:09 PM  
Duration of Shutdown/Malfunction: 4 hrs

Reason for Shutdown/Malfunction:  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

Emission Exceedence: yes\* /  no

SSM Plan Procedures Followed:  yes  no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

Calibrate flow meters (Telstar)

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Signature [Signature] Date 2/16/22

Are any comments, descriptions, other information, etc. continued on the back side? yes /  no

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date March 9<sup>th</sup>, 2022  
s m t w th f s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 7:00am Departure Time 7:14am  
GEM# Envision #1 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 41.7  | 30.1  | 2.8  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 11626 | 4.79" | 153  |
| Flare #2        | 11636 | 3.90" | 317  |
| Flare #3        | /     | /     | /    |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours  |
|--------------|------|--------|
| Blower #1    | /    | /      |
| Blower #2    | /    | /      |
| Blower #3    | 2100 | 286463 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8548.3  
Google SCFM: am: 60 pm: \_\_\_\_\_

Back Up Generator Running yes /  no  
Control Room Bypass yes /  no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 46.8   | 41.1   | 36.1    |
| CO2 %         | 33.2   | 31.4   | 25.7    |
| O2 %          | 1.1    | 1.0    | 6.9     |
| Vacuum        | -40.4" | -39.6" | -40.0"  |
| SCFM          | 252    | 152    | 166     |
| Temperature   | 58     | 59     | 58      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: 7:16am  
Time of Start-Up: 7:28am  
Duration of Shutdown/Malfunction: 12 min

Reason for Shutdown Malfunction:  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

Switch from blower #3 to #1. Monthly Change

Emission Exceedence: yes\* /  no  
SSM Plan Procedures Followed:  yes /  no\*  
If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes /  no

Signature Jason R. Bean Date 3/9/22

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date April 4<sup>th</sup> 2022  
s m t w th f s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 6:40am Departure Time 6:54pm  
GEM# Envision #4 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 42.8  | 30.4  | 2.2  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1623  | 2.60" | 113  |
| Flare #2        | 1617  | 2.12" | 230  |
| Flare #3        | /     | /     | /    |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | 2100 | 17803.4 |
| Blower #2    | /    | /       |
| Blower #3    | /    | /       |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8738.1  
Google SCFM: am: 34 pm: \_\_\_\_\_

Back Up Generator Running yes /  no  
Control Room Bypass yes /  no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 45.3   | 42.3   | 39.5    |
| CO2 %         | 32.9   | 30.2   | 26.8    |
| O2 %          | 1.5    | 1.3    | 4.9     |
| Vacuum        | -41.5" | -40.7" | -41.4"  |
| SCFM          | 192    | 149    | 109     |
| Temperature   | 62     | 63     | 61      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: 6:54am  
Time of Start-Up: 7:18am  
Duration of Shutdown/Malfunction: 22 min

Reason for Shutdown/Malfunction:  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

Emission Exceedence: yes\* /  no  
SSM Plan Procedures Followed:  yes /  no\*  
If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

Switch from blower #1 to #2  
Monthly change

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Signature Jason R. Bean Date 4/4/2022

Are any comments, descriptions, other information, etc. continued on the back side? yes /  no



**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 4-8-22  
s m t w th **(f)** s

**AM MONITORING**

Name LEON ROSALES  
Arrival Time 10:54am Departure Time 11:07am  
GEM# ENV #4 Manometer  yes  no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 42.7  | 32.5  | 1.9  |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1617  | 1.60" | 87   |
| Flare #2        | —     | —     | —    |
| Flare #3        | 1613  | 0.96" | 270  |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | —    | —       |
| Blower #2    | 2100 | 62147.3 |
| Blower #3    | —    | —       |

Air Compressor Hours: 8769.0  
Google SCFM: am: 51 pm: \_\_\_\_\_

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 44.4   | 41.6   | 40.7    |
| CO2 %         | 33.9   | 30.8   | 28.2    |
| O2 %          | 1.2    | 1.1    | 4.1     |
| Vacuum        | -40.6" | -39.8" | -40.5"  |
| SCFM          | 201    | 151    | 112     |
| Temperature   | 68     | 67     | 70      |

Time of Shutdown: 6:28am  
Time of Start-Up: 6:34am  
Duration of Shutdown/Malfunction: 6min

- Reason for Shutdown/Malfunction:
- Air-Compressor System
  - Blower
  - High Gas Flow
  - High Temperature
  - LEL
  - Low Gas Flow
  - Low Temperature
  - UV Scanner System
  - Power Failure
  - Scheduled Preventive Maintenance

Bloom High flow spike.

Signature [Signature] Date 4-8-22

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running \_\_\_\_\_ yes /  no

Control Room Bypass \_\_\_\_\_ yes /  no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed, isolating all LFG in the piping system to avoid excess emissions, and notified the staff.  yes  no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.  yes  no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Emission Exceedence: \_\_\_\_\_ yes\* /  no

SSM Plan Procedures Followed: \_\_\_\_\_  yes /  no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes /  no

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 4-13-22  
s m t **w** th f s

**AM MONITORING**

Name LEON ROSARIO  
Arrival Time 7:47am Departure Time 8am  
GEM# FW # 4 Manometer  yes  no

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>42.9</u> | <u>30.6</u> | <u>2.1</u> |

| Flare Operation | Temp.       | Vac.         | SCFM       |
|-----------------|-------------|--------------|------------|
| Flare #1        | <u>1625</u> | <u>4.83"</u> | <u>153</u> |
| Flare #2        | <u>1622</u> | <u>4.00"</u> | <u>327</u> |
| Flare #3        |             |              |            |

| Blower Oper. | RPM         | Hours         |
|--------------|-------------|---------------|
| Blower #1    |             |               |
| Blower #2    | <u>2100</u> | <u>6224.3</u> |
| Blower #3    |             |               |

Air Compressor Hours: 8806.3  
Google SCFM: am: 43 pm:

| LFG at Inlets | 6A NE         | Vista         | F9 / B9       |
|---------------|---------------|---------------|---------------|
| CH4 %         | <u>45.7</u>   | <u>41.4</u>   | <u>38.5</u>   |
| CO2 %         | <u>32.1</u>   | <u>29.2</u>   | <u>26.4</u>   |
| O2 %          | <u>1.4</u>    | <u>1.0</u>    | <u>4.8</u>    |
| Vacuum        | <u>-39.7"</u> | <u>-38.7"</u> | <u>-39.6"</u> |
| SCFM          | <u>309</u>    | <u>162</u>    | <u>110</u>    |
| Temperature   | <u>64</u>     | <u>65</u>     | <u>61</u>     |

Time of Shutdown: 9:13am  
Time of Start-Up: 9:23am  
Duration of Shutdown/Malfunction: 10 min

Reason for Shutdown/Malfunction:  
 Air-Compressor System     Blower     High Gas Flow  
 High Temperature     LEL     Low Gas Flow  
 Low Temperature     UV Scanner System  
 Power Failure     Scheduled Preventive Maintenance

checking Louvers on flares

Signature [Signature] Date 4-13-22

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running yes /  no

Control Room Bypass yes /  no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.  yes /  no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.  yes /  no

Comments and/or Description of Malfunction and Affected Equipment:  
 \_\_\_\_\_  
 \_\_\_\_\_

Emission Exceedence: yes\* /  no

SSM Plan Procedures Followed:  yes  no\*

If SSM Plan Procedure **not** followed, explain procedure used:  
 \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes /  no

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date April 28<sup>th</sup> 2022  
s m t w th f s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 5:33am Departure Time 6:18am  
GEM# EM001M #4 Manometer  yes  no

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>43.3</u> | <u>32.6</u> | <u>2.4</u> |

| Flare Operation | Temp.       | Vac.        | SCFM       |
|-----------------|-------------|-------------|------------|
| Flare #1        | <u>1627</u> | <u>236"</u> | <u>121</u> |
| Flare #2        | <u>1626</u> | <u>219"</u> | <u>248</u> |
| Flare #3        | <u>/</u>    | <u>/</u>    | <u>/</u>   |

| Blower Oper. | RPM         | Hours          |
|--------------|-------------|----------------|
| Blower #1    | <u>/</u>    | <u>/</u>       |
| Blower #2    | <u>2100</u> | <u>6:22:15</u> |
| Blower #3    | <u>/</u>    | <u>/</u>       |

Air Compressor Hours: 8896.7  
Google SCFM: am: 40 pm: /

| LFG at Inlets | 6A NE         | Vista         | F9 / B9       |
|---------------|---------------|---------------|---------------|
| CH4 %         | <u>44.7</u>   | <u>43.2</u>   | <u>39.8</u>   |
| CO2 %         | <u>33.5</u>   | <u>31.7</u>   | <u>27.8</u>   |
| O2 %          | <u>1.7</u>    | <u>1.2</u>    | <u>5.3</u>    |
| Vacuum        | <u>-41.0"</u> | <u>-40.0"</u> | <u>-40.8"</u> |
| SCFM          | <u>212</u>    | <u>154</u>    | <u>116</u>    |
| Temperature   | <u>64</u>     | <u>65</u>     | <u>63</u>     |

Time of Shutdown: 5:45am  
Time of Start-Up: 6:14pm  
Duration of Shutdown/Malfunction: 29min

Reason for Shutdown/Malfunction:  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

Switch From Pumps #2 to Pumps #3

Signature [Signature] Date 4/28/22

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running \_\_\_\_\_ yes /  no

Control Room Bypass \_\_\_\_\_ yes /  no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.  yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.  yes / no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Emission Exceedence: \_\_\_\_\_ yes\* /  no

SSM Plan Procedures Followed: \_\_\_\_\_  yes / no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes /  no

SSM PLAN REPORT FORM /  
 FLARE STATION DAILY CHECKLIST  
 City of Mountain View Flare Station

Date May 2<sup>nd</sup>, 2022  
 s m t w th f s

AM MONITORING

Name Jason R. Bean  
 Arrival Time 5:56am Departure Time 6:49am  
 GEM# ENVISION #4 Manometer  yes  no

PM MONITORING

Name \_\_\_\_\_  
 Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
 GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 42.9  | 31.4  | 2.4  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1624  | 1.71" | 93   |
| Flare #2        | /     | /     | /    |
| Flare #3        | 1620  | 1.04" | 291  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | /    | /       |
| Blower #2    | 2100 | 62718.1 |
| Blower #3    | /    | /       |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8927.9  
 Google SCFM: am: 44 pm: \_\_\_\_\_

Back Up Generator Running  yes  no  
 Control Room Bypass  yes  no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 44.6   | 43.5   | 39.5    |
| CO2 %         | 33.8   | 31.7   | 27.6    |
| O2 %          | 1.7    | 1.0    | 5.4     |
| Vacuum        | -41.7" | -40.9" | -41.6"  |
| SCFM          | 202    | 154    | 133     |
| Temperature   | 64     | 65     | 63      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.  yes  no

Time of Shutdown: 9:09am  
 Time of Start-Up: 9:18am  
 Duration of ~~Shutdown~~/Malfunction: 9min

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Reason for ~~Shutdown~~/Malfunction:  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

Emission Exceedence:  yes\*  no\*  
 SSM Plan Procedures Followed:  yes  no\*  
 If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

Switch Flares.

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Signature Jason R. Bean Date 5/2/22

Are any comments, descriptions, other information, etc. continued on the back side?  yes  no



**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date May 28<sup>th</sup>, 2022  
s m t w t h f s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 8:08 pm Departure Time 8:45 pm  
GEM# ENUSON #4 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 45.3  | 31.9  | 1.9  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1613  | 19.8" | 95   |
| Flare #2        | /     | /     | /    |
| Flare #3        | 1604  | 1.23" | 309  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | /    | /       |
| Blower #2    | /    | /       |
| Blower #3    | 2100 | 28945.7 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 9127.9  
Google SCFM: am: 37 pm: \_\_\_\_\_

Back Up Generator Running yes /  no  
Control Room Bypass yes /  no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 45.2   | 44.0   | 44.7    |
| CO2 %         | 33.5   | 32.0   | 30.2    |
| O2 %          | 1.1    | 1.0    | 3.6     |
| Vacuum        | -41.0" | -40.2" | -40.7"  |
| SCFM          | 170    | 149    | 138     |
| Temperature   | 70     | 71     | 70      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.  yes /  no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: 6:30pm  
Time of Start-Up: 8:30pm  
Duration of ~~Shutdown~~ Malfunction: 2 hrs  
Reason for ~~Shutdown~~ Malfunction: \_\_\_\_\_

- Air-Compressor System     Blower     High Gas Flow
- High Temperature     LEL     Low Gas Flow
- Low Temperature     UV Scanner System
- Power Failure     Scheduled Preventive Maintenance

Emission Exceedence: yes\* /  no  
SSM Plan Procedures Followed:  yes /  no\*

If SSM Plan Procedure not followed, explain procedure used: \_\_\_\_\_

Sump out @ Flare Station

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Signature Jason R. Bean Date 5/28/22

Are any comments, descriptions, other information, etc. continued on the back side? yes /  no

SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST  
City of Mountain View Flare Station

Date June 7<sup>th</sup>, 2022  
s m t w th f s

AM MONITORING

Name Jason R. Bean  
Arrival Time 6:28am Departure Time 6:39am  
GEM# EMULSION #4 Manometer  yes  no

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>44.0</u> | <u>31.4</u> | <u>2.2</u> |

| Flare Operation | Temp.           | Vac.            | SCFM            |
|-----------------|-----------------|-----------------|-----------------|
| Flare #1        | <del>    </del> | <del>    </del> | <del>    </del> |
| Flare #2        | <del>    </del> | <del>    </del> | <del>    </del> |
| Flare #3        | <u>1634</u>     | <u>1.95"</u>    | <u>388</u>      |

| Blower Oper. | RPM             | Hours           |
|--------------|-----------------|-----------------|
| Blower #1    | <del>    </del> | <del>    </del> |
| Blower #2    | <del>    </del> | <del>    </del> |
| Blower #3    | <u>2100</u>     | <u>291720</u>   |

Air Compressor Hours: 9202.9  
Google SCFM: am: 41 pm:

| LFG at Inlets | 6A NE         | Vista         | F9 / B9       |
|---------------|---------------|---------------|---------------|
| CH4 %         | <u>46.4</u>   | <u>44.6</u>   | <u>41.2</u>   |
| CO2 %         | <u>33.3</u>   | <u>32.3</u>   | <u>28.6</u>   |
| O2 %          | <u>1.3</u>    | <u>0.8</u>    | <u>4.3</u>    |
| Vacuum        | <u>-40.6"</u> | <u>-39.8"</u> | <u>-40.5"</u> |
| SCFM          | <u>163</u>    | <u>149</u>    | <u>120</u>    |
| Temperature   | <u>70</u>     | <u>72</u>     | <u>68</u>     |

|                                          | #1            | #2              |
|------------------------------------------|---------------|-----------------|
| Time of Shutdown:                        | <u>4:58am</u> | <u>7:45am</u>   |
| Time of Start-Up:                        | <u>5:07am</u> | <u>9:53am</u>   |
| Duration of <u>Shutdown</u> Malfunction: | <u>9min</u>   | <u>2hr 8min</u> |
| Reason for <u>Shutdown</u> Malfunction:  |               |                 |

- Air-Compressor System
- Blower
- High Gas Flow
- High Temperature
- LEL
- Low Gas Flow
- Low Temperature
- UV Scanner System
- Power Failure
- Scheduled Preventive Maintenance

#1 Bloom High flow  
#2 Tekstar Replaced YOKOGAWA

PM MONITORING

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running  yes  no

Control Room Bypass  yes  no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.  yes  no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.  yes  no

Comments and/or Description of Malfunction and Affected Equipment:

Emission Exceedence:  yes\*  no

SSM Plan Procedures Followed:  yes  no\*

If SSM Plan Procedure not followed, explain procedure used:

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side?  yes  no

Signature [Signature] Date 6/7/22

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 6-13-22  
s m t w th f s

**AM MONITORING**

Name LEON RUSAR 30  
Arrival Time 6:26 Am Departure Time 6:41 Am  
GFM# FWV # 4 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GFM# \_\_\_\_\_ Manometer  yes /  no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 43.0  | 31.4  | 2.3  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1623  | 1.41" | 85   |
| Flare #2        | /     | /     | /    |
| Flare #3        | 1625  | 0.82" | 257  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | /    | /       |
| Blower #2    | /    | /       |
| Blower #3    | 2100 | 29313.7 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 9251.5  
Google SCFM: am: 42 pm: \_\_\_\_\_

Back Up Generator Running  yes /  no

Control Room Bypass  yes /  no

| LFG at Inlets | 6A NE  | Vista | F9 / B9 |
|---------------|--------|-------|---------|
| CH4 %         | 45.8   | 43.7  | 38.3    |
| CO2 %         | 33.1   | 31.7  | 27.1    |
| O2 %          | 1.5    | 0.8   | 9.9     |
| Vacuum        | -41.6" | -40.7 | -41.4   |
| SCFM          | 164    | 152   | 128     |
| Temperature   | 72     | 73    | 69      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed, isolating all LFG in the piping system to avoid excess emissions, and notified the staff.  yes /  no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.  yes /  no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: 7:05 Am  
Time of Start-Up: 10:02 Am  
Duration of Shutdown/Malfunction: 2hrs 57min

Reason for Shutdown/Malfunction:  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

Emission Exceedence:  yes\* /  no

SSM Plan Procedures Followed:  yes /  no\*

If SSM Plan Procedure not followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Change Out Honeywell #1 (Telestar)

Are any comments, descriptions, other information, etc. continued on the back side?  yes /  no

[Signature] 6/13/22  
Signature Date



**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 6/23/22  
s m t w (th) f s

**AM MONITORING**

Name LEON ROSASCO

Arrival Time 5am Departure Time 7:20am

GEM# ENV #4 Manometer  yes  no

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>44.0</u> | <u>31.5</u> | <u>2.1</u> |

| Flare Operation | Temp.       | Vac.         | SCFM       |
|-----------------|-------------|--------------|------------|
| Flare #1        | <u>1625</u> | <u>3.13"</u> | <u>122</u> |
| Flare #2        | <u>1613</u> | <u>2.36"</u> | <u>243</u> |
| Flare #3        | /           | /            | /          |

| Blower Oper. | RPM         | Hours          |
|--------------|-------------|----------------|
| Blower #1    | /           | /              |
| Blower #2    | /           | /              |
| Blower #3    | <u>2100</u> | <u>29551.5</u> |

Air Compressor Hours: 9338.0

Google SCFM: am: 49 pm:

| LFG at Inlets | 6A NE         | Vista         | F9 / B9       |
|---------------|---------------|---------------|---------------|
| CH4 %         | <u>45.9</u>   | <u>44.9</u>   | <u>44.5</u>   |
| CO2 %         | <u>39.5</u>   | <u>32.2</u>   | <u>28.6</u>   |
| O2 %          | <u>1.5</u>    | <u>0.6</u>    | <u>4.6</u>    |
| Vacuum        | <u>-39.9"</u> | <u>-39.0"</u> | <u>-39.6"</u> |
| SCFM          | <u>158</u>    | <u>145</u>    | <u>130</u>    |
| Temperature   | <u>74</u>     | <u>74</u>     | <u>72</u>     |

Time of Shutdown: 5:17am  
Time of Start-Up: 5:42am  
Duration of Shutdown/Malfunction: 25min

Reason for Shutdown/Malfunction: Low header flow

Air-Compressor System     Blower     High Gas Flow  
 High Temperature     LEL     Low Gas Flow  
 Low Temperature     UV Scanner System  
 Power Failure     Scheduled Preventive Maintenance

Pump in Sump behind flare was blowing off.

Signature [Signature] Date 6/23/22

**PM MONITORING**

Name \_\_\_\_\_

Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_

GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running \_\_\_\_\_ yes /  no

Control Room Bypass \_\_\_\_\_ yes /  no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.  yes /  no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.  yes /  no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Emission Exceedence: \_\_\_\_\_ yes\* /  no

SSM Plan Procedures Followed: \_\_\_\_\_  yes /  no\*

If SSM Plan Procedure not followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes /  no

## SECTION IV

### QUARTERLY LANDFILL GAS EMISSION MONITORING

- LANDFILL SURFACE SWEEP
- COMPONENT CHECK

**CITY OF MOUNTAIN VIEW  
SHORELINE LANDFILL, FACILITY ID A2740  
QUARTERLY LANDFILL SURFACE SWEEP  
January 1 - June 30, 2022**

| Date      | Field Name*      | Leaks Detected Above Regulatory Limit |
|-----------|------------------|---------------------------------------|
| 1/20/2022 | Vista            | No                                    |
| 1/26/2022 | Back Nine (four) | No                                    |
| 1/26/2022 | Back Nine (five) | No                                    |
| 2/15/2022 | 6A Northeast     | No                                    |
| 2/16/2022 | Front Nine       | No                                    |
| 3/10/2022 | Crittenden       | No                                    |
| 3/10/2022 | North Shore      | No                                    |
| 4/28/2022 | Back Nine (four) | No                                    |
| 4/28/2022 | Back Nine (five) | No                                    |
| 4/28/2022 | Vista            | No                                    |
| 5/18/2022 | 6A Northeast     | No                                    |
| 5/18/2022 | Front Nine       | No                                    |
| 6/10/2022 | Crittenden       | No                                    |
| 6/10/2022 | North Shore      | No                                    |

\* Monitoring records are attached

# VISTA - COMPLETE SYSTEM MAP

04/30/2018



JAN 28 2022  
ENGR. & ENVIRONMENTAL  
COMPLIANCE DIVISION

SURFACE SWEEP   
  CAP INSPECTION   
 100' GRID   
 YES  NO  LEAKS DETECTED OR FOUND

- MPH WIND SPEED
- PPM GAS READING
- % CH4 GAS READING
- LOW AREA
- CRACK
- ODOR
- STANDING WATER

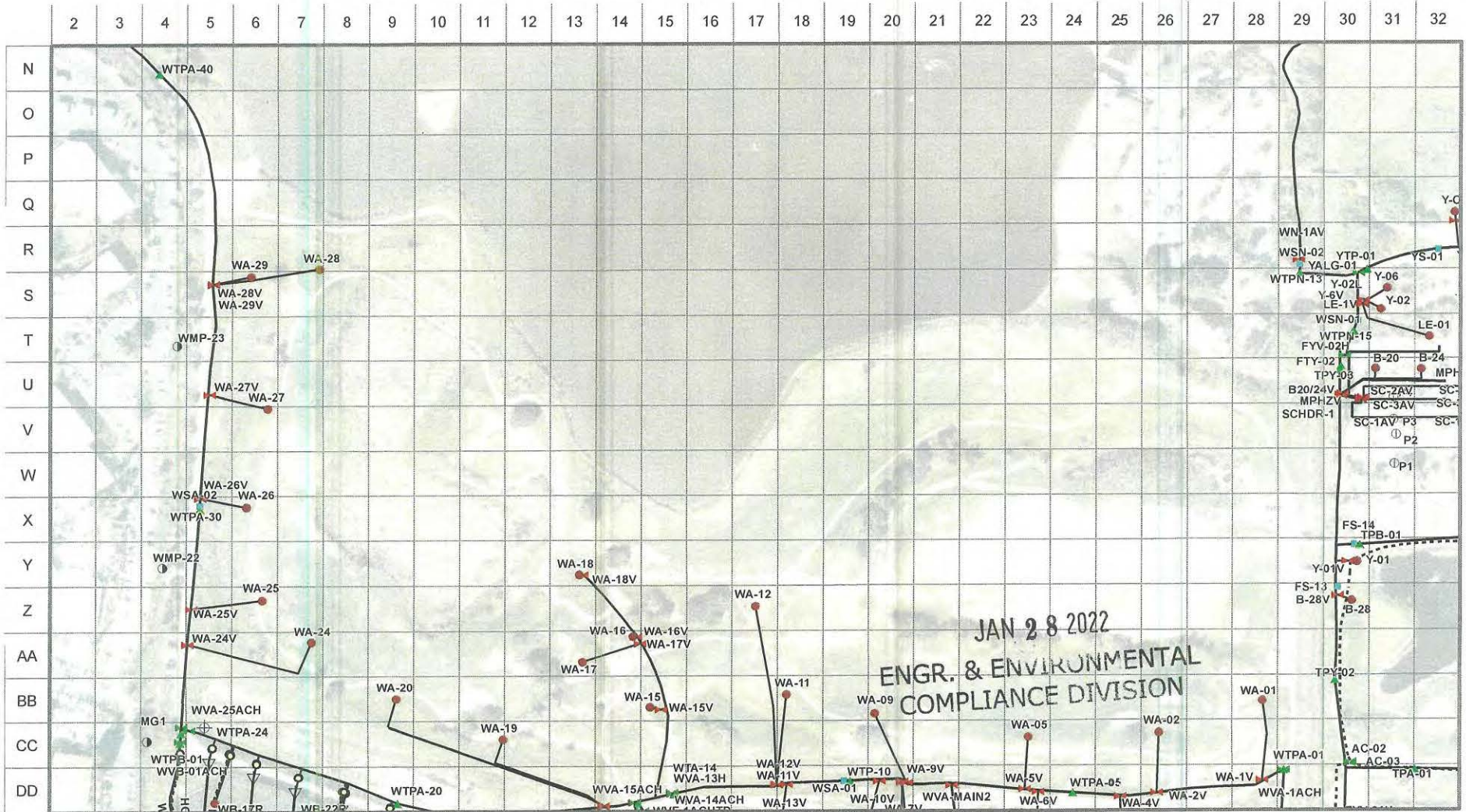
|                    |                                          |              |     |               |      |
|--------------------|------------------------------------------|--------------|-----|---------------|------|
| Inspection Date :  | 1/20/22                                  | Start Time : | 8am | Finish Time : | 11am |
| Weather            | Clear                                    |              |     |               |      |
| Instrument(s) Used | TVA, GATOR                               |              |     |               |      |
| Inspector(s)       | LEON ROSARIO                             |              |     |               |      |
| Comments           | No Leaks detected above regulatory limit |              |     |               |      |

Map Scale: 1" = 300'  
0 62.5 125 250 Feet



# BACK NINE (FOUR) - COMPLETE SYSTEM MAP

04/30/2018



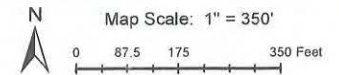
SURFACE SWEEP     CAP INSPECTION    100' GRID    YES  NO  LEAKS DETECTED OR FOUND

3 MPH WIND SPEED  
2.1 PPM GAS READING  
— % CH4 GAS READING

⊖=LOW AREA    ⊙=CRACK  
⊙=ODOR    ⊕=STANDING WATER

|                    |                                         |              |         |               |      |
|--------------------|-----------------------------------------|--------------|---------|---------------|------|
| Inspection Date :  | 1/26/22                                 | Start Time : | 7:30 AM | Finish Time : | 1 pm |
| Weather            | Clear                                   |              |         |               |      |
| Instrument(s) Used | TVA, GAUGE                              |              |         |               |      |
| Inspector(s)       | Leon ROSARE                             |              |         |               |      |
| Comments           | No Leaks detected over regulatory limit |              |         |               |      |

- ◆ CONDENSATE PUMP STATION
- ◇ CONNECTION POINT
- ⌋ END CAP
- ▽ HC TRANSITION
- ▽ HEADERVALVE
- ▽ LFGLATERALVALVE
- LFGWELL
- ⊕ PIEZOMETER
- ⊖ PROBES\_INSIDE
- ⊙ PROBES\_OUTSIDE
- ⊙ PROBES\_REGULATORY
- SUMP
- ▲ TESTPORT
- VALVE
- VENTTRENCHBOXES
- VENTTRENCHSUMP
- AIR\_CONDENSEN\_LINES
- HEADER
- HEADER\_10\_01\_SHP
- HORIZONTAL HEADER
- LFGLATERALS
- PROPERTY\_BOUND
- VENTTRENCHBOXES

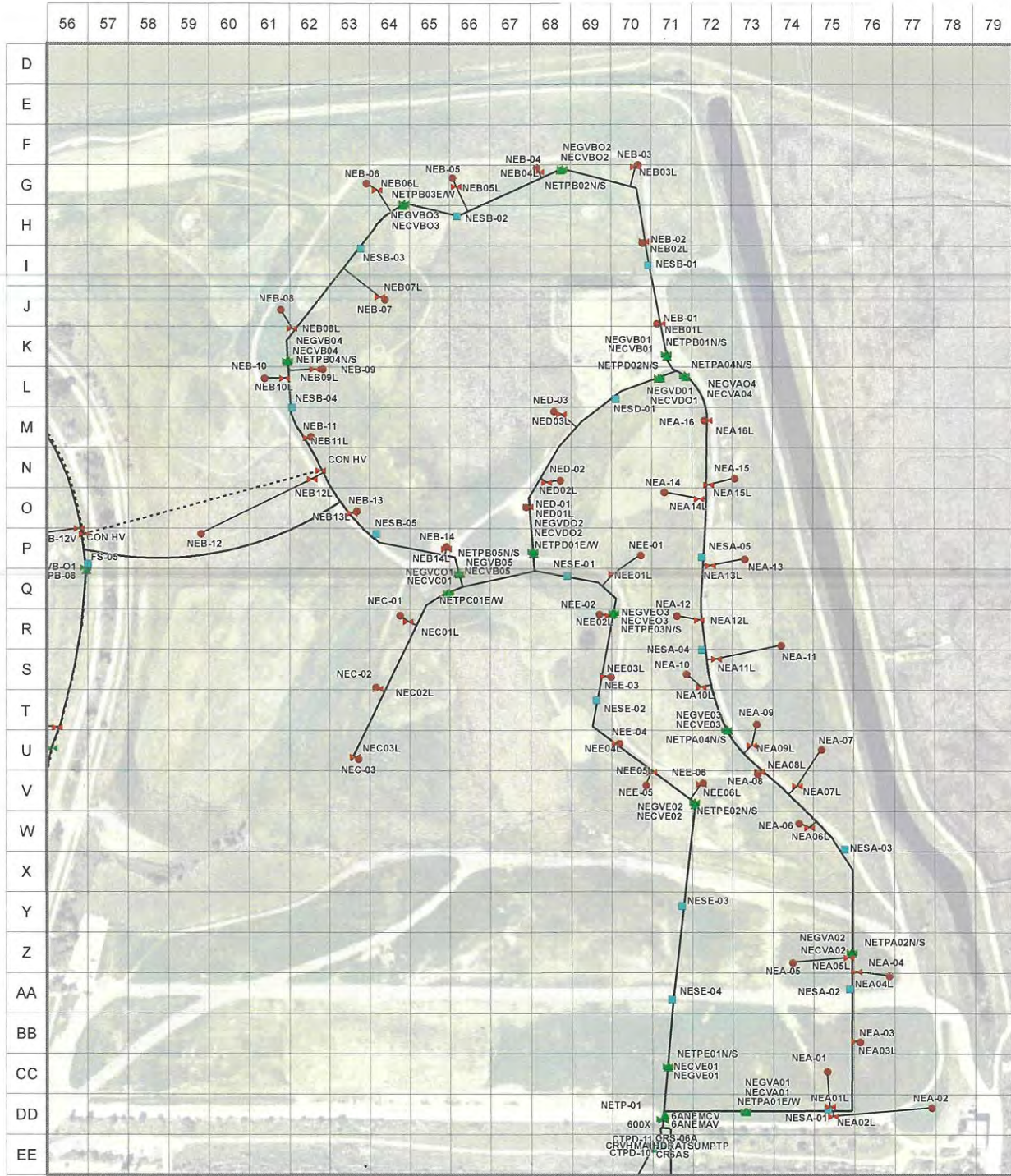


510 GASTRO STREET MOUNTAIN VIEW, CA 94039  
For information only. This City of Mountain View does not warrant the accuracy of the information contained herein. 04/30/2018



# 6A NORTHEAST - COMPLETE SYSTEM MAP

04/30/2018



SURFACE SWEEP    
  CAP INSPECTION    
 100' GRID    
 YES  NO  LEAKS DETECTED OR FOUND

Legend:
 

- CONDENSATE PUMP STATION (square with cross)
- CONNECTION POINT (diamond)
- END CAP (bracket)
- HC TRANSITION (inverted triangle)
- HEADERVEALVE (valve symbol)
- LFGLATERALVALVE (valve symbol)
- LFGWELL (circle with dot)
- PIEZOMETER (+)
- PROBES\_INSIDE (circle with dot)
- PROBES\_OUTSIDE (circle with dot)
- PROBES\_REGULATORY (circle with cross)
- SUMP (circle with cross)
- TESTPORT (square with cross)
- VENTTRENCHBOXES (circle)
- VENTTRENCHSUMP (circle with cross)
- AIR\_CONDEN\_LINES (dashed line)
- LFGLATERALS (solid line)
- HEADER (solid line)
- HEADER\_10\_01\_SHP (solid line)
- HORIZONTAL HEADER (solid line)
- PROPERTY\_BOUND (dashed line)
- VENTTRENCHBOXES (dashed line)

Map Scale: 1" = 375'

0 90 180 375 Feet

- MPH WIND SPEED
- PPM GAS READING
- % CH4 GAS READING
- ⊖=LOW AREA    ⊙=CRACK
- ⊙=ODOR        ⊖=STANDING WATER

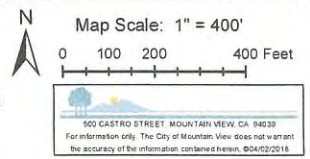
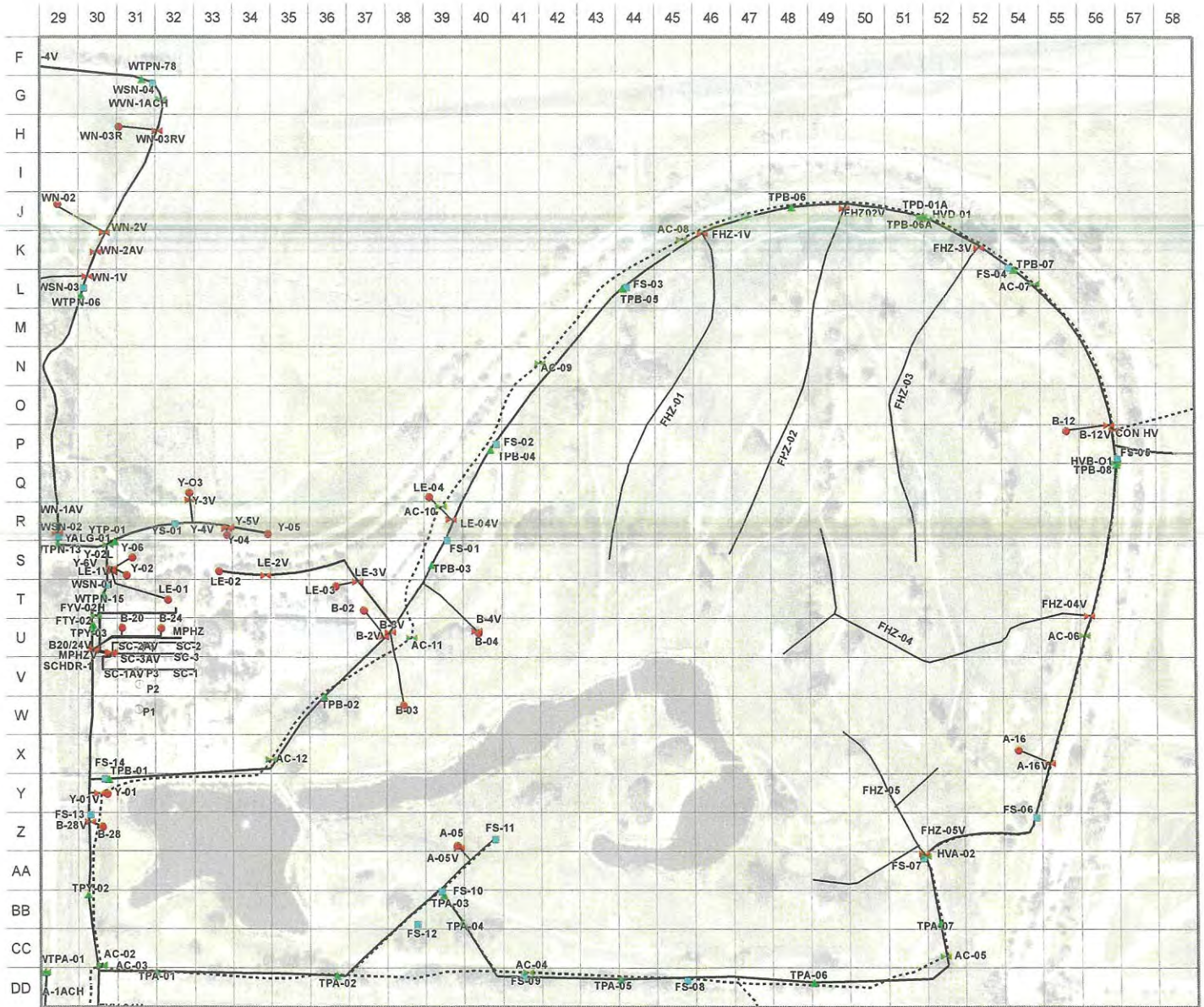
|                    |                                            |              |         |              |        |
|--------------------|--------------------------------------------|--------------|---------|--------------|--------|
| Inspection Date :  | 2-15-22                                    | Start Time : | 12:30pm | Finish Time: | 2:30pm |
| Weather            | CLEAR                                      |              |         |              |        |
| Instrument(s) Used | TVA                                        |              |         |              |        |
| Inspector(s)       | RAUL BANDA                                 |              |         |              |        |
| Comments           | NO LEAKS DETECTED ABOVE REGULATORY LIMITS- |              |         |              |        |

FEB 28 2022  
**ENGR. & ENVIRONMENTAL COMPLIANCE DIVISION**

500 CASTRO STREET MOUNTAIN VIEW, CA 94039  
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# FRONT NINE - COMPLETE SYSTEM MAP

04/30/2018



- CONDENSATE PUMP STATION
- HEADERVEALVE
- PROBES\_INSIDE
- VALVE
- AIR\_CONDEN\_LINES
- LFGLATERALS
- CONNECTION POINT
- LFGLATERALVALVE
- PROBES\_OUTSIDE
- VENTTRENCHBOXES
- HEADER
- PROPERTY\_BOUND
- END CAP
- LFGWELL
- PROBES\_REGULATORY
- VENTTRENCHSUMP
- HEADER\_10\_01\_SHP
- VENTTRENCHBOXES
- HC TRANSITION
- PIEZOMETER
- SUMP
- HORIZONTAL HEADER
- TESTPORT

SURFACE SWEEP    
  CAP INSPECTION    
 100' GRID    
 YES  NO  LEAKS DETECTED OR FOUND

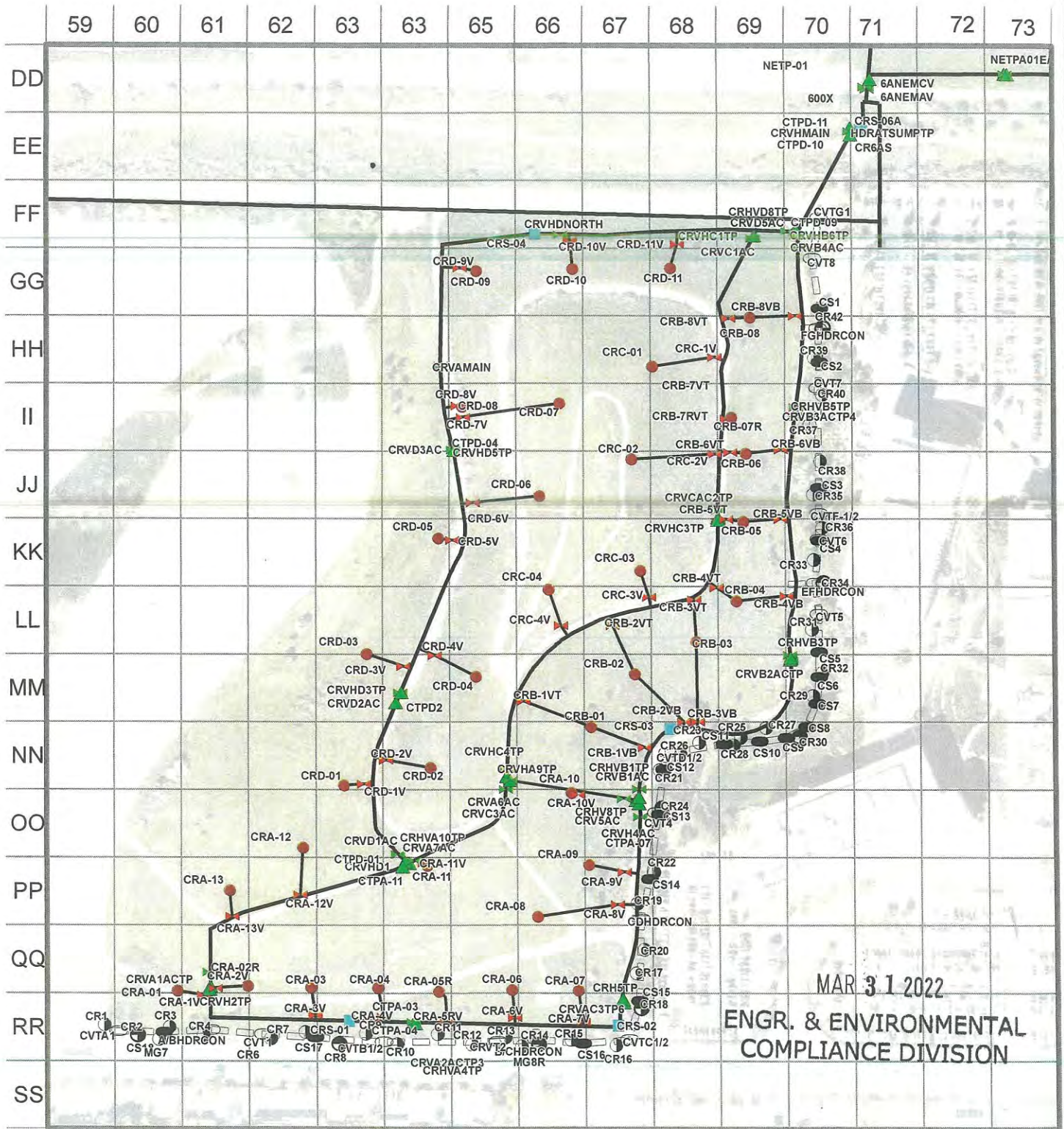
\_\_\_\_\_ MPH WIND SPEED  
 \_\_\_\_\_ PPM GAS READING  
 \_\_\_\_\_ % CH4 GAS READING  
 (L)=LOW AREA    (C)=CRACK  
 (O)=ODOR        (W)=STANDING WATER

|                           |  |                                                      |  |                       |  |
|---------------------------|--|------------------------------------------------------|--|-----------------------|--|
| Inspection Date : 2-16-22 |  | Start Time : 8:30 AM                                 |  | Finish Time: 10:45 AM |  |
| Weather                   |  | CLEAR                                                |  |                       |  |
| Instrument(s) Used        |  | TVA                                                  |  |                       |  |
| Inspector(s)              |  | RAUL BAN DA                                          |  |                       |  |
| Comments                  |  | NO LEAKS DETECTED ABOVE REGULATORY LIMITS -          |  |                       |  |
|                           |  | <b>FEB 28 2022</b>                                   |  |                       |  |
|                           |  | <b>ENGR. &amp; ENVIRONMENTAL COMPLIANCE DIVISION</b> |  |                       |  |



# CRITTENDEN - COMPLETE SYSTEM MAP

04/30/2018



MAR 31 2022  
ENGR. & ENVIRONMENTAL  
COMPLIANCE DIVISION

SURFACE SWEEP     CAP INSPECTION    100' GRID    YES  NO  LEAKS DETECTED OR FOUND

— MPH WIND SPEED  
— PPM GAS READING  
— % CH4 GAS READING  
⊙=LOW AREA    ⊙=CRACK  
⊙=ODOR    ⊙=STANDING WATER

|                    |                                            |              |         |               |          |
|--------------------|--------------------------------------------|--------------|---------|---------------|----------|
| Inspection Date :  | 3-10-22                                    | Start Time : | 9:30 AM | Finish Time : | 11:00 AM |
| Weather            | CLEAR                                      |              |         |               |          |
| Instrument(s) Used | TVA                                        |              |         |               |          |
| Inspector(s)       | RAUL SANDA                                 |              |         |               |          |
| Comments           | NO LEAKS DETECTED ABOVE REGULATORY LIMITS- |              |         |               |          |

Map Scale: 1" = 200

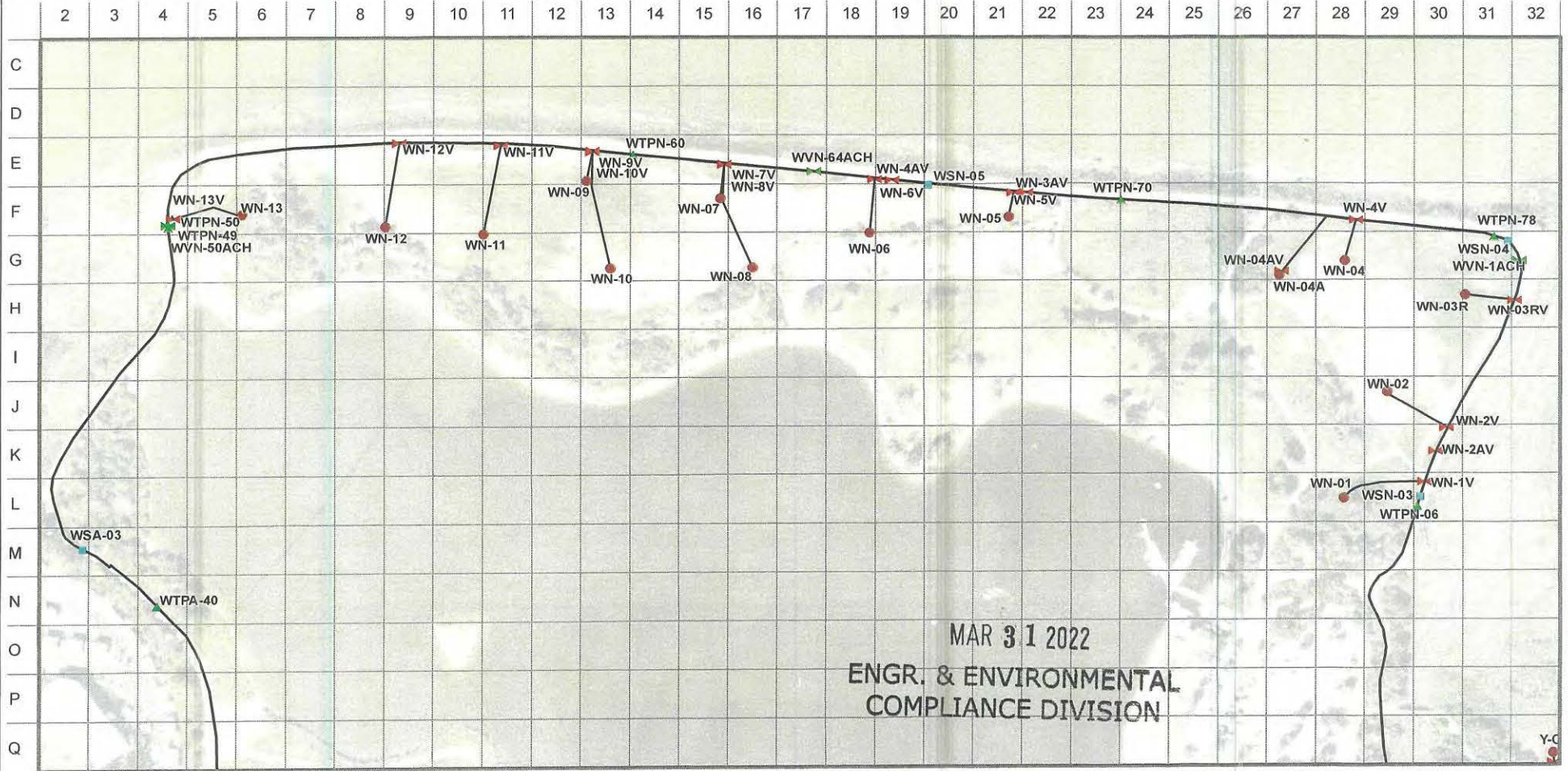
0 50 100 200 Feet

- CONDENSATE PUMP STATION
- CONNECTION POINT
- END CAP
- HC TRANSITION
- HEADER VALVE
- LFGLATERAL VALVE
- LFGLWELL
- PIEZOMETER
- PROBES\_INSIDE
- PROBES\_OUTSIDE
- PROBES\_REGULATORY
- SUMP
- TESTPORT
- VALVE
- VENT TRENCHBOXES
- VENT TRENCHSUMP
- AIR\_CONDENSE\_LINES
- HEADER
- HEADER\_10\_01\_SHP
- HORIZONTAL HEADER
- LFGLATERALS
- PROPERTY\_BOUND
- VENT TRENCHBOXES

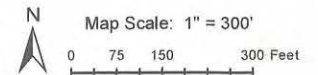
325 CASTRO STREET, MOUNTAIN VIEW, CA 94039  
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# NORTH SHORE - COMPLETE SYSTEM MAP

04/30/2018



MAR 31 2022  
ENGR. & ENVIRONMENTAL  
COMPLIANCE DIVISION



SURFACE SWEEP     CAP INSPECTION    100' GRID    YES  NO  LEAKS DETECTED OR FOUND

— MPH WIND SPEED  
— PPM GAS READING  
— % CH4 GAS READING

Ⓛ=LOW AREA    Ⓢ=CRACK  
Ⓞ=ODOR    Ⓜ=STANDING WATER

|                    |                                           |              |         |              |         |
|--------------------|-------------------------------------------|--------------|---------|--------------|---------|
| Inspection Date :  | 3-10-22                                   | Start Time : | 1:25 PM | Finish Time: | 2:40 PM |
| Weather            | CLEAR                                     |              |         |              |         |
| Instrument(s) Used | TVA                                       |              |         |              |         |
| Inspector(s)       | RAUL DANOA                                |              |         |              |         |
| Comments           | NO LEAKS DETECTED ABOVE REGULATORY LIMITS |              |         |              |         |

- CONDENSATE PUMP STATION
- CONNECTION POINT
- END CAP
- HC TRANSITION
- HEADERVE
- LFGLATERALVALVE
- LFGWELL
- PIEZOMETER
- PROBES\_OUTSIDE
- PROBES\_REGULATORY
- SUMP
- TESTPORT
- VALVE
- VENTTRENCHBOXES
- VENTTRENCHSUMP
- AIR\_CONDEN\_LINES
- HEADER
- HEADER\_10\_01\_SHP
- HORIZONTAL HEADER
- LFGLATERALS
- PROPERTY\_BOUND
- VENTTRENCHBOXES





# VISTA - COMPLETE SYSTEM MAP

04/30/2018

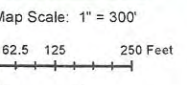


CONDENSATE PUMP STATION     HC TRANSITION     LF/LATERAL VALVE     PROBES\_INSIDE     SUMP     VENT/TRENCH BOXES     AIR\_CONDEN\_LINES     HORIZONTAL HEADER     VENT/TRENCH BOXES  
 CONNECTION POINT     LF/GWELL     PROBES\_OUTSIDE     TESTPORT     VENT/TRENCH SUMP     HEADER     LF/LATERALS     Map Scale: 1" = 300'  
 END CAP     HEADER VALVE     PIEZOMETER     PROBES\_REGULATORY     VALVE     HEADER\_101\_SHIP     PROPERTY\_BOUND

SURFACE SWEEP     GAP INSPECTION    100' GRID    YES  NO  LEAKS DETECTED OR FOUND

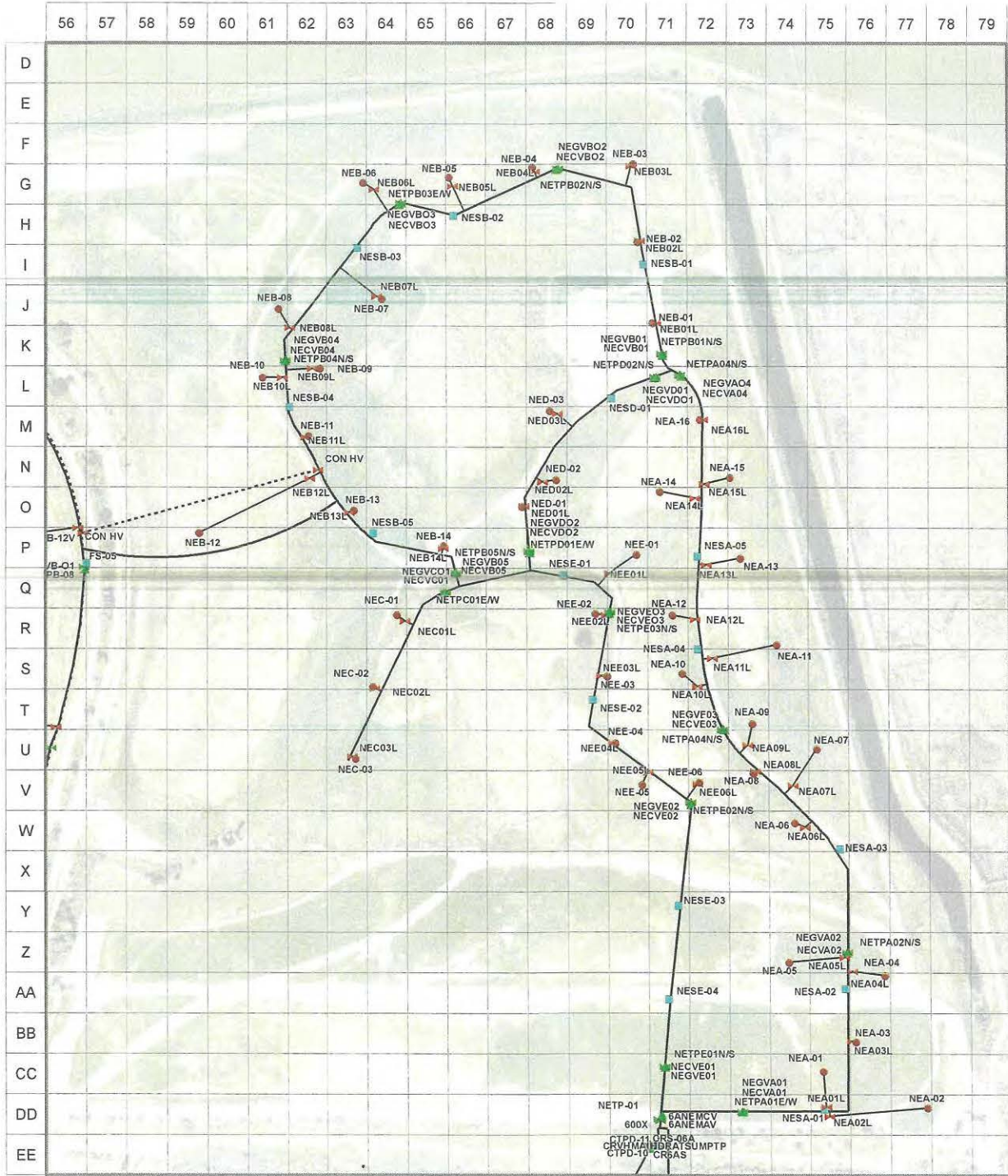
ND MPH WIND SPEED  
 2.9 PPM GAS READING  
 \_\_\_\_\_ % CH4 GAS READING  
 (L)=LOW AREA    (C)=CRACK  
 (O)=ODOR    (W)=STANDING WATER

|                    |               |              |         |               |          |
|--------------------|---------------|--------------|---------|---------------|----------|
| Inspection Date :  | 4/24/22       | Start Time : | 7:00 pm | Finish Time : | 11:00 pm |
| Weather            | Clear         |              |         |               |          |
| Instrument(s) Used | TVA           |              |         |               |          |
| Inspector(s)       | Jason R. Bean |              |         |               |          |
| Comments           |               |              |         |               |          |



# 6A NORTHEAST - COMPLETE SYSTEM MAP

04/30/2018



- CONDENSATE PUMP STATION
- ▽ HC TRANSITION
- LFGWELL
- ⊕ PROBES\_REGULATORY
- VENTTRENCHBOXES
- - - AIR\_CONDEN\_LINES
- LFGLATERALS
- ◆ CONNECTION POINT
- ⊕ HEADERVEALVE
- + PIEZOMETER
- VENTTRENCHSUMP
- PROPERTY\_BOUND
- 0 90 180 375 Feet
- ] END CAP
- ⊕ PROBES\_INSIDE
- ▲ SUMP
- VENTTRENCHBOXES
- MAP SCALE: 1" = 375'
- ⊕ LFG LATERAL VALVE
- ⊕ PROBES\_OUTSIDE
- ⊕ VALVE
- HEADER
- HEADER\_10\_01\_SHP
- VENTTRENCHBOXES
- HORIZONTAL HEADER

SURFACE SWEEP   
  CAP INSPECTION   
 100' GRID   
 YES  NO  LEAKS DETECTED OR FOUND

— MPH WIND SPEED  
 — PPM GAS READING  
 — % CH4 GAS READING  
 ⊕ = LOW AREA    ⊙ = CRACK  
 ⊙ = ODOR        ⊕ = STANDING WATER

Inspection Date : 5-18-22      Start Time : 9:00 AM      Finish Time : 10:30 AM

Weather : CLEAR

Instrument(s) Used : TVA / GATOR      MAY 27 2022

Inspector(s) : RAUL BANDA

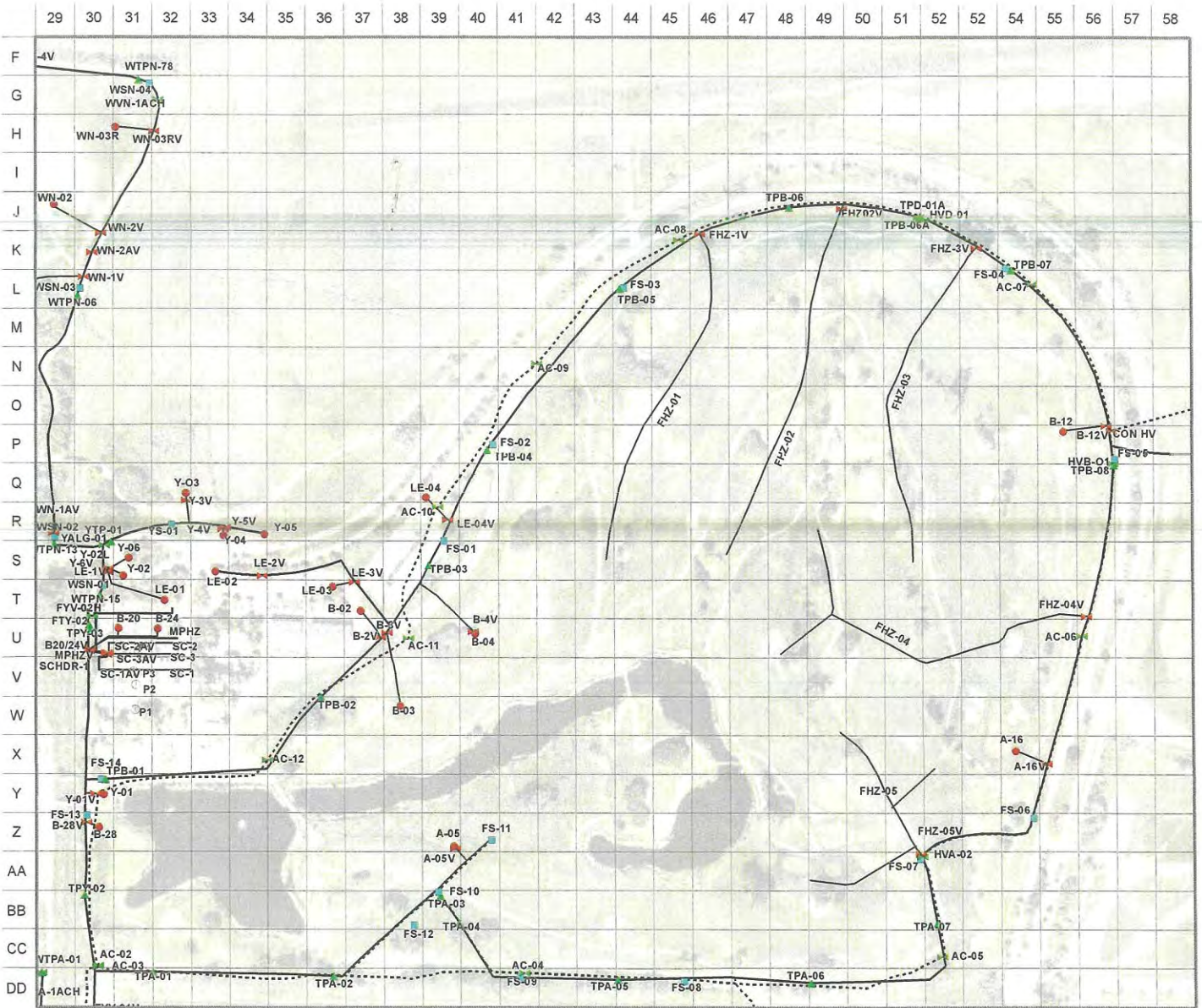
Comments : NO LEAKS DETECTED ABOVE REGULATORY LIMITS

**ENGR. & ENVIRONMENTAL COMPLIANCE DIVISION**

500 EAST 10 STREET, MOUNTAIN VIEW, CA 94039  
 For information only. The City of Mountain View does not warrant the accuracy of the information contained herein. 034622016

# FRONT NINE - COMPLETE SYSTEM MAP

04/30/2018



- CONDENSATE PUMP STATION
- ◇ CONNECTION POINT
- ] END CAP
- ▽ HC TRANSITION
- ◀ HEADERVEALVE
- ▶ LFGLATERALVALVE
- ⊕ LFGWELL
- ⊕ PIEZOMETER
- ⊙ PROBES\_INSIDE
- ⊙ PROBES\_OUTSIDE
- ⊙ PROBES\_REGULATORY
- SUMP
- ▲ TESTPORT
- VALVE
- VENTTRENCHBOXES
- VENTTRENCHSUMP
- AIR\_CONDEN\_LINES
- LFGLATERALS
- HEADER
- HORIZONTAL HEADER
- PROPERTY\_BOUND
- VENTTRENCHBOXES

Map Scale: 1" = 400'

300 CASTRO STREET, MOUNTAIN VIEW, CA 94039  
For information only. The City of Mountain View does not warrant the accuracy of the information contained herein. 05/02/2018

SURFACE SWEEP     CAP INSPECTION    100' GRID    YES  NO  LEAKS DETECTED OR FOUND

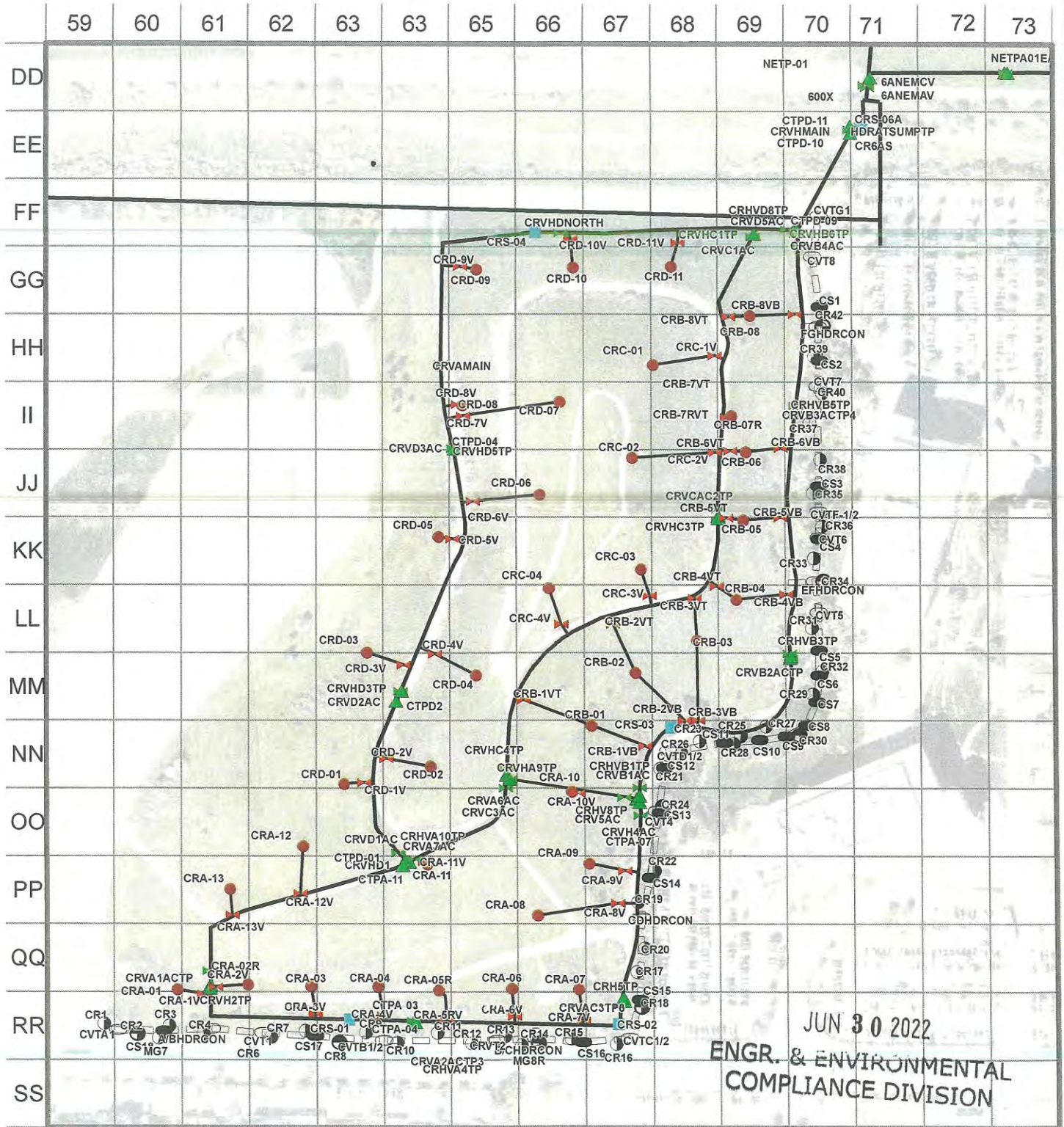
- MPH WIND SPEED
- PPM GAS READING
- % CH4 GAS READING
- Ⓛ=LOW AREA    Ⓞ=CRACK
- Ⓞ=ODOR    Ⓜ=STANDING WATER

|                           |  |                                            |  |                      |  |
|---------------------------|--|--------------------------------------------|--|----------------------|--|
| Inspection Date : 5-18-22 |  | Start Time : 1:20pm                        |  | Finish Time: 3:00 pm |  |
| Weather                   |  | CLEAR                                      |  |                      |  |
| Instrument(s) Used        |  | TVA / GATOR                                |  |                      |  |
| Inspector(s)              |  | RAUL PANDA                                 |  |                      |  |
| Comments                  |  | NO LEAKS DETECTED ABOVE REGULATORY Limits. |  |                      |  |

MAY 27 2022  
ENGR. & ENVIRONMENTAL  
COMPLIANCE DIVISION

# CRITTENDEN - COMPLETE SYSTEM MAP

04/30/2018



|                                                   |                                                            |                            |                                                                                             |
|---------------------------------------------------|------------------------------------------------------------|----------------------------|---------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> SURFACE SWEEP | <input type="checkbox"/> CAP INSPECTION                    | 100' GRID                  | YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> LEAKS DETECTED OR FOUND |
| <u>NO</u> MPH WIND SPEED                          | Inspection Date : <u>6/10/22</u>                           | Start Time : <u>7:00pm</u> | Finish Time : <u>11:40pm</u>                                                                |
| <u>0.8</u> PPM GAS READING                        | Weather : <u>Clear</u>                                     |                            |                                                                                             |
| — % CH4 GAS READING                               | Instrument(s) Used : <u>TUA</u>                            |                            |                                                                                             |
| ○=LOW AREA    ○=CRACK                             | Inspector(s) : <u>Jason R. Bean</u>                        |                            |                                                                                             |
| ○=ODDR    ○=STANDING WATER                        | Comments : <u>NO leaks detected above regulatory limit</u> |                            |                                                                                             |

N

Map Scale: 1" = 200

0 50 100 200 Feet

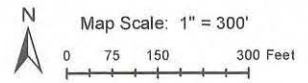
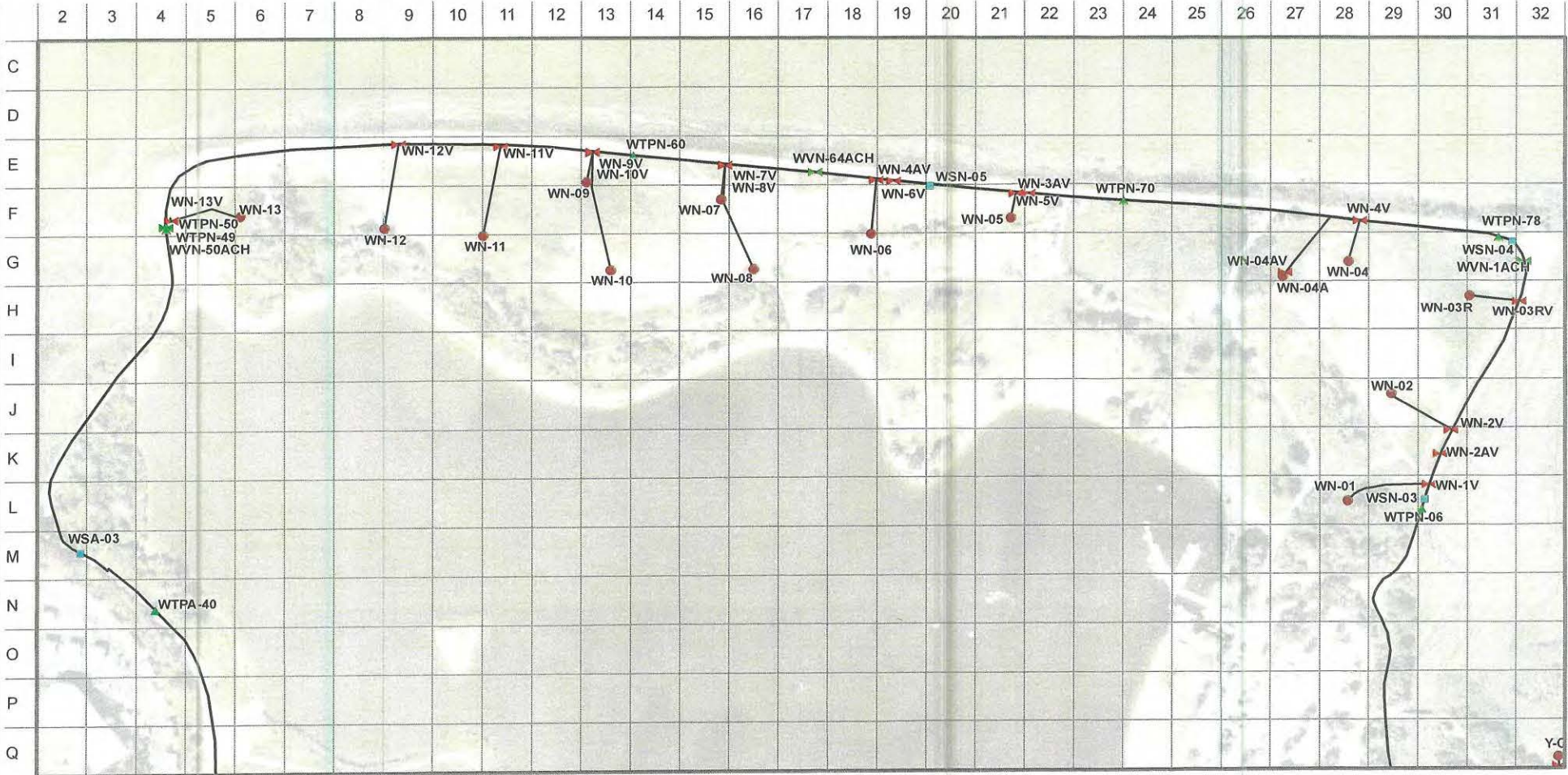
- ◆ CONDENSATE PUMP STATION
- ◇ CONNECTION POINT
- ] END CAP
- ▽ HC TRANSITION
- ▽ HEADERVALVE
- ▽ LFLATERALVALVE
- LFLWELL
- ⊕ PIEZOMETER
- PROBES\_INSIDE
- PROBES\_OUTSIDE
- PROBES\_REGULATORY
- SUMP
- ▲ TESTPORT
- ▽ VALVE
- VENT TRENCHBOXES
- VENT TRENCHSUMP
- AIR\_CONDEN\_LINES
- HEADER
- HEADER\_10\_01\_SHP
- HORIZONTAL\_HEADER
- LFLATERALS
- PROPERTY\_BOUND
- VENT TRENCHBOXES

100 CASTRO STREET, MOUNTAIN VIEW, CA 94039  
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# NORTH SHORE - COMPLETE SYSTEM MAP

04/30/2018



SURFACE SWEEP   
  CAP INSPECTION   
 100' GRID   
 YES  NO  LEAKS DETECTED OR FOUND

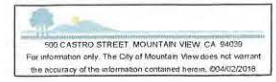
ND MPH WIND SPEED  
 1.2 PPM GAS READING  
 \_\_\_\_\_ % CH4 GAS READING

|                    |                                         |              |     |              |      |
|--------------------|-----------------------------------------|--------------|-----|--------------|------|
| Inspection Date :  | 6/10/22                                 | Start Time : | 7am | Finish Time: | 10am |
| Weather            | clear                                   |              |     |              |      |
| Instrument(s) Used | TVA, GATOR                              |              |     |              |      |
| Inspector(s)       | Lean Rios                               |              |     |              |      |
| Comments           | No leaks detected over Regulatory limit |              |     |              |      |

- CONDENSATE PUMP STATION
- CONNECTION POINT
- END CAP
- HC TRANSITION
- HEADERVALVE
- LFGLATERALVALVE
- LFGWELL
- PIEZOMETER
- PROBES\_INSIDE
- PROBES\_OUTSIDE
- PROBES\_REGULATORY
- SUMP
- TESTPORT
- VALVE
- VENTTRENCHBOXES
- VENTTRENCHSUMP
- AIR\_CONDEN\_LINES
- HEADER
- HEADER\_10\_01\_SHP
- HORIZONTAL HEADER
- LFGLATERALS
- PROPERTY\_BOUND
- VENTTRENCHBOXES

JUN 30 2022

ENGR. & ENVIRONMENTAL  
COMPLIANCE DIVISION



**CITY OF MOUNTAIN VIEW  
SHORELINE LANDFILL, FACILITY ID A2740  
QUARTERLY COMPONENT CHECK  
January 1 - June 30, 2022**

**FLARE STATION COMPONENT CHECK**

| Date      | Location*     | Leaks Detected -<br>Above Regulatory limits |
|-----------|---------------|---------------------------------------------|
| 1/3/2022  | Flare Station | No                                          |
| 4/28/2022 | Flare Station | No                                          |

**MICROTURBINE COMPONENT CHECK**

| Date      | Location*                  | Leaks Detected -<br>Above Regulatory limits |
|-----------|----------------------------|---------------------------------------------|
| 1/3/2022  | Flare Station (S-16)       | No                                          |
| 1/3/2022  | Sewage Pump Station (S-17) | No                                          |
| 4/28/2022 | Flare Station (S-16)       | No                                          |
| 4/28/2022 | Sewage Pump Station (S-17) | No                                          |

**LFG FIELD COMPONENT CHECK**

| Date      | Location*        | Leaks Detected -<br>Above Regulatory limits |
|-----------|------------------|---------------------------------------------|
| 1/20/2022 | Vista            | No                                          |
| 1/26/2022 | Back Nine        | No                                          |
| 2/15/2022 | 6 Acre Northeast | No                                          |
| 2/16/2022 | Front Nine       | No                                          |
| 3/10/2022 | Crittenden       | No                                          |
| 3/10/2022 | North Shore      | No                                          |
| 4/28/2022 | Vista            | No                                          |
| 4/28/2022 | Back Nine        | No                                          |
| 5/18/2022 | Front Nine       | No                                          |
| 6/10/2022 | Crittenden       | No                                          |
| 6/10/2022 | North Shore      | No                                          |

# FLARE STATION COMPONENT LEAK CHECK FORM CITY OF MOUNTAIN VIEW

DATE: 1/3/22

Signature *James R. Be...*

Leak Detected:

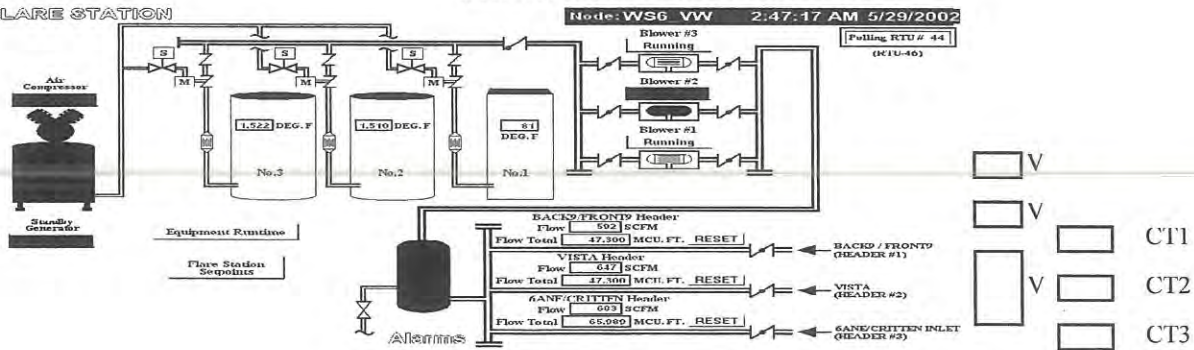
NO       YES      If Yes, Concentration Above Background (ppm) \_\_\_\_\_  
(If form completed in response to landfill gas collection and emissions control system leak, repair must be completed within 7 calendar days, and completed form must be returned to EEC for two-year retention.)

DATE: Identified \_\_\_\_\_ Started \_\_\_\_\_  
Completed \_\_\_\_\_

COMPONENT:

FLARE STATION

OTHER IDENTIFYING INFORMATION



V       V       CT1  
 V       CT2  
 V       CT3

DESCRIPTION/ PROCEDURE FOR THE REPAIR: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 COLLECTION SYSTEM SHUTDOWN: \_\_\_\_\_ **JAN 28 2022**  
 LENGTH OF SHUTDOWN: \_\_\_\_\_ **ENGR. & ENVIRONMENTAL COMPLIANCE DIVISION**

PERSONNEL: \_\_\_\_\_ ATTACHMENT: Map \_\_\_\_\_  
 \_\_\_\_\_ Photograph \_\_\_\_\_  
 \_\_\_\_\_ Other \_\_\_\_\_

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

SULFUR PPM: ND  
 H<sub>2</sub>S PPM: ND

# FLARE STATION COMPONENT LEAK CHECK FORM CITY OF MOUNTAIN VIEW

DATE: 4/28/22

Signature [Signature]

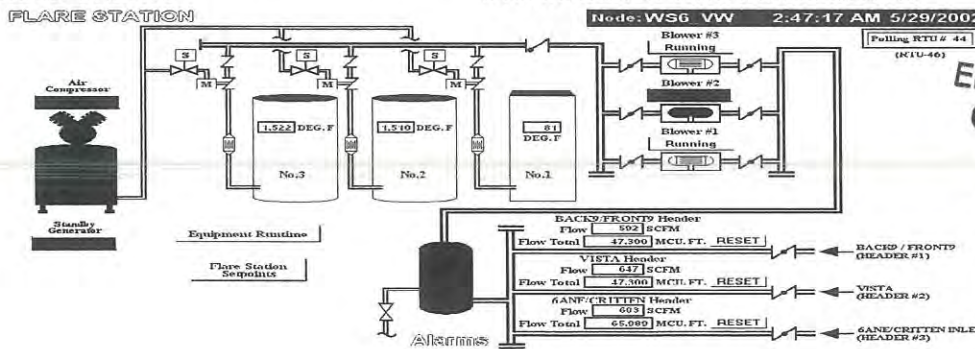
**Leak Detected:**

**NO**       **YES**      If Yes, Concentration Above Background (ppm) \_\_\_\_\_  
(If form completed in response to landfill gas collection and emissions control system leak, repair must be completed within 7 calendar days, and completed form must be returned to EEC for two-year retention.)

DATE: Identified \_\_\_\_\_ Started \_\_\_\_\_  
Completed \_\_\_\_\_

**COMPONENT:**

**OTHER IDENTIFYING INFORMATION**



APR 29 2022  
ENGR. & ENVIRONMENTAL  
COMPLIANCE DIVISION

- V
- V
- V
- CT1
- CT2
- CT3

Time: 12:54:24 PM    Date: 5/29/2002    Alarm Sum:    Alarm Rat:    Print Screen:    Screens Menu

**DESCRIPTION/ PROCEDURE FOR THE REPAIR:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**COLLECTION SYSTEM SHUTDOWN:** \_\_\_\_\_

**LENGTH OF SHUTDOWN:** \_\_\_\_\_

**PERSONNEL:** \_\_\_\_\_ **ATTACHMENT:** Map \_\_\_\_\_  
Photograph \_\_\_\_\_  
Other \_\_\_\_\_

**COMMENTS:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**SULFUR PPM:** \_\_\_\_\_

**H<sub>2</sub>S PPM:** \_\_\_\_\_

CITY OF MOUNTAIN VIEW  
MICROTURBINE COMPONENT LEAK CHECK FORM AT FLARE STATION

DATE: January 3<sup>rd</sup>, 2022

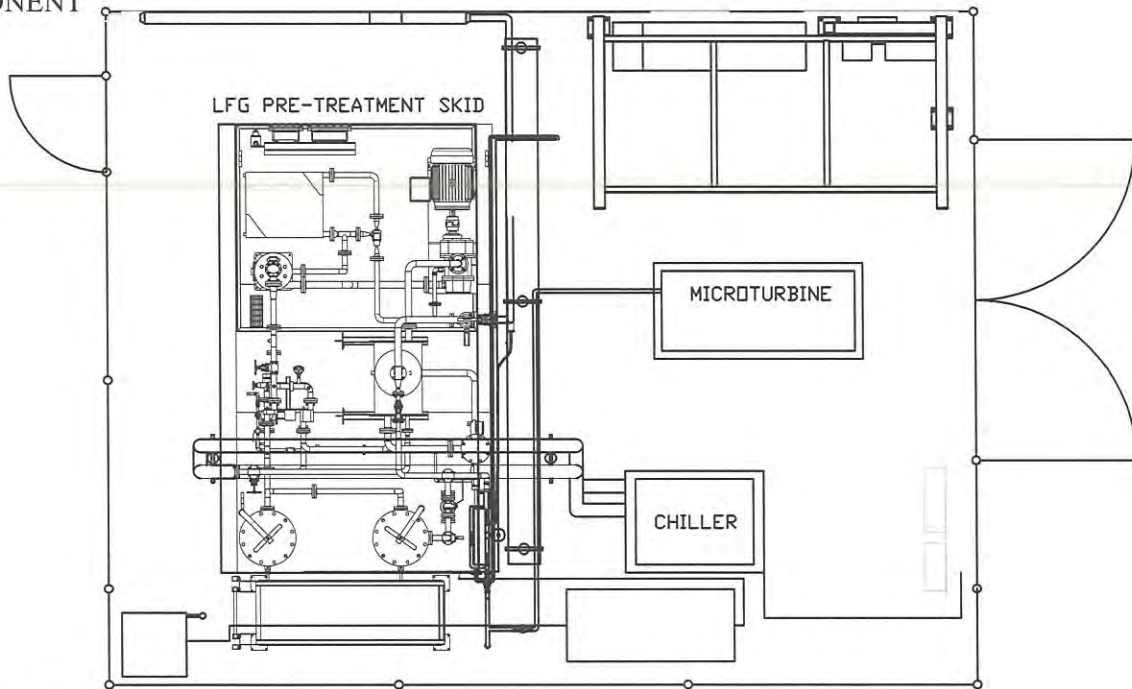
Signature: *Juan R. Ben*

Leak Detected

NO  YES If yes, concentration above background (ppm) \_\_\_\_\_  
(If concentration at 1 cm more than 1000 ppm, repair must be completed within 7 days)

DATE: Identified \_\_\_\_\_ Started \_\_\_\_\_  
Completed \_\_\_\_\_

COMPONENT



DESCRIPTION/ PROCEDURE FOR REPAIR \_\_\_\_\_

PERSONNEL \_\_\_\_\_

JAN 28 2022  
ENGR. & ENVIRONMENTAL  
COMPLIANCE DIVISION

COMMENTS \_\_\_\_\_

CITY OF MOUNTAIN VIEW  
MICROTURBINE COMPONENT LEAK CHECK FORM AT SEWAGE PUMP STATION

DATE: January 3<sup>rd</sup>, 2022

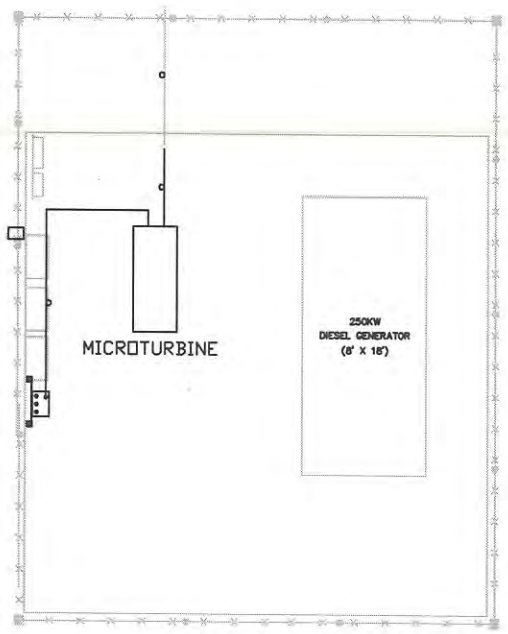
Signature: *James R. Beem*

Leak Detected

NO  YES If yes, concentration above background (ppm) \_\_\_\_\_  
(If concentration at 1 cm more than 1000 ppm, repair must be completed within 7 days)

DATE: Identified \_\_\_\_\_ Started \_\_\_\_\_  
Completed \_\_\_\_\_

COMPONENT



JAN 28 2022  
ENGR. & ENVIRONMENTAL  
COMPLIANCE DIVISION

JAN 28 2022  
ENGR. & ENVIRONMENTAL  
COMPLIANCE DIVISION

DESCRIPTION/ PROCEDURE FOR REPAIR \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PERSONNEL \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COMMENTS \_\_\_\_\_  
\_\_\_\_\_

CITY OF MOUNTAIN VIEW  
MICROTURBINE COMPONENT LEAK CHECK FORM AT FLARE STATION

DATE: 4/28/22

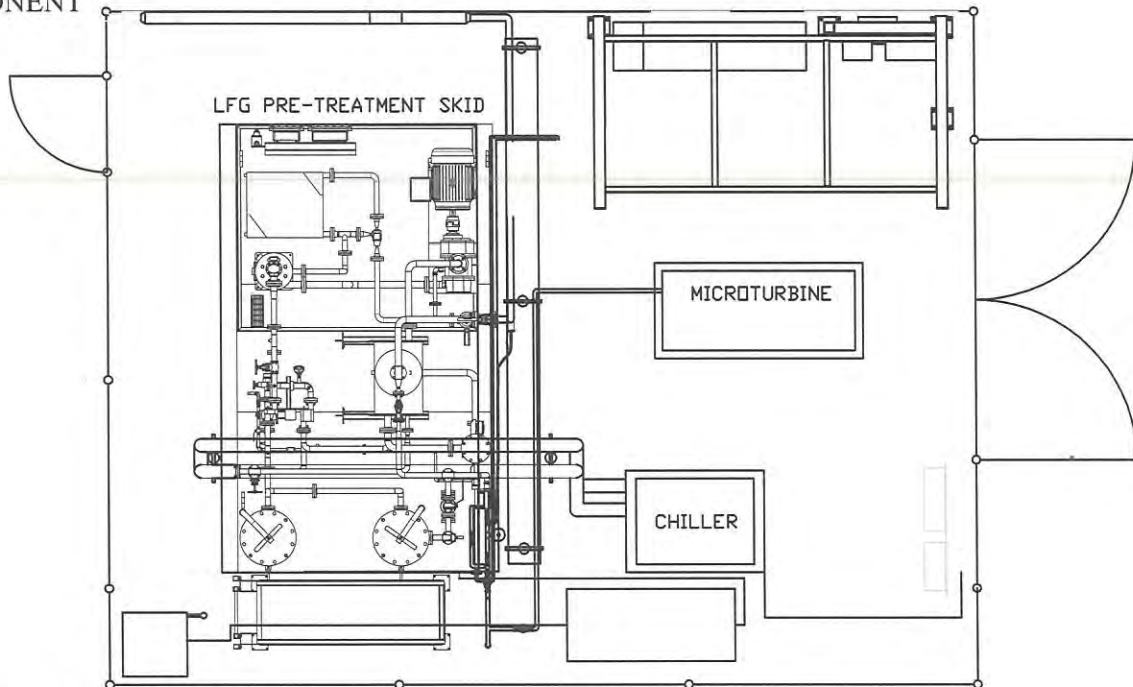
Signature: [Signature]

Leak Detected

NO  YES If yes, concentration above background (ppm) \_\_\_\_\_  
(If concentration at 1 cm more than 1000 ppm, repair must be completed within 7 days)

DATE: Identified \_\_\_\_\_ Started \_\_\_\_\_  
Completed \_\_\_\_\_

COMPONENT



DESCRIPTION/ PROCEDURE FOR REPAIR \_\_\_\_\_

\_\_\_\_\_

PERSONNEL \_\_\_\_\_

\_\_\_\_\_

COMMENTS \_\_\_\_\_

\_\_\_\_\_

APR 29 2022  
ENGR. & ENVIRONMENTAL  
COMPLIANCE DIVISION

CITY OF MOUNTAIN VIEW  
MICROTURBINE COMPONENT LEAK CHECK FORM AT SEWAGE PUMP STATION

DATE: 4/28/22

Signature: [Signature]

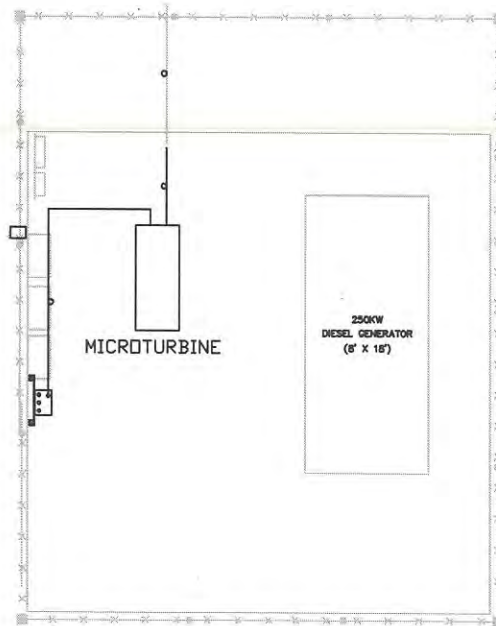
Leak Detected

NO  YES If yes, concentration above background (ppm) \_\_\_\_\_  
(If concentration at 1 cm more than 1000 ppm, repair must be completed within 7 days)

DATE: Identified \_\_\_\_\_ Started \_\_\_\_\_

Completed \_\_\_\_\_

COMPONENT



DESCRIPTION/ PROCEDURE FOR REPAIR \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PERSONNEL \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

APR 29 2022  
ENGR. & ENVIRONMENTAL  
COMPLIANCE DIVISION

COMMENTS \_\_\_\_\_  
\_\_\_\_\_



**City of Mountain View  
Shoreline Landfill  
Component leak check and repair form  
Site Name: VISTA**

Inspection Date: 1/20/22 Start Time: 12pm Finish Time: 2:30pm

Inspector Name: LEON ROJARDO Instrument Used: TVA, GATOR

Weather: clear Wind Speed: 4 mph Leak Detected: No Leaks detected over regulatory limit

| No. | Component | OVA Reading 1<br>CM above<br>vault (PPM) | OVA Reading 2<br>IN above<br>vault (PPM) | Repair/Remonitoring |                    |                                                   | Action Taken |
|-----|-----------|------------------------------------------|------------------------------------------|---------------------|--------------------|---------------------------------------------------|--------------|
|     |           |                                          |                                          | Repair Date         | Re-monitoring Date | OVA Reading one centimeter above vault With (PPM) |              |
| 1   | ACDRAIN-1 | ND                                       | ND                                       |                     |                    |                                                   |              |
| 2   | BGTP-01   |                                          |                                          |                     |                    |                                                   |              |
| 3   | BGTP-02   |                                          |                                          |                     |                    |                                                   |              |
| 4   | BGV-01H   |                                          |                                          |                     |                    |                                                   |              |
| 5   | BGV-1AC   |                                          |                                          |                     |                    |                                                   |              |
| 6   | VLE-01    |                                          |                                          |                     |                    |                                                   |              |
| 7   | VLE-02    |                                          |                                          |                     |                    |                                                   |              |
| 8   | VA-01A    |                                          |                                          |                     |                    |                                                   |              |
| 9   | VA-01AC   |                                          |                                          |                     |                    |                                                   |              |
| 10  | VA-01AL   |                                          |                                          |                     |                    |                                                   |              |
| 11  | VA-01C    |                                          |                                          |                     |                    |                                                   |              |
| 12  | VA-02AC   |                                          |                                          |                     |                    |                                                   |              |
| 13  | VA-01     |                                          |                                          |                     |                    |                                                   |              |
| 14  | VA-01V    |                                          |                                          |                     |                    |                                                   |              |
| 15  | VA-02     |                                          |                                          |                     |                    |                                                   |              |
| 16  | VA-02V    |                                          |                                          |                     |                    |                                                   |              |
| 17  | VA-03     |                                          |                                          |                     |                    |                                                   |              |
| 18  | VA-03V    |                                          |                                          |                     |                    |                                                   |              |
| 19  | VA3A      |                                          |                                          |                     |                    |                                                   |              |
| 20  | VA-03AV   |                                          |                                          |                     |                    |                                                   |              |
| 21  | VA-04     |                                          |                                          |                     |                    |                                                   |              |
| 22  | VA-04V    |                                          |                                          |                     |                    |                                                   |              |
| 23  | VA-05     |                                          |                                          |                     |                    |                                                   |              |
| 24  | VA-05V    |                                          |                                          |                     |                    |                                                   |              |
| 25  | VA-06     |                                          |                                          |                     |                    |                                                   |              |
| 26  | VA-06V    |                                          |                                          |                     |                    |                                                   |              |
| 27  | VAHZ      |                                          |                                          |                     |                    |                                                   |              |
| 28  | VAHZ-01   |                                          |                                          |                     |                    |                                                   |              |
| 29  | VAHZ-02   |                                          |                                          |                     |                    |                                                   |              |
| 30  | VAHZ-03   |                                          |                                          |                     |                    |                                                   |              |
| 31  | VB-01     |                                          |                                          |                     |                    |                                                   |              |
| 32  | VB-01V    |                                          |                                          |                     |                    |                                                   |              |
| 33  | VB-02R    |                                          |                                          |                     |                    |                                                   |              |
| 34  | VB-02RV   |                                          |                                          |                     |                    |                                                   |              |
| 35  | VB-03     |                                          |                                          |                     |                    |                                                   |              |
| 36  | VB-03V    |                                          |                                          |                     |                    |                                                   |              |
| 37  | VB-03AC   |                                          |                                          |                     |                    |                                                   |              |
| 38  | VB-03A    | ✓                                        | ✓                                        |                     |                    |                                                   |              |

JAN 28 2022  
ENGR. & ENVIRONMENTAL  
COMPLIANCE DIVISION

| No. | Component | OVA Reading 1<br>CM above<br>vault (PPM) | OVA Reading 2<br>IN above<br>vault<br>(PPM) | Repair/Remonitoring |                            |                                                               | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|---------------------|----------------------------|---------------------------------------------------------------|--------------|
|     |           |                                          |                                             | Repair<br>Date      | Re-<br>monitorin<br>g Date | OVA Reading<br>one<br>centimeter<br>above vault<br>With (PPM) |              |
| 39  | VB-03AV   | ND                                       | ND                                          |                     |                            |                                                               |              |
| 40  | VB-04     |                                          |                                             |                     |                            |                                                               |              |
| 41  | VB-04V    |                                          |                                             |                     |                            |                                                               |              |
| 42  | VB-05A    |                                          |                                             |                     |                            |                                                               |              |
| 43  | VB-05AV   |                                          |                                             |                     |                            |                                                               |              |
| 44  | VB-05R    |                                          |                                             |                     |                            |                                                               |              |
| 45  | VB-05RV   |                                          |                                             |                     |                            |                                                               |              |
| 46  | VB-06     |                                          |                                             |                     |                            |                                                               |              |
| 47  | VB-06V    |                                          |                                             |                     |                            |                                                               |              |
| 48  | VB-07     |                                          |                                             |                     |                            |                                                               |              |
| 49  | VB-07V    |                                          |                                             |                     |                            |                                                               |              |
| 50  | VB-08     |                                          |                                             |                     |                            |                                                               |              |
| 51  | VB-08V    |                                          |                                             |                     |                            |                                                               |              |
| 52  | VB-09     |                                          |                                             |                     |                            |                                                               |              |
| 53  | VB-09AC   |                                          |                                             |                     |                            |                                                               |              |
| 54  | VB-09V    |                                          |                                             |                     |                            |                                                               |              |
| 55  | VC-01     |                                          |                                             |                     |                            |                                                               |              |
| 56  | VC-01V    |                                          |                                             |                     |                            |                                                               |              |
| 57  | VC-02     |                                          |                                             |                     |                            |                                                               |              |
| 58  | VC-02V    |                                          |                                             |                     |                            |                                                               |              |
| 59  | VC-03     |                                          |                                             |                     |                            |                                                               |              |
| 60  | VC-03V    |                                          |                                             |                     |                            |                                                               |              |
| 61  | VC-04     |                                          |                                             |                     |                            |                                                               |              |
| 62  | VC-04AC   |                                          |                                             |                     |                            |                                                               |              |
| 63  | VC-04V    |                                          |                                             |                     |                            |                                                               |              |
| 64  | VC-05     |                                          |                                             |                     |                            |                                                               |              |
| 65  | VC-05V    |                                          |                                             |                     |                            |                                                               |              |
| 66  | VC-06     |                                          |                                             |                     |                            |                                                               |              |
| 67  | VC-06V    |                                          |                                             |                     |                            |                                                               |              |
| 68  | VC-07     |                                          |                                             |                     |                            |                                                               |              |
| 69  | VC-07V    |                                          |                                             |                     |                            |                                                               |              |
| 70  | VC-08     |                                          |                                             |                     |                            |                                                               |              |
| 71  | VC-08V    |                                          |                                             |                     |                            |                                                               |              |
| 72  | VC-10     |                                          |                                             |                     |                            |                                                               |              |
| 73  | VC-10V    |                                          |                                             |                     |                            |                                                               |              |
| 74  | VE-01     |                                          |                                             |                     |                            |                                                               |              |
| 75  | VE-01V    |                                          |                                             |                     |                            |                                                               |              |
| 76  | VE-03     |                                          |                                             |                     |                            |                                                               |              |
| 77  | VE-03AC   |                                          |                                             |                     |                            |                                                               |              |
| 78  | VE-03V    |                                          |                                             |                     |                            |                                                               |              |
| 79  | VE-04R    |                                          |                                             |                     |                            |                                                               |              |
| 80  | VE-04RV   |                                          |                                             |                     |                            |                                                               |              |
| 81  | VE-05     |                                          |                                             |                     |                            |                                                               |              |
| 82  | VE-05V    |                                          |                                             |                     |                            |                                                               |              |
| 83  | VE-06     |                                          |                                             |                     |                            |                                                               |              |
| 84  | VE-06V    |                                          |                                             |                     |                            |                                                               |              |
| 85  | VE-07     |                                          |                                             |                     |                            |                                                               |              |
| 86  | VE-07V    |                                          |                                             |                     |                            |                                                               |              |
| 87  | VE-08     |                                          |                                             |                     |                            |                                                               |              |

| No. | Component | OVA Reading 1<br>CM above<br>vault (PPM) | OVA Reading 2<br>IN above<br>vault (PPM) | Repair/Remonitoring |                    |                                                   | Action Taken |
|-----|-----------|------------------------------------------|------------------------------------------|---------------------|--------------------|---------------------------------------------------|--------------|
|     |           |                                          |                                          | Repair Date         | Re-monitoring Date | OVA Reading one centimeter above vault With (PPM) |              |
| 88  | VE-08V    | ND                                       | ND                                       |                     |                    |                                                   |              |
| 89  | VE-09     |                                          |                                          |                     |                    |                                                   |              |
| 90  | VE-09V    |                                          |                                          |                     |                    |                                                   |              |
| 91  | VE-10     |                                          |                                          |                     |                    |                                                   |              |
| 92  | VE-10V    |                                          |                                          |                     |                    |                                                   |              |
| 93  | VE-11     |                                          |                                          |                     |                    |                                                   |              |
| 94  | VE-11AC   |                                          |                                          |                     |                    |                                                   |              |
| 95  | VE 11V    |                                          |                                          |                     |                    |                                                   |              |
| 96  | VF-01     |                                          |                                          |                     |                    |                                                   |              |
| 97  | VF-01V    |                                          |                                          |                     |                    |                                                   |              |
| 98  | VF-02     |                                          |                                          |                     |                    |                                                   |              |
| 99  | VF-02V    |                                          |                                          |                     |                    |                                                   |              |
| 100 | VF-03     |                                          |                                          |                     |                    |                                                   |              |
| 101 | VF-03AC   |                                          |                                          |                     |                    |                                                   |              |
| 102 | VF-03V    |                                          |                                          |                     |                    |                                                   |              |
| 103 | VF-04     |                                          |                                          |                     |                    |                                                   |              |
| 104 | VF-04V    |                                          |                                          |                     |                    |                                                   |              |
| 105 | VF-05R    |                                          |                                          |                     |                    |                                                   |              |
| 106 | VF-05RV   |                                          |                                          |                     |                    |                                                   |              |
| 107 | VF-06     |                                          |                                          |                     |                    |                                                   |              |
| 108 | VF-06AC   |                                          |                                          |                     |                    |                                                   |              |
| 109 | VF-06V    |                                          |                                          |                     |                    |                                                   |              |
| 110 | VF-06V    |                                          |                                          |                     |                    |                                                   |              |
| 111 | VF-07     |                                          |                                          |                     |                    |                                                   |              |
| 112 | VF-07V    |                                          |                                          |                     |                    |                                                   |              |
| 113 | VF07A     |                                          |                                          |                     |                    |                                                   |              |
| 114 | VF-07AV   |                                          |                                          |                     |                    |                                                   |              |
| 115 | VF-08R    |                                          |                                          |                     |                    |                                                   |              |
| 116 | VF-08RV   |                                          |                                          |                     |                    |                                                   |              |
| 117 | VF-09     |                                          |                                          |                     |                    |                                                   |              |
| 118 | VF-09AC   |                                          |                                          |                     |                    |                                                   |              |
| 119 | VF-09V    |                                          |                                          |                     |                    |                                                   |              |
| 120 | VF-10     |                                          |                                          |                     |                    |                                                   |              |
| 121 | VF-10V    |                                          |                                          |                     |                    |                                                   |              |
| 122 | VF11      |                                          |                                          |                     |                    |                                                   |              |
| 123 | VF-11V    |                                          |                                          |                     |                    |                                                   |              |
| 124 | VG-01     |                                          |                                          |                     |                    |                                                   |              |
| 125 | VG-01V    |                                          |                                          |                     |                    |                                                   |              |
| 126 | VG-01A    |                                          |                                          |                     |                    |                                                   |              |
| 127 | VG-01AV   |                                          |                                          |                     |                    |                                                   |              |
| 128 | VG-02     |                                          |                                          |                     |                    |                                                   |              |
| 129 | VG-02V    |                                          |                                          |                     |                    |                                                   |              |
| 130 | VG-02R    |                                          |                                          |                     |                    |                                                   |              |
| 131 | VG-02RV   |                                          |                                          |                     |                    |                                                   |              |
| 132 | VG-03     |                                          |                                          |                     |                    |                                                   |              |
| 133 | VG-03V    |                                          |                                          |                     |                    |                                                   |              |
| 134 | VG-03A    |                                          |                                          |                     |                    |                                                   |              |
| 135 | VG-03AV   |                                          |                                          |                     |                    |                                                   |              |
| 136 | VG-04     |                                          |                                          |                     |                    |                                                   |              |

| No. | Component | OVA Reading 1<br>CM above<br>vault (PPM) | OVA Reading 2<br>IN above<br>vault<br>(PPM) | Repair/Remonitoring |                            |                                                               | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|---------------------|----------------------------|---------------------------------------------------------------|--------------|
|     |           |                                          |                                             | Repair<br>Date      | Re-<br>monitorin<br>g Date | OVA Reading<br>one<br>centimeter<br>above vault<br>With (PPM) |              |
| 137 | VG-04V    | ND                                       | ND                                          |                     |                            |                                                               |              |
| 138 | VG-04AC   |                                          |                                             |                     |                            |                                                               |              |
| 139 | VG-04A    |                                          |                                             |                     |                            |                                                               |              |
| 140 | VG-04AV   |                                          |                                             |                     |                            |                                                               |              |
| 141 | VG-05     |                                          |                                             |                     |                            |                                                               |              |
| 142 | VG-05AC   |                                          |                                             |                     |                            |                                                               |              |
| 143 | VG-05V    |                                          |                                             |                     |                            |                                                               |              |
| 144 | VG-06     |                                          |                                             |                     |                            |                                                               |              |
| 145 | VG-06V    |                                          |                                             |                     |                            |                                                               |              |
| 146 | VH-01     |                                          |                                             |                     |                            |                                                               |              |
| 147 | VH-01V    |                                          |                                             |                     |                            |                                                               |              |
| 148 | VH-02     |                                          |                                             |                     |                            |                                                               |              |
| 149 | VH-02AC   |                                          |                                             |                     |                            |                                                               |              |
| 150 | VH-02V    |                                          |                                             |                     |                            |                                                               |              |
| 151 | VH-03     |                                          |                                             |                     |                            |                                                               |              |
| 152 | VH-03V    |                                          |                                             |                     |                            |                                                               |              |
| 153 | VH-04     |                                          |                                             |                     |                            |                                                               |              |
| 154 | VH-04AC   |                                          |                                             |                     |                            |                                                               |              |
| 155 | VH-04V    |                                          |                                             |                     |                            |                                                               |              |
| 156 | VH-05     |                                          |                                             |                     |                            |                                                               |              |
| 157 | VH-05AC   |                                          |                                             |                     |                            |                                                               |              |
| 158 | VH-05V    |                                          |                                             |                     |                            |                                                               |              |
| 159 | VH-06     |                                          |                                             |                     |                            |                                                               |              |
| 160 | VH-06V    |                                          |                                             |                     |                            |                                                               |              |
| 161 | VH-07     |                                          |                                             |                     |                            |                                                               |              |
| 162 | VH-07V    |                                          |                                             |                     |                            |                                                               |              |
| 163 | VH-08     |                                          |                                             |                     |                            |                                                               |              |
| 164 | VH-08AC   |                                          |                                             |                     |                            |                                                               |              |
| 165 | VH-08V    |                                          |                                             |                     |                            |                                                               |              |
| 166 | VH-09     |                                          |                                             |                     |                            |                                                               |              |
| 167 | VH-9V     |                                          |                                             |                     |                            |                                                               |              |
| 168 | VH-10     |                                          |                                             |                     |                            |                                                               |              |
| 169 | VH-10AC   |                                          |                                             |                     |                            |                                                               |              |
| 170 | VH-10V    |                                          |                                             |                     |                            |                                                               |              |
| 171 | VH-11     |                                          |                                             |                     |                            |                                                               |              |
| 172 | VH-11V    |                                          |                                             |                     |                            |                                                               |              |
| 173 | VH-12     |                                          |                                             |                     |                            |                                                               |              |
| 174 | VH-12V    |                                          |                                             |                     |                            |                                                               |              |
| 175 | VH-13     |                                          |                                             |                     |                            |                                                               |              |
| 176 | VH-13V    |                                          |                                             |                     |                            |                                                               |              |
| 177 | VJ-01     |                                          |                                             |                     |                            |                                                               |              |
| 178 | VJ-01V    |                                          |                                             |                     |                            |                                                               |              |
| 179 | VJ-02R    |                                          |                                             |                     |                            |                                                               |              |
| 180 | VJ-02RV   |                                          |                                             |                     |                            |                                                               |              |
| 181 | VJ-03R    |                                          |                                             |                     |                            |                                                               |              |
| 182 | VJ-03RV   |                                          |                                             |                     |                            |                                                               |              |
| 183 | VJ-04A    |                                          |                                             |                     |                            |                                                               |              |
| 184 | VJ-04AV   |                                          |                                             |                     |                            |                                                               |              |
| 185 | VJ-04R    |                                          |                                             |                     |                            |                                                               |              |

| No. | Component | OVA Reading 1<br>CM above<br>vault (PPM) | OVA Reading 2<br>IN above<br>vault<br>(PPM) | Repair/Remonitoring |                            |                                                               | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|---------------------|----------------------------|---------------------------------------------------------------|--------------|
|     |           |                                          |                                             | Repair<br>Date      | Re-<br>monitorin<br>g Date | OVA Reading<br>one<br>centimeter<br>above vault<br>With (PPM) |              |
| 186 | VJ-04RV   | ND                                       | ND                                          |                     |                            |                                                               |              |
| 187 | VJ-05R    |                                          |                                             |                     |                            |                                                               |              |
| 188 | VJ-05RV   |                                          |                                             |                     |                            |                                                               |              |
| 189 | VJ-06     |                                          |                                             |                     |                            |                                                               |              |
| 190 | VJ-06V    |                                          |                                             |                     |                            |                                                               |              |
| 191 | VJ-07R    |                                          |                                             |                     |                            |                                                               |              |
| 192 | VJ-07RV   |                                          |                                             |                     |                            |                                                               |              |
| 193 | VJ-08     |                                          |                                             |                     |                            |                                                               |              |
| 194 | VJ-08V    |                                          |                                             |                     |                            |                                                               |              |
| 195 | VJ-09R    |                                          |                                             |                     |                            |                                                               |              |
| 196 | VJ-09RV   |                                          |                                             |                     |                            |                                                               |              |
| 197 | VJ-10     |                                          |                                             |                     |                            |                                                               |              |
| 198 | VJ-10V    |                                          |                                             |                     |                            |                                                               |              |
| 199 | VJ-11R    |                                          |                                             |                     |                            |                                                               |              |
| 200 | VJ-11RV   |                                          |                                             |                     |                            |                                                               |              |
| 201 | VK-01     |                                          |                                             |                     |                            |                                                               |              |
| 202 | VK-01V    |                                          |                                             |                     |                            |                                                               |              |
| 203 | VK-02     |                                          |                                             |                     |                            |                                                               |              |
| 204 | VK-02V    |                                          |                                             |                     |                            |                                                               |              |
| 205 | VK-03     |                                          |                                             |                     |                            |                                                               |              |
| 206 | VK-03V    |                                          |                                             |                     |                            |                                                               |              |
| 207 | VK-04     |                                          |                                             |                     |                            |                                                               |              |
| 208 | VK-04V    |                                          |                                             |                     |                            |                                                               |              |
| 209 | VK-05     |                                          |                                             |                     |                            |                                                               |              |
| 210 | VK-05V    |                                          |                                             |                     |                            |                                                               |              |
| 211 | VSB-01    |                                          |                                             |                     |                            |                                                               |              |
| 212 | VSB-02    |                                          |                                             |                     |                            |                                                               |              |
| 213 | VSE-03    |                                          |                                             |                     |                            |                                                               |              |
| 214 | VSF-01    |                                          |                                             |                     |                            |                                                               |              |
| 215 | VSH-01    |                                          |                                             |                     |                            |                                                               |              |
| 216 | VSJ-01    |                                          |                                             |                     |                            |                                                               |              |
| 217 | VSJ-02    |                                          |                                             |                     |                            |                                                               |              |
| 218 | VTPA-01   |                                          |                                             |                     |                            |                                                               |              |
| 219 | VTPA-02   |                                          |                                             |                     |                            |                                                               |              |
| 220 | VTPA-03   |                                          |                                             |                     |                            |                                                               |              |
| 221 | VTPB-01   |                                          |                                             |                     |                            |                                                               |              |
| 222 | VTPB-02   |                                          |                                             |                     |                            |                                                               |              |
| 223 | VTPB-03   |                                          |                                             |                     |                            |                                                               |              |
| 224 | VTPB-04   |                                          |                                             |                     |                            |                                                               |              |
| 225 | VTPC-01   |                                          |                                             |                     |                            |                                                               |              |
| 226 | VTPC-02   |                                          |                                             |                     |                            |                                                               |              |
| 227 | VTPE-01   |                                          |                                             |                     |                            |                                                               |              |
| 228 | VTPE-02   |                                          |                                             |                     |                            |                                                               |              |
| 229 | VTPF-01   |                                          |                                             |                     |                            |                                                               |              |
| 230 | VTPF-02   |                                          |                                             |                     |                            |                                                               |              |
| 231 | VTPF-03   |                                          |                                             |                     |                            |                                                               |              |
| 232 | VTPF-04   |                                          |                                             |                     |                            |                                                               |              |
| 233 | VTPG-01   |                                          |                                             |                     |                            |                                                               |              |
| 234 | VTPG-02   |                                          |                                             |                     |                            |                                                               |              |

| No. | Component | OVA Reading 1<br>CM above<br>vault (PPM) | OVA Reading 2<br>IN above<br>vault<br>(PPM) | Repair/Remonitoring |                            |                                                               | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|---------------------|----------------------------|---------------------------------------------------------------|--------------|
|     |           |                                          |                                             | Repair<br>Date      | Re-<br>monitorin<br>g Date | OVA Reading<br>one<br>centimeter<br>above vault<br>With (PPM) |              |
| 235 | VTPG-03   | ND                                       | ND                                          |                     |                            |                                                               |              |
| 236 | VTPG-04   |                                          |                                             |                     |                            |                                                               |              |
| 237 | VTPH-01   |                                          |                                             |                     |                            |                                                               |              |
| 238 | VTPH-02   |                                          |                                             |                     |                            |                                                               |              |
| 239 | VTPH-03   |                                          |                                             |                     |                            |                                                               |              |
| 240 | VTPH-04   |                                          |                                             |                     |                            |                                                               |              |
| 241 | VTPJ-01   |                                          |                                             |                     |                            |                                                               |              |
| 242 | VTPJ-02   |                                          |                                             |                     |                            |                                                               |              |
| 243 | VTPJ-03   |                                          |                                             |                     |                            |                                                               |              |
| 244 | VTPJ-05   |                                          |                                             |                     |                            |                                                               |              |
| 245 | VTPK-01   |                                          |                                             |                     |                            |                                                               |              |
| 246 | VTPK-02   |                                          |                                             |                     |                            |                                                               |              |
| 247 | VVA-01H   |                                          |                                             |                     |                            |                                                               |              |
| 248 | VVA-02H   |                                          |                                             |                     |                            |                                                               |              |
| 249 | VVA-01AC  |                                          |                                             |                     |                            |                                                               |              |
| 250 | VVA-02AC  |                                          |                                             |                     |                            |                                                               |              |
| 251 | VVB-01H   |                                          |                                             |                     |                            |                                                               |              |
| 252 | VVB-02AC  |                                          |                                             |                     |                            |                                                               |              |
| 253 | VVB-02H   |                                          |                                             |                     |                            |                                                               |              |
| 254 | VVB-01AC  |                                          |                                             |                     |                            |                                                               |              |
| 255 | VVC-01H   |                                          |                                             |                     |                            |                                                               |              |
| 256 | VVC-02H   |                                          |                                             |                     |                            |                                                               |              |
| 257 | VVC-03H   |                                          |                                             |                     |                            |                                                               |              |
| 258 | VVC-01AC  |                                          |                                             |                     |                            |                                                               |              |
| 259 | VVC-01V   |                                          |                                             |                     |                            |                                                               |              |
| 260 | VVC-02AC  |                                          |                                             |                     |                            |                                                               |              |
| 261 | VVF-01H   |                                          |                                             |                     |                            |                                                               |              |
| 262 | VVF-02H   |                                          |                                             |                     |                            |                                                               |              |
| 263 | VVF-03H   |                                          |                                             |                     |                            |                                                               |              |
| 264 | VVF-01AC  |                                          |                                             |                     |                            |                                                               |              |
| 265 | VVF-02AC  |                                          |                                             |                     |                            |                                                               |              |
| 266 | VVF-03AC  |                                          |                                             |                     |                            |                                                               |              |
| 267 | VVG-01AC  |                                          |                                             |                     |                            |                                                               |              |
| 268 | VVG-01H   |                                          |                                             |                     |                            |                                                               |              |
| 269 | VVG-02AC  |                                          |                                             |                     |                            |                                                               |              |
| 270 | VVG-02H   |                                          |                                             |                     |                            |                                                               |              |
| 271 | VVG-03H   |                                          |                                             |                     |                            |                                                               |              |
| 272 | VVG-04H   |                                          |                                             |                     |                            |                                                               |              |
| 273 | VVG-03AC  |                                          |                                             |                     |                            |                                                               |              |
| 274 | VVG-04AC  |                                          |                                             |                     |                            |                                                               |              |
| 275 | VVH-01H   |                                          |                                             |                     |                            |                                                               |              |
| 276 | VVH-02H   |                                          |                                             |                     |                            |                                                               |              |
| 277 | VVH-03H   |                                          |                                             |                     |                            |                                                               |              |
| 278 | VVH-01AC  |                                          |                                             |                     |                            |                                                               |              |
| 279 | VVH-02AC  |                                          |                                             |                     |                            |                                                               |              |
| 280 | VVH-03AC  |                                          |                                             |                     |                            |                                                               |              |
| 281 | VVJ-01H   |                                          |                                             |                     |                            |                                                               |              |
| 282 | VVJ-04H   |                                          |                                             |                     |                            |                                                               |              |
| 283 | VVJ-05H   | V                                        | V                                           |                     |                            |                                                               |              |



**City of Mountain View  
Shoreline Landfill  
Component leak check and repair form  
Site Name: BACK NINE**

Inspection Date: 1/26/22 Start Time: 7:30am Finish Time: 1pm

Inspector Name: LEON ROSARIO Instrument Used: TVA, GIATOR

Weather: Clear Wind Speed: 3mph Leak Detected: No leaks detected over regulatory limit.

| No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA<br>Reading<br>2 IN above<br>vault (PPM) | Repair Date | Repair/Remonitoring       |                                                  | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|-------------|---------------------------|--------------------------------------------------|--------------|
|     |           |                                          |                                             |             | Re-<br>monitoring<br>Date | OVA Reading<br>1 CM above<br>vault With<br>(PPM) |              |
| 1   | WA-01     | ND                                       | ND                                          |             |                           |                                                  |              |
| 2   | WA-01V    |                                          |                                             |             |                           |                                                  |              |
| 3   | WA-02     |                                          |                                             |             |                           |                                                  |              |
| 4   | WA-02V    |                                          |                                             |             |                           |                                                  |              |
| 5   | WA-04     |                                          |                                             |             |                           |                                                  |              |
| 6   | WA-04V    |                                          |                                             |             |                           |                                                  |              |
| 7   | WA-05     |                                          |                                             |             |                           |                                                  |              |
| 8   | WA-05V    |                                          |                                             |             |                           |                                                  |              |
| 9   | WA-06     |                                          |                                             |             |                           |                                                  |              |
| 10  | WA-06V    |                                          |                                             |             |                           |                                                  |              |
| 11  | WA-07     |                                          |                                             |             |                           |                                                  |              |
| 12  | WA-07V    |                                          |                                             |             |                           |                                                  |              |
| 13  | WA-08     |                                          |                                             |             |                           |                                                  |              |
| 14  | WA-08V    |                                          |                                             |             |                           |                                                  |              |
| 15  | WA-09     |                                          |                                             |             |                           |                                                  |              |
| 16  | WA-09V    |                                          |                                             |             |                           |                                                  |              |
| 17  | WA-10     |                                          |                                             |             |                           |                                                  |              |
| 18  | WA-10V    |                                          |                                             |             |                           |                                                  |              |
| 19  | WA-11     |                                          |                                             |             |                           |                                                  |              |
| 20  | WA-11V    |                                          |                                             |             |                           |                                                  |              |
| 21  | WA-12     |                                          |                                             |             |                           |                                                  |              |
| 22  | WA-12V    |                                          |                                             |             |                           |                                                  |              |
| 23  | WA-13     |                                          |                                             |             |                           |                                                  |              |
| 24  | WA-13V    |                                          |                                             |             |                           |                                                  |              |
| 25  | WA-14     |                                          |                                             |             |                           |                                                  |              |
| 26  | WA-14V    |                                          |                                             |             |                           |                                                  |              |
| 27  | WA-15     |                                          |                                             |             |                           |                                                  |              |
| 28  | WA-15V    |                                          |                                             |             |                           |                                                  |              |
| 29  | WA-16     |                                          |                                             |             |                           |                                                  |              |
| 30  | WA-16V    |                                          |                                             |             |                           |                                                  |              |
| 31  | WA-17     |                                          |                                             |             |                           |                                                  |              |
| 32  | WA-17V    |                                          |                                             |             |                           |                                                  |              |
| 33  | WA-18     |                                          |                                             |             |                           |                                                  |              |
| 34  | WA-18V    |                                          |                                             |             |                           |                                                  |              |
| 35  | WA-19     |                                          |                                             |             |                           |                                                  |              |
| 36  | WA-19V    |                                          |                                             |             |                           |                                                  |              |
| 37  | WA-20     |                                          |                                             |             |                           |                                                  |              |
| 38  | WA-20V    |                                          |                                             |             |                           |                                                  |              |

JAN 28 2022  
ENGR. & ENVIRONMENTAL  
COMPLIANCE DIVISION



| No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA<br>Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                           |                                                  | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|---------------------|---------------------------|--------------------------------------------------|--------------|
|     |           |                                          |                                             | Repair Date         | Re-<br>monitoring<br>Date | OVA Reading<br>1 CM above<br>vault With<br>(PPM) |              |
| 39  | WA-21     | ND                                       | ND                                          |                     |                           |                                                  |              |
| 40  | WA-21V    |                                          |                                             |                     |                           |                                                  |              |
| 41  | WA-22     |                                          |                                             |                     |                           |                                                  |              |
| 42  | WA-22V    |                                          |                                             |                     |                           |                                                  |              |
| 43  | WA-23     |                                          |                                             |                     |                           |                                                  |              |
| 44  | WA-23V    |                                          |                                             |                     |                           |                                                  |              |
| 45  | WA-24     |                                          |                                             |                     |                           |                                                  |              |
| 46  | WA-24V    |                                          |                                             |                     |                           |                                                  |              |
| 47  | WA-25     |                                          |                                             |                     |                           |                                                  |              |
| 48  | WA-25V    |                                          |                                             |                     |                           |                                                  |              |
| 49  | WA-26     |                                          |                                             |                     |                           |                                                  |              |
| 50  | WA-26V    |                                          |                                             |                     |                           |                                                  |              |
| 51  | WA-27     |                                          |                                             |                     |                           |                                                  |              |
| 52  | WA-27V    |                                          |                                             |                     |                           |                                                  |              |
| 53  | WA-28     |                                          |                                             |                     |                           |                                                  |              |
| 54  | WA-28V    |                                          |                                             |                     |                           |                                                  |              |
| 55  | WA-29     |                                          |                                             |                     |                           |                                                  |              |
| 56  | WA-29V    |                                          |                                             |                     |                           |                                                  |              |
| 57  | WB-01     |                                          |                                             |                     |                           |                                                  |              |
| 58  | WB-01V    |                                          |                                             |                     |                           |                                                  |              |
| 59  | WB-02     |                                          |                                             |                     |                           |                                                  |              |
| 60  | WB-02V    |                                          |                                             |                     |                           |                                                  |              |
| 61  | WB-03     |                                          |                                             |                     |                           |                                                  |              |
| 62  | WB-03V    |                                          |                                             |                     |                           |                                                  |              |
| 63  | WB-04     |                                          |                                             |                     |                           |                                                  |              |
| 64  | WB-04V    |                                          |                                             |                     |                           |                                                  |              |
| 65  | WB-05     |                                          |                                             |                     |                           |                                                  |              |
| 66  | WB-05A    |                                          |                                             |                     |                           |                                                  |              |
| 67  | WB-05AV   |                                          |                                             |                     |                           |                                                  |              |
| 68  | W-06      |                                          |                                             |                     |                           |                                                  |              |
| 69  | WB-06V    |                                          |                                             |                     |                           |                                                  |              |
| 70  | WB-06A    |                                          |                                             |                     |                           |                                                  |              |
| 71  | WB-06AV   |                                          |                                             |                     |                           |                                                  |              |
| 72  | WB-07     |                                          |                                             |                     |                           |                                                  |              |
| 73  | WB-07V    |                                          |                                             |                     |                           |                                                  |              |
| 74  | WB-07A    |                                          |                                             |                     |                           |                                                  |              |
| 75  | WB-07AV   |                                          |                                             |                     |                           |                                                  |              |
| 76  | WB-08     |                                          |                                             |                     |                           |                                                  |              |
| 77  | WB-08V    |                                          |                                             |                     |                           |                                                  |              |
| 78  | WB-09     |                                          |                                             |                     |                           |                                                  |              |
| 79  | WB-09V    |                                          |                                             |                     |                           |                                                  |              |
| 80  | WB-10     |                                          |                                             |                     |                           |                                                  |              |
| 81  | WB-10V    |                                          |                                             |                     |                           |                                                  |              |
| 82  | WB-11     |                                          |                                             |                     |                           |                                                  |              |
| 83  | WB-11V    |                                          |                                             |                     |                           |                                                  |              |
| 84  | WB-12     |                                          |                                             |                     |                           |                                                  |              |
| 85  | WB-12V    |                                          |                                             |                     |                           |                                                  |              |
| 86  | WB-12A    |                                          |                                             |                     |                           |                                                  |              |
| 87  | WB-12AV   | √                                        | √                                           |                     |                           |                                                  |              |

| No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA<br>Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                           |                                                  | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|---------------------|---------------------------|--------------------------------------------------|--------------|
|     |           |                                          |                                             | Repair Date         | Re-<br>monitoring<br>Date | OVA Reading<br>1 CM above<br>vault With<br>(PPM) |              |
| 88  | WB-13     | ND                                       | ND                                          |                     |                           |                                                  |              |
| 89  | WB-13V    |                                          |                                             |                     |                           |                                                  |              |
| 90  | WB-14     |                                          |                                             |                     |                           |                                                  |              |
| 91  | WB-14V    |                                          |                                             |                     |                           |                                                  |              |
| 92  | WB-15     |                                          |                                             |                     |                           |                                                  |              |
| 93  | WB-15V    |                                          |                                             |                     |                           |                                                  |              |
| 94  | WB-16     |                                          |                                             |                     |                           |                                                  |              |
| 95  | WB-16V    |                                          |                                             |                     |                           |                                                  |              |
| 96  | WB-17     |                                          |                                             |                     |                           |                                                  |              |
| 97  | WB-17V    |                                          |                                             |                     |                           |                                                  |              |
| 98  | WC-01     |                                          |                                             |                     |                           |                                                  |              |
| 99  | WC-01V    |                                          |                                             |                     |                           |                                                  |              |
| 100 | WC-02     |                                          |                                             |                     |                           |                                                  |              |
| 101 | WC-02V    |                                          |                                             |                     |                           |                                                  |              |
| 102 | WC-03     |                                          |                                             |                     |                           |                                                  |              |
| 103 | WC-03V    |                                          |                                             |                     |                           |                                                  |              |
| 104 | WC-04     |                                          |                                             |                     |                           |                                                  |              |
| 105 | WC-04V    |                                          |                                             |                     |                           |                                                  |              |
| 106 | WD-01     |                                          |                                             |                     |                           |                                                  |              |
| 107 | WD-01V    |                                          |                                             |                     |                           |                                                  |              |
| 108 | WD-02     |                                          |                                             |                     |                           |                                                  |              |
| 109 | WD-02V    |                                          |                                             |                     |                           |                                                  |              |
| 110 | WD-03     |                                          |                                             |                     |                           |                                                  |              |
| 111 | WD-03V    |                                          |                                             |                     |                           |                                                  |              |
| 112 | WD-04     |                                          |                                             |                     |                           |                                                  |              |
| 113 | WD-04V    |                                          |                                             |                     |                           |                                                  |              |
| 114 | WE-01     |                                          |                                             |                     |                           |                                                  |              |
| 115 | WE-01V    |                                          |                                             |                     |                           |                                                  |              |
| 116 | WE-01A    |                                          |                                             |                     |                           |                                                  |              |
| 117 | WE-01AV   |                                          |                                             |                     |                           |                                                  |              |
| 118 | WE-02     |                                          |                                             |                     |                           |                                                  |              |
| 119 | WE-02V    |                                          |                                             |                     |                           |                                                  |              |
| 120 | WE-03     |                                          |                                             |                     |                           |                                                  |              |
| 121 | WE-03V    |                                          |                                             |                     |                           |                                                  |              |
| 122 | WE-04     |                                          |                                             |                     |                           |                                                  |              |
| 123 | WE-04V    |                                          |                                             |                     |                           |                                                  |              |
| 124 | WE-05     |                                          |                                             |                     |                           |                                                  |              |
| 125 | WE-05V    |                                          |                                             |                     |                           |                                                  |              |
| 126 | WF-01     |                                          |                                             |                     |                           |                                                  |              |
| 127 | WF-01V    |                                          |                                             |                     |                           |                                                  |              |
| 128 | WF-02     |                                          |                                             |                     |                           |                                                  |              |
| 129 | WF-02V    |                                          |                                             |                     |                           |                                                  |              |
| 130 | WSA-01    |                                          |                                             |                     |                           |                                                  |              |
| 131 | WSA-02    |                                          |                                             |                     |                           |                                                  |              |
| 132 | WSA-03    |                                          |                                             |                     |                           |                                                  |              |
| 133 | WSB-01    |                                          |                                             |                     |                           |                                                  |              |
| 134 | WSB-02    |                                          |                                             |                     |                           |                                                  |              |
| 135 | WSB-03    |                                          |                                             |                     |                           |                                                  |              |
| 136 | WSC-01    | ✓                                        | ✓                                           |                     |                           |                                                  |              |

| No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA<br>Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                           |                                                  | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|---------------------|---------------------------|--------------------------------------------------|--------------|
|     |           |                                          |                                             | Repair Date         | Re-<br>monitoring<br>Date | OVA Reading<br>1 CM above<br>vault With<br>(PPM) |              |
| 137 | WSC-02    | ND                                       | ND                                          |                     |                           |                                                  |              |
| 138 | WSD-01    |                                          |                                             |                     |                           |                                                  |              |
| 139 | WSD-02    |                                          |                                             |                     |                           |                                                  |              |
| 140 | WSE-01    |                                          |                                             |                     |                           |                                                  |              |
| 141 | WSE-02    |                                          |                                             |                     |                           |                                                  |              |
| 142 | WSF-01    |                                          |                                             |                     |                           |                                                  |              |
| 143 | WTA-14    |                                          |                                             |                     |                           |                                                  |              |
| 144 | WTP-10    |                                          |                                             |                     |                           |                                                  |              |
| 145 | WTPA-01   |                                          |                                             |                     |                           |                                                  |              |
| 146 | WTPA-20   |                                          |                                             |                     |                           |                                                  |              |
| 147 | WTPA-25   |                                          |                                             |                     |                           |                                                  |              |
| 148 | WTPA-30   |                                          |                                             |                     |                           |                                                  |              |
| 149 | WTPA-40   |                                          |                                             |                     |                           |                                                  |              |
| 150 | WTPA-05   |                                          |                                             |                     |                           |                                                  |              |
| 151 | WTPB-01   |                                          |                                             |                     |                           |                                                  |              |
| 152 | WTPB-10   |                                          |                                             |                     |                           |                                                  |              |
| 153 | WTPB-20   |                                          |                                             |                     |                           |                                                  |              |
| 154 | WTPB-29   |                                          |                                             |                     |                           |                                                  |              |
| 155 | WTPB-34   |                                          |                                             |                     |                           |                                                  |              |
| 156 | WTPB-37   |                                          |                                             |                     |                           |                                                  |              |
| 157 | WTPB-40   |                                          |                                             |                     |                           |                                                  |              |
| 158 | WTPB-45   |                                          |                                             |                     |                           |                                                  |              |
| 159 | WTPC-05   |                                          |                                             |                     |                           |                                                  |              |
| 160 | WTPD-09   |                                          |                                             |                     |                           |                                                  |              |
| 161 | WTPE-10   |                                          |                                             |                     |                           |                                                  |              |
| 162 | WTPE-01   |                                          |                                             |                     |                           |                                                  |              |
| 163 | WTPF-05   |                                          |                                             |                     |                           |                                                  |              |
| 164 | WTPF-07   |                                          |                                             |                     |                           |                                                  |              |
| 165 | WVA-01ACH |                                          |                                             |                     |                           |                                                  |              |
| 166 | WVA-13H   |                                          |                                             |                     |                           |                                                  |              |
| 167 | WVA-14ACH |                                          |                                             |                     |                           |                                                  |              |
| 168 | WVA-15ACH |                                          |                                             |                     |                           |                                                  |              |
| 169 | WVA-24ACH |                                          |                                             |                     |                           |                                                  |              |
| 170 | WVA-25ACH |                                          |                                             |                     |                           |                                                  |              |
| 171 | WVA-MAIN1 |                                          |                                             |                     |                           |                                                  |              |
| 172 | WVA-MAIN2 |                                          |                                             |                     |                           |                                                  |              |
| 173 | WVB-01ACH |                                          |                                             |                     |                           |                                                  |              |
| 174 | WVB-18ACH |                                          |                                             |                     |                           |                                                  |              |
| 175 | WVB-29ACH |                                          |                                             |                     |                           |                                                  |              |
| 176 | WVB-45ACH |                                          |                                             |                     |                           |                                                  |              |
| 177 | WV-01ACH  |                                          |                                             |                     |                           |                                                  |              |
| 178 | WVC-14ACH |                                          |                                             |                     |                           |                                                  |              |
| 179 | WVC-01VAS |                                          |                                             |                     |                           |                                                  |              |
| 180 | WVD-01ACH |                                          |                                             |                     |                           |                                                  |              |
| 179 | WVE-01ACH |                                          |                                             |                     |                           |                                                  |              |
| 180 | WVE-16ACH | ✓                                        | ✓                                           |                     |                           |                                                  |              |
|     |           |                                          |                                             |                     |                           |                                                  | 7/10/2008    |

JAN 28 2022  
ENGR. & ENVIRONMENTAL  
COMPLIANCE DIVISION

S - Box Sealed

| No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA<br>Reading<br>2 IN above<br>vault (PPM) | Repair Date | Repair/Remonitoring       |                                                  | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|-------------|---------------------------|--------------------------------------------------|--------------|
|     |           |                                          |                                             |             | Re-<br>monitoring<br>Date | OVA Reading<br>1 CM above<br>vault With<br>(PPM) |              |
|     |           |                                          |                                             |             |                           |                                                  |              |

V- Vacuum Adjusted

**City of Mountain View  
Shoreline Landfill  
Component leak check and repair form  
Site Name: 6 Acre North East**

Inspection Date: 2-15-22 Start Time: 9:00 AM Finish Time: 11:00 AM

Inspector Name: RAUL SANDA Instrument Used: TVA

Weather: CLEAR Leak Detected: NO LEAKS DETECTED ABOVE REGULATORY LIMITS

| S. No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA<br>Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                           |                                               | Action Taken |
|--------|-----------|------------------------------------------|---------------------------------------------|---------------------|---------------------------|-----------------------------------------------|--------------|
|        |           |                                          |                                             | Repair Date         | Re-<br>monitoring<br>Date | OVA Reading 1<br>CM above vault<br>With (PPM) |              |
| 1      | NEA01     | ND                                       | ND                                          |                     |                           |                                               |              |
| 2      | NEA01L    |                                          |                                             |                     |                           |                                               |              |
| 3      | NEA02     |                                          |                                             |                     |                           |                                               |              |
| 4      | NEA02L    |                                          |                                             |                     |                           |                                               |              |
| 5      | NEA03     |                                          |                                             |                     |                           |                                               |              |
| 6      | NEA03L    |                                          |                                             |                     |                           |                                               |              |
| 7      | NEA04     |                                          |                                             |                     |                           |                                               |              |
| 8      | NEA04L    |                                          |                                             |                     |                           |                                               |              |
| 9      | NEA05     |                                          |                                             |                     |                           |                                               |              |
| 10     | NEA05L    |                                          |                                             |                     |                           |                                               |              |
| 11     | NEA06     |                                          |                                             |                     |                           |                                               |              |
| 12     | NEA06L    |                                          |                                             |                     |                           |                                               |              |
| 13     | NEA07     |                                          |                                             |                     |                           |                                               |              |
| 14     | NEA07L    |                                          |                                             |                     |                           |                                               |              |
| 15     | NEA08     |                                          |                                             |                     |                           |                                               |              |
| 16     | NEA08L    |                                          |                                             |                     |                           |                                               |              |
| 17     | NEA09     |                                          |                                             |                     |                           |                                               |              |
| 18     | NEA09L    |                                          |                                             |                     |                           |                                               |              |
| 19     | NEA10     |                                          |                                             |                     |                           |                                               |              |
| 20     | NEA10L    |                                          |                                             |                     |                           |                                               |              |
| 21     | NEA11     |                                          |                                             |                     |                           |                                               |              |
| 22     | NEA11L    |                                          |                                             |                     |                           |                                               |              |
| 23     | NEA12     |                                          |                                             |                     |                           |                                               |              |
| 24     | NEA12L    |                                          |                                             |                     |                           |                                               |              |
| 25     | NEA13     |                                          |                                             |                     |                           |                                               |              |
| 26     | NEA13L    |                                          |                                             |                     |                           |                                               |              |
| 27     | NEA14     |                                          |                                             |                     |                           |                                               |              |
| 28     | NEA14L    |                                          |                                             |                     |                           |                                               |              |
| 29     | NEA15     |                                          |                                             |                     |                           |                                               |              |
| 30     | NEA15L    |                                          |                                             |                     |                           |                                               |              |
| 31     | NEA16     |                                          |                                             |                     |                           |                                               |              |
| 32     | NEA16L    |                                          |                                             |                     |                           |                                               |              |
| 33     | NEB01     |                                          |                                             |                     |                           |                                               |              |
| 34     | NEB01L    |                                          |                                             |                     |                           |                                               |              |
| 35     | NEB02     |                                          |                                             |                     |                           |                                               |              |
| 36     | NEB02L    |                                          |                                             |                     |                           |                                               |              |
| 37     | NEB03     |                                          |                                             |                     |                           |                                               |              |

| S. No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA<br>Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                           |                                               |              |
|--------|-----------|------------------------------------------|---------------------------------------------|---------------------|---------------------------|-----------------------------------------------|--------------|
|        |           |                                          |                                             | Repair Date         | Re-<br>monitoring<br>Date | OVA Reading 1<br>CM above vault<br>With (PPM) | Action Taken |
| 38     | NEB03L    | ND                                       | ND                                          |                     |                           |                                               |              |
| 39     | NEB04     |                                          |                                             |                     |                           |                                               |              |
| 40     | NEB04L    |                                          |                                             |                     |                           |                                               |              |
| 41     | NEB05     |                                          |                                             |                     |                           |                                               |              |
| 42     | NEB05L    |                                          |                                             |                     |                           |                                               |              |
| 43     | NEB06     |                                          |                                             |                     |                           |                                               |              |
| 44     | NEB06L    |                                          |                                             |                     |                           |                                               |              |
| 45     | NEB07     |                                          |                                             |                     |                           |                                               |              |
| 46     | NEB07L    |                                          |                                             |                     |                           |                                               |              |
| 47     | NEB08     |                                          |                                             |                     |                           |                                               |              |
| 48     | NEB08L    |                                          |                                             |                     |                           |                                               |              |
| 49     | NEB09     |                                          |                                             |                     |                           |                                               |              |
| 50     | NEB09L    |                                          |                                             |                     |                           |                                               |              |
| 51     | NEB10     |                                          |                                             |                     |                           |                                               |              |
| 52     | NEB10L    |                                          |                                             |                     |                           |                                               |              |
| 53     | NEB11     |                                          |                                             |                     |                           |                                               |              |
| 54     | NEB11L    |                                          |                                             |                     |                           |                                               |              |
| 55     | NEB12     |                                          |                                             |                     |                           |                                               |              |
| 56     | NEB12L    |                                          |                                             |                     |                           |                                               |              |
| 57     | NEB13     |                                          |                                             |                     |                           |                                               |              |
| 58     | NEB13L    |                                          |                                             |                     |                           |                                               |              |
| 59     | NEB14     |                                          |                                             |                     |                           |                                               |              |
| 60     | NEB14L    |                                          |                                             |                     |                           |                                               |              |
| 61     | NEC01     |                                          |                                             |                     |                           |                                               |              |
| 62     | NEC01L    |                                          |                                             |                     |                           |                                               |              |
| 63     | NEC02     |                                          |                                             |                     |                           |                                               |              |
| 64     | NEC02L    |                                          |                                             |                     |                           |                                               |              |
| 65     | NEC03     |                                          |                                             |                     |                           |                                               |              |
| 66     | NEC03L    |                                          |                                             |                     |                           |                                               |              |
| 67     | NED01     |                                          |                                             |                     |                           |                                               |              |
| 68     | NED01L    |                                          |                                             |                     |                           |                                               |              |
| 69     | NED02     |                                          |                                             |                     |                           |                                               |              |
| 70     | NED02L    |                                          |                                             |                     |                           |                                               |              |
| 71     | NED03     |                                          |                                             |                     |                           |                                               |              |
| 72     | NED03L    |                                          |                                             |                     |                           |                                               |              |
| 73     | NEE01     |                                          |                                             |                     |                           |                                               |              |
| 74     | NEE01L    |                                          |                                             |                     |                           |                                               |              |
| 75     | NEE02     |                                          |                                             |                     |                           |                                               |              |
| 76     | NEE02L    |                                          |                                             |                     |                           |                                               |              |
| 77     | NEE03     |                                          |                                             |                     |                           |                                               |              |
| 78     | NEE03L    |                                          |                                             |                     |                           |                                               |              |
| 79     | NEE04     |                                          |                                             |                     |                           |                                               |              |
| 80     | NEE04L    |                                          |                                             |                     |                           |                                               |              |
| 81     | NEE05     |                                          |                                             |                     |                           |                                               |              |
| 82     | NEE05L    |                                          |                                             |                     |                           |                                               |              |
| 83     | NEE06     |                                          |                                             |                     |                           |                                               |              |
| 84     | NEE06L    |                                          |                                             |                     |                           |                                               |              |
| 85     | NESE02    |                                          |                                             |                     |                           |                                               |              |
| 86     | NESE01    |                                          |                                             |                     |                           |                                               |              |

| S. No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA<br>Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                           |                                               | Action Taken |
|--------|-----------|------------------------------------------|---------------------------------------------|---------------------|---------------------------|-----------------------------------------------|--------------|
|        |           |                                          |                                             | Repair Date         | Re-<br>monitoring<br>Date | OVA Reading 1<br>CM above vault<br>With (PPM) |              |
| 87     | NESB05    | ND                                       | ND                                          |                     |                           |                                               |              |
| 88     | NESB04    |                                          |                                             |                     |                           |                                               |              |
| 89     | NESB03    |                                          |                                             |                     |                           |                                               |              |
| 90     | NESB02    |                                          |                                             |                     |                           |                                               |              |
| 91     | NESB01    |                                          |                                             |                     |                           |                                               |              |
| 92     | NESD01    |                                          |                                             |                     |                           |                                               |              |
| 93     | NESA05    |                                          |                                             |                     |                           |                                               |              |
| 94     | NESA04    |                                          |                                             |                     |                           |                                               |              |
| 95     | NESA03    |                                          |                                             |                     |                           |                                               |              |
| 96     | NESA02    |                                          |                                             |                     |                           |                                               |              |
| 97     | NESA01    |                                          |                                             |                     |                           |                                               |              |
| 98     | NESE04    |                                          |                                             |                     |                           |                                               |              |
| 99     | NESE03    |                                          |                                             |                     |                           |                                               |              |
| 100    | NECVA01   |                                          |                                             |                     |                           |                                               |              |
| 101    | NECVA02   |                                          |                                             |                     |                           |                                               |              |
| 102    | NECVA03   |                                          |                                             |                     |                           |                                               |              |
| 103    | NECVA04   |                                          |                                             |                     |                           |                                               |              |
| 104    | NECVB01   |                                          |                                             |                     |                           |                                               |              |
| 105    | NECVB02   |                                          |                                             |                     |                           |                                               |              |
| 106    | NECVB03   |                                          |                                             |                     |                           |                                               |              |
| 107    | NECVB04   |                                          |                                             |                     |                           |                                               |              |
| 108    | NECVB05   |                                          |                                             |                     |                           |                                               |              |
| 109    | NECVC01   |                                          |                                             |                     |                           |                                               |              |
| 110    | NECVD01   |                                          |                                             |                     |                           |                                               |              |
| 111    | NECVD02   |                                          |                                             |                     |                           |                                               |              |
| 112    | NECVE03   |                                          |                                             |                     |                           |                                               |              |
| 113    | NECVE02   |                                          |                                             |                     |                           |                                               |              |
| 114    | NECVE01   |                                          |                                             |                     |                           |                                               |              |
| 115    | 6ANEMCV   |                                          |                                             |                     |                           |                                               |              |
| 116    | NEGVA01   |                                          |                                             |                     |                           |                                               |              |
| 117    | NEGVA02   |                                          |                                             |                     |                           |                                               |              |
| 118    | NEGVA03   |                                          |                                             |                     |                           |                                               |              |
| 119    | NEGVA04   |                                          |                                             |                     |                           |                                               |              |
| 120    | NEGVB01   |                                          |                                             |                     |                           |                                               |              |
| 121    | NEGVB02   |                                          |                                             |                     |                           |                                               |              |
| 122    | NEGVB03   |                                          |                                             |                     |                           |                                               |              |
| 123    | NEGVB04   |                                          |                                             |                     |                           |                                               |              |
| 124    | NEGVB05   |                                          |                                             |                     |                           |                                               |              |
| 125    | NEGVC01   |                                          |                                             |                     |                           |                                               |              |
| 126    | NEGVD01   |                                          |                                             |                     |                           |                                               |              |
| 127    | NEGVD02   |                                          |                                             |                     |                           |                                               |              |
| 128    | NEGVE03   |                                          |                                             |                     |                           |                                               |              |
| 129    | NEGVE02   |                                          |                                             |                     |                           |                                               |              |
| 130    | NEGVE01   |                                          |                                             |                     |                           |                                               |              |
| 131    | NETPA01W  |                                          |                                             |                     |                           |                                               |              |
| 132    | NETPA01E  |                                          |                                             |                     |                           |                                               |              |
| 133    | NETPA02N  |                                          |                                             |                     |                           |                                               |              |
| 134    | NETPA02S  |                                          |                                             |                     |                           |                                               |              |
| 135    | NETPA03S  |                                          |                                             |                     |                           |                                               |              |





**City of Mountain View  
Shoreline Landfill  
Component Leak Check and Repair Form  
Site Name: Front Nine**

Inspection Date: 2-16-22 Start Time: 12:30 pm Finish Time: 2:30 pm

Inspector Name: RAUL SANDA Instrument Used: TVA

Weather: CLEAR Leak Detected: NO LEAKS DETECTED ABOVE REGULATORY LIMITS.

| No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA<br>Reading<br>IN above<br>vault (PPM) | Repair/Remonitoring |                           |                                               |              |
|-----|-----------|------------------------------------------|-------------------------------------------|---------------------|---------------------------|-----------------------------------------------|--------------|
|     |           |                                          |                                           | Repair Date         | Re-<br>monitoring<br>Date | OVA Reading 1<br>CM above vault<br>With (PPM) | Action Taken |
| 1   | A-05      | ND                                       | ND                                        |                     |                           |                                               |              |
| 2   | A0-5V     |                                          |                                           |                     |                           |                                               |              |
| 3   | A-16      |                                          |                                           |                     |                           |                                               |              |
| 4   | A-16V     |                                          |                                           |                     |                           |                                               |              |
| 5   | AC-01     |                                          |                                           |                     |                           |                                               |              |
| 6   | AC-10     |                                          |                                           |                     |                           |                                               |              |
| 7   | AC-11     |                                          |                                           |                     |                           |                                               |              |
| 8   | AC-12     |                                          |                                           |                     |                           |                                               |              |
| 9   | AC-02     |                                          |                                           |                     |                           |                                               |              |
| 10  | AC-03     |                                          |                                           |                     |                           |                                               |              |
| 11  | AC-04     |                                          |                                           |                     |                           |                                               |              |
| 12  | AC-05     |                                          |                                           |                     |                           |                                               |              |
| 13  | AC-06     |                                          |                                           |                     |                           |                                               |              |
| 14  | AC-07     |                                          |                                           |                     |                           |                                               |              |
| 15  | AC-08     |                                          |                                           |                     |                           |                                               |              |
| 16  | AC-09     |                                          |                                           |                     |                           |                                               |              |
| 17  | B-12      |                                          |                                           |                     |                           |                                               |              |
| 18  | B-12V     |                                          |                                           |                     |                           |                                               |              |
| 19  | B-02      |                                          |                                           |                     |                           |                                               |              |
| 20  | B-02V     |                                          |                                           |                     |                           |                                               |              |
| 21  | B-20      |                                          |                                           |                     |                           |                                               |              |
| 22  | B-20V     |                                          |                                           |                     |                           |                                               |              |
| 23  | B-24      |                                          |                                           |                     |                           |                                               |              |
| 24  | B-24V     |                                          |                                           |                     |                           |                                               |              |
| 25  | B-28      |                                          |                                           |                     |                           |                                               |              |
| 26  | B-28V     |                                          |                                           |                     |                           |                                               |              |
| 27  | B-03      |                                          |                                           |                     |                           |                                               |              |
| 28  | B-03V     |                                          |                                           |                     |                           |                                               |              |
| 29  | B-04      |                                          |                                           |                     |                           |                                               |              |
| 30  | B-04V     |                                          |                                           |                     |                           |                                               |              |
| 31  | FHZ-01    |                                          |                                           |                     |                           |                                               |              |
| 32  | FHZ-02    |                                          |                                           |                     |                           |                                               |              |
| 33  | FHZ-03    |                                          |                                           |                     |                           |                                               |              |
| 34  | FHZ-04    |                                          |                                           |                     |                           |                                               |              |
| 35  | FHZ-05    |                                          |                                           |                     |                           |                                               |              |
| 36  | FS-01     |                                          |                                           |                     |                           |                                               |              |
| 37  | FS-10     |                                          |                                           |                     |                           |                                               |              |

| No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA<br>Reading<br>IN above<br>vault (PPM) | Repair/Remonitoring |                           |                                               | Action Taken |
|-----|-----------|------------------------------------------|-------------------------------------------|---------------------|---------------------------|-----------------------------------------------|--------------|
|     |           |                                          |                                           | Repair Date         | Re-<br>monitoring<br>Date | OVA Reading 1<br>CM above vault<br>With (PPM) |              |
| 38  | FS-11     | ND                                       | ND                                        |                     |                           |                                               |              |
| 39  | FS-12     |                                          |                                           |                     |                           |                                               |              |
| 40  | FS-13     |                                          |                                           |                     |                           |                                               |              |
| 41  | FS-14     |                                          |                                           |                     |                           |                                               |              |
| 42  | FS-02     |                                          |                                           |                     |                           |                                               |              |
| 43  | FS-03     |                                          |                                           |                     |                           |                                               |              |
| 44  | FS-04     |                                          |                                           |                     |                           |                                               |              |
| 45  | FS-05     |                                          |                                           |                     |                           |                                               |              |
| 46  | FS-06     |                                          |                                           |                     |                           |                                               |              |
| 47  | FS-07     |                                          |                                           |                     |                           |                                               |              |
| 48  | FS-08     |                                          |                                           |                     |                           |                                               |              |
| 49  | FS-09     |                                          |                                           |                     |                           |                                               |              |
| 50  | FTY-02    |                                          |                                           |                     |                           |                                               |              |
| 51  | FYV-2H    |                                          |                                           |                     |                           |                                               |              |
| 52  | HVA-02    |                                          |                                           |                     |                           |                                               |              |
| 53  | HVB-01    |                                          |                                           |                     |                           |                                               |              |
| 54  | HVD-01    |                                          |                                           |                     |                           |                                               |              |
| 55  | LE-01     |                                          |                                           |                     |                           |                                               |              |
| 56  | LE-01V    |                                          |                                           |                     |                           |                                               |              |
| 57  | LE--02    |                                          |                                           |                     |                           |                                               |              |
| 58  | LE-02V    |                                          |                                           |                     |                           |                                               |              |
| 59  | LE-03     |                                          |                                           |                     |                           |                                               |              |
| 60  | LE-03V    |                                          |                                           |                     |                           |                                               |              |
| 61  | LE-04     |                                          |                                           |                     |                           |                                               |              |
| 62  | LE-04V    |                                          |                                           |                     |                           |                                               |              |
| 63  | MPHZV     |                                          |                                           |                     |                           |                                               |              |
| 64  | SC-01AV   |                                          |                                           |                     |                           |                                               |              |
| 65  | SC-02AV   |                                          |                                           |                     |                           |                                               |              |
| 66  | SC03AV    |                                          |                                           |                     |                           |                                               |              |
| 67  | SCHDR-01  |                                          |                                           |                     |                           |                                               |              |
| 68  | TPA-01    |                                          |                                           |                     |                           |                                               |              |
| 69  | TPA-02    |                                          |                                           |                     |                           |                                               |              |
| 70  | TPA-03    |                                          |                                           |                     |                           |                                               |              |
| 71  | TPA-04    |                                          |                                           |                     |                           |                                               |              |
| 72  | TPA-05    |                                          |                                           |                     |                           |                                               |              |
| 73  | TPA-06    |                                          |                                           |                     |                           |                                               |              |
| 74  | TPA-07    |                                          |                                           |                     |                           |                                               |              |
| 75  | TPA-08    |                                          |                                           |                     |                           |                                               |              |
| 76  | TPB-01    |                                          |                                           |                     |                           |                                               |              |
| 77  | TPB-02    |                                          |                                           |                     |                           |                                               |              |
| 78  | TPB-03    |                                          |                                           |                     |                           |                                               |              |
| 79  | TPB-04    |                                          |                                           |                     |                           |                                               |              |
| 80  | TPB-05    |                                          |                                           |                     |                           |                                               |              |
| 81  | TPB-06    |                                          |                                           |                     |                           |                                               |              |
| 82  | TPB-06A   |                                          |                                           |                     |                           |                                               |              |
| 83  | TPB0-7    |                                          |                                           |                     |                           |                                               |              |
| 84  | TPB-08    |                                          |                                           |                     |                           |                                               |              |
| 85  | TPD-01A   |                                          |                                           |                     |                           |                                               |              |
| 86  | TPY-01    |                                          |                                           |                     |                           |                                               |              |



**City of Mountain View  
Shoreline Landfill  
Component leak check and repair form  
Site Name: Crittenden**

Inspection Date: 3-10-22 Start Time: 7:30 AM Finish Time: 9:30 AM

Inspector Name: RAUL SANDA Instrument Used: TVA

Weather: CLEAR Leak Detected: NO LEAKS DETECTED ABOVE REGULATORY LIMIT

| No. | Component     | OVA Reading<br>1 CM above<br>vault (PPM) | OVA Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                       |                                               |              |
|-----|---------------|------------------------------------------|------------------------------------------|---------------------|-----------------------|-----------------------------------------------|--------------|
|     |               |                                          |                                          | Repair<br>Date      | Re-monitoring<br>Date | OVA Reading 1<br>CM above vault<br>With (PPM) | Action Taken |
| 1   | A/BHDRCON     | NO                                       | NO                                       |                     |                       |                                               |              |
| 2   | B/CHDRCON     |                                          |                                          |                     |                       |                                               |              |
| 3   | CDHDRCON      |                                          |                                          |                     |                       |                                               |              |
| 4   | CRA-01        |                                          |                                          |                     |                       |                                               |              |
| 5   | CRA-01V       |                                          |                                          |                     |                       |                                               |              |
| 6   | CRA-02R       |                                          |                                          |                     |                       |                                               |              |
| 7   | CRA-02RV      |                                          |                                          |                     |                       |                                               |              |
| 8   | CRA-03        |                                          |                                          |                     |                       |                                               |              |
| 9   | CRA-03V       |                                          |                                          |                     |                       |                                               |              |
| 10  | CRA-04        |                                          |                                          |                     |                       |                                               |              |
| 11  | CRA-04V       |                                          |                                          |                     |                       |                                               |              |
| 12  | CRA-05R       |                                          |                                          |                     |                       |                                               |              |
| 13  | CRA-05RV      |                                          |                                          |                     |                       |                                               |              |
| 14  | CRA-06        |                                          |                                          |                     |                       |                                               |              |
| 15  | CRA-06V       |                                          |                                          |                     |                       |                                               |              |
| 16  | CR07          |                                          |                                          |                     |                       |                                               |              |
| 17  | CRA-07V       |                                          |                                          |                     |                       |                                               |              |
| 18  | CRA-08        |                                          |                                          |                     |                       |                                               |              |
| 19  | CRA-08V       |                                          |                                          |                     |                       |                                               |              |
| 20  | CRA-09        |                                          |                                          |                     |                       |                                               |              |
| 21  | CRA-09V       |                                          |                                          |                     |                       |                                               |              |
| 22  | CRA-10        |                                          |                                          |                     |                       |                                               |              |
| 23  | CRA-10V       |                                          |                                          |                     |                       |                                               |              |
| 24  | CRA-11        |                                          |                                          |                     |                       |                                               |              |
| 25  | CRA-11V       |                                          |                                          |                     |                       |                                               |              |
| 26  | CRA-12        |                                          |                                          |                     |                       |                                               |              |
| 27  | CRA-12V       |                                          |                                          |                     |                       |                                               |              |
| 28  | CRA-13        |                                          |                                          |                     |                       |                                               |              |
| 29  | CRA-13V       |                                          |                                          |                     |                       |                                               |              |
| 30  | CRB-01        |                                          |                                          |                     |                       |                                               |              |
| 31  | CRB-01 Bottom |                                          |                                          |                     |                       |                                               |              |
| 32  | CRB1VA Top    |                                          |                                          |                     |                       |                                               |              |
| 33  | CRB-02        |                                          |                                          |                     |                       |                                               |              |
| 34  | CRB2VA Bottom |                                          |                                          |                     |                       |                                               |              |
| 35  | CRB2VA Top    |                                          |                                          |                     |                       |                                               |              |
| 36  | CRB-03        |                                          |                                          |                     |                       |                                               |              |
| 37  | CRB3VA Bottom |                                          |                                          |                     |                       |                                               |              |
| 38  | CRB3VA Top    |                                          |                                          |                     |                       |                                               |              |

| No. | Component      | OVA Reading<br>1 CM above<br>vault (PPM) | OVA Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                       |                                               |              |
|-----|----------------|------------------------------------------|------------------------------------------|---------------------|-----------------------|-----------------------------------------------|--------------|
|     |                |                                          |                                          | Repair<br>Date      | Re-monitoring<br>Date | OVA Reading 1<br>CM above vault<br>With (PPM) | Action Taken |
| 39  | CRB-04         | ND                                       | ND                                       |                     |                       |                                               |              |
| 40  | CRB4VA Bottom  |                                          |                                          |                     |                       |                                               |              |
| 41  | CRB4VA Top     |                                          |                                          |                     |                       |                                               |              |
| 42  | CRB-05         |                                          |                                          |                     |                       |                                               |              |
| 43  | CRB5VA Bottom  |                                          |                                          |                     |                       |                                               |              |
| 44  | CRB5VA Top     |                                          |                                          |                     |                       |                                               |              |
| 45  | CRB-06         |                                          |                                          |                     |                       |                                               |              |
| 46  | CRB6VA Bottom  |                                          |                                          |                     |                       |                                               |              |
| 47  | CRB6VA Top     |                                          |                                          |                     |                       |                                               |              |
| 48  | CRB-07R        |                                          |                                          |                     |                       |                                               |              |
| 49  | CRB7RVA Top    |                                          |                                          |                     |                       |                                               |              |
| 50  | CRB7RVA Bottom |                                          |                                          |                     |                       |                                               |              |
| 51  | CRB7VA Top     |                                          |                                          |                     |                       |                                               |              |
| 52  | CRB7VA Bottom  |                                          |                                          |                     |                       |                                               |              |
| 53  | CRB-08         |                                          |                                          |                     |                       |                                               |              |
| 54  | CRB8VA Top     |                                          |                                          |                     |                       |                                               |              |
| 55  | CRB8VA Bottom  |                                          |                                          |                     |                       |                                               |              |
| 56  | CRC-01         |                                          |                                          |                     |                       |                                               |              |
| 57  | CRC1VA         |                                          |                                          |                     |                       |                                               |              |
| 58  | CRC-02         |                                          |                                          |                     |                       |                                               |              |
| 59  | CRC2VA         |                                          |                                          |                     |                       |                                               |              |
| 60  | CRC-03         |                                          |                                          |                     |                       |                                               |              |
| 61  | CRC3VA         |                                          |                                          |                     |                       |                                               |              |
| 62  | CRC-04         |                                          |                                          |                     |                       |                                               |              |
| 63  | CRC4VA         |                                          |                                          |                     |                       |                                               |              |
| 64  | CRD-01         |                                          |                                          |                     |                       |                                               |              |
| 65  | CRD1VA         |                                          |                                          |                     |                       |                                               |              |
| 66  | CRD-02         |                                          |                                          |                     |                       |                                               |              |
| 67  | CRD2VA         |                                          |                                          |                     |                       |                                               |              |
| 68  | CRD-03         |                                          |                                          |                     |                       |                                               |              |
| 69  | CRD3VA         |                                          |                                          |                     |                       |                                               |              |
| 70  | CRD-04         |                                          |                                          |                     |                       |                                               |              |
| 71  | CRD-04VA       |                                          |                                          |                     |                       |                                               |              |
| 72  | CRD-05         |                                          |                                          |                     |                       |                                               |              |
| 73  | CRD5VA         |                                          |                                          |                     |                       |                                               |              |
| 74  | CRD-06         |                                          |                                          |                     |                       |                                               |              |
| 75  | CRD6VA         |                                          |                                          |                     |                       |                                               |              |
| 76  | CRD-07         |                                          |                                          |                     |                       |                                               |              |
| 77  | CRD7VA         |                                          |                                          |                     |                       |                                               |              |
| 78  | CRD-08         |                                          |                                          |                     |                       |                                               |              |
| 79  | CRD8VA         |                                          |                                          |                     |                       |                                               |              |
| 80  | CRD-09         |                                          |                                          |                     |                       |                                               |              |
| 81  | CRD9VA         |                                          |                                          |                     |                       |                                               |              |
| 82  | CRD10          |                                          |                                          |                     |                       |                                               |              |
| 83  | CRD10VA        |                                          |                                          |                     |                       |                                               |              |
| 84  | CRD11          |                                          |                                          |                     |                       |                                               |              |
| 85  | CRD11VA        |                                          |                                          |                     |                       |                                               |              |
| 86  | CRDAVA         |                                          |                                          |                     |                       |                                               |              |
| 87  | CRH5TP         |                                          |                                          |                     |                       |                                               |              |

| No. | Component  | OVA Reading<br>1 CM above<br>vault (PPM) | OVA Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                       |                                               |              |
|-----|------------|------------------------------------------|------------------------------------------|---------------------|-----------------------|-----------------------------------------------|--------------|
|     |            |                                          |                                          | Repair<br>Date      | Re-monitoring<br>Date | OVA Reading 1<br>CM above vault<br>With (PPM) | Action Taken |
| 88  | CRHV8TP    | ND                                       | ND                                       |                     |                       |                                               |              |
| 89  | CRHVA10TP  |                                          |                                          |                     |                       |                                               |              |
| 90  | CRHVA4TP   |                                          |                                          |                     |                       |                                               |              |
| 91  | CRHVB1TP   |                                          |                                          |                     |                       |                                               |              |
| 92  | CRHVB3TP   |                                          |                                          |                     |                       |                                               |              |
| 93  | CRHVB5TP   |                                          |                                          |                     |                       |                                               |              |
| 94  | CRHVD8TP   |                                          |                                          |                     |                       |                                               |              |
| 95  | CRS1       |                                          |                                          |                     |                       |                                               |              |
| 96  | CRS2       |                                          |                                          |                     |                       |                                               |              |
| 97  | CRS3       |                                          |                                          |                     |                       |                                               |              |
| 98  | CRS4       |                                          |                                          |                     |                       |                                               |              |
| 99  | CRS6A      |                                          |                                          |                     |                       |                                               |              |
| 100 | CRV5AC     |                                          |                                          |                     |                       |                                               |              |
| 101 | CRVA1ACTP  |                                          |                                          |                     |                       |                                               |              |
| 102 | CRVA2ACTP3 |                                          |                                          |                     |                       |                                               |              |
| 103 | CRVA6AC    |                                          |                                          |                     |                       |                                               |              |
| 104 | CRVA7AC    |                                          |                                          |                     |                       |                                               |              |
| 105 | CRVAC3TP6  |                                          |                                          |                     |                       |                                               |              |
| 106 | CRVAMAIN   |                                          |                                          |                     |                       |                                               |              |
| 107 | CRVB1AC    |                                          |                                          |                     |                       |                                               |              |
| 108 | CRVB2ACTP  |                                          |                                          |                     |                       |                                               |              |
| 109 | CRVB3ACTP4 |                                          |                                          |                     |                       |                                               |              |
| 110 | CRVB4AC    |                                          |                                          |                     |                       |                                               |              |
| 111 | CRVC1AC    |                                          |                                          |                     |                       |                                               |              |
| 112 | CRVC3AC    |                                          |                                          |                     |                       |                                               |              |
| 113 | CRVCAC2TP  |                                          |                                          |                     |                       |                                               |              |
| 114 | CRVD1AC    |                                          |                                          |                     |                       |                                               |              |
| 115 | CRVD2AC    |                                          |                                          |                     |                       |                                               |              |
| 116 | CRVD3AC    |                                          |                                          |                     |                       |                                               |              |
| 117 | CRVD5AC    |                                          |                                          |                     |                       |                                               |              |
| 118 | CRVH2TP    |                                          |                                          |                     |                       |                                               |              |
| 119 | CRVH4AC    |                                          |                                          |                     |                       |                                               |              |
| 120 | CRVHA9TP   |                                          |                                          |                     |                       |                                               |              |
| 121 | CRVHB6TP   |                                          |                                          |                     |                       |                                               |              |
| 122 | CRVHC1TP   |                                          |                                          |                     |                       |                                               |              |
| 123 | CRVHC3TP   |                                          |                                          |                     |                       |                                               |              |
| 124 | CRVHC4TP   |                                          |                                          |                     |                       |                                               |              |
| 125 | CRVHD1     |                                          |                                          |                     |                       |                                               |              |
| 126 | CRVHD3TP   |                                          |                                          |                     |                       |                                               |              |
| 127 | CRVHD5TP   |                                          |                                          |                     |                       |                                               |              |
| 128 | CRVHDNORTH |                                          |                                          |                     |                       |                                               |              |
| 129 | CRVHMAIN   |                                          |                                          |                     |                       |                                               |              |
| 130 | CTPA11     |                                          |                                          |                     |                       |                                               |              |
| 131 | CTPA7      |                                          |                                          |                     |                       |                                               |              |
| 132 | CTPD1      |                                          |                                          |                     |                       |                                               |              |
| 133 | CTPD10     |                                          |                                          |                     |                       |                                               |              |
| 134 | CTPD11     |                                          |                                          |                     |                       |                                               |              |
| 135 | CTPD2      |                                          |                                          |                     |                       |                                               |              |
| 136 | CTPD4      |                                          |                                          |                     |                       |                                               |              |

| No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                       |                                               |              |
|-----|-----------|------------------------------------------|------------------------------------------|---------------------|-----------------------|-----------------------------------------------|--------------|
|     |           |                                          |                                          | Repair<br>Date      | Re-monitoring<br>Date | OVA Reading 1<br>CM above vault<br>With (PPM) | Action Taken |
| 137 | CTPD9     | ND                                       | ND                                       |                     |                       |                                               |              |
| 138 | CVT1      |                                          |                                          |                     |                       |                                               |              |
| 139 | CVT2      |                                          |                                          |                     |                       |                                               |              |
| 140 | CVT4      |                                          |                                          |                     |                       |                                               |              |
| 141 | CVT5      |                                          |                                          |                     |                       |                                               |              |
| 142 | CVT6      |                                          |                                          |                     |                       |                                               |              |
| 143 | CVT7      |                                          |                                          |                     |                       |                                               |              |
| 144 | CVT8      |                                          |                                          |                     |                       |                                               |              |
| 145 | CVTA1     |                                          |                                          |                     |                       |                                               |              |
| 146 | CVTB1/2   |                                          |                                          |                     |                       |                                               |              |
| 147 | CVTC1/2   |                                          |                                          |                     |                       |                                               |              |
| 148 | CVTD1/2   |                                          |                                          |                     |                       |                                               |              |
| 149 | CVTF-1/2  |                                          |                                          |                     |                       |                                               |              |
| 150 | CVTG1     |                                          |                                          |                     |                       |                                               |              |
| 151 | EFHDRCON  |                                          |                                          |                     |                       |                                               |              |
| 152 | FGHDRCON  |                                          |                                          |                     |                       |                                               |              |
| 153 | CS1       |                                          |                                          |                     |                       |                                               |              |
| 154 | CS10      |                                          |                                          |                     |                       |                                               |              |
| 155 | CS11      |                                          |                                          |                     |                       |                                               |              |
| 156 | CS12      |                                          |                                          |                     |                       |                                               |              |
| 157 | CS13      |                                          |                                          |                     |                       |                                               |              |
| 158 | CS14      |                                          |                                          |                     |                       |                                               |              |
| 159 | CS15      |                                          |                                          |                     |                       |                                               |              |
| 160 | CS17      |                                          |                                          |                     |                       |                                               |              |
| 161 | CS18      |                                          |                                          |                     |                       |                                               |              |
| 162 | CS2       |                                          |                                          |                     |                       |                                               |              |
| 163 | CS3       |                                          |                                          |                     |                       |                                               |              |
| 164 | CS4       |                                          |                                          |                     |                       |                                               |              |
| 165 | CS5       |                                          |                                          |                     |                       |                                               |              |
| 166 | CS6       |                                          |                                          |                     |                       |                                               |              |
| 167 | CS7       |                                          |                                          |                     |                       |                                               |              |
| 168 | CS8       |                                          |                                          |                     |                       |                                               |              |
| 169 | CS9       |                                          |                                          |                     |                       |                                               |              |
|     |           | T=Top                                    | B=Bottom                                 |                     |                       |                                               |              |

2011-05-11a

S - Box Sealed  
V - Vacuum Adjusted

MAR 31 2022  
ENGR. & ENVIRONMENTAL  
COMPLIANCE DIVISION

**City of Mountain View  
Shoreline Landfill  
Component leak check and repair form  
Site Name: NORTHSORE**

Inspection Date: 3-10-22 Start Time: 12:00 PM Finish Time: 1:25 PM

Inspector Name: RAUL SANDA Instrument Used: TVA

Weather: CLEAR Leak detected: NO LEAKS DETECTED ABOVE REGULATORY LIMITS

| No. | Component | OVA Reading 1 CM above vault (PPM) | OVA Reading 2 IN above vault (PPM) | Repair/Remonitoring |                    |                                         |              |
|-----|-----------|------------------------------------|------------------------------------|---------------------|--------------------|-----------------------------------------|--------------|
|     |           |                                    |                                    | Repair Date         | Re-monitoring Date | OVA Reading 1 CM above vault With (PPM) | Action Taken |
| 1   | WN-01     | ND                                 | ND                                 |                     |                    |                                         |              |
| 2   | WN-01V    |                                    |                                    |                     |                    |                                         |              |
| 3   | WN-02     |                                    |                                    |                     |                    |                                         |              |
| 4   | WN-02V    |                                    |                                    |                     |                    |                                         |              |
| 5   | WN-03R    |                                    |                                    |                     |                    |                                         |              |
| 6   | WN-03RV   |                                    |                                    |                     |                    |                                         |              |
| 7   | WN-04     |                                    |                                    |                     |                    |                                         |              |
| 8   | WN-04V    |                                    |                                    |                     |                    |                                         |              |
| 9   | WN-04A    |                                    |                                    |                     |                    |                                         |              |
| 10  | WN-04AV   |                                    |                                    |                     |                    |                                         |              |
| 11  | WN-05     |                                    |                                    |                     |                    |                                         |              |
| 12  | WN-05V    |                                    |                                    |                     |                    |                                         |              |
| 13  | WN-06     |                                    |                                    |                     |                    |                                         |              |
| 14  | WN-06V    |                                    |                                    |                     |                    |                                         |              |
| 15  | WN-07     |                                    |                                    |                     |                    |                                         |              |
| 16  | WN-07V    |                                    |                                    |                     |                    |                                         |              |
| 17  | WN-08     |                                    |                                    |                     |                    |                                         |              |
| 18  | WN-08V    |                                    |                                    |                     |                    |                                         |              |
| 19  | WN-09     |                                    |                                    |                     |                    |                                         |              |
| 20  | WN-09V    |                                    |                                    |                     |                    |                                         |              |
| 21  | WN-10     |                                    |                                    |                     |                    |                                         |              |
| 22  | WN-10V    |                                    |                                    |                     |                    |                                         |              |
| 23  | WN-11     |                                    |                                    |                     |                    |                                         |              |
| 24  | WN-11V    |                                    |                                    |                     |                    |                                         |              |
| 25  | WN-12     |                                    |                                    |                     |                    |                                         |              |
| 26  | WN-12V    |                                    |                                    |                     |                    |                                         |              |
| 27  | WN-13     |                                    |                                    |                     |                    |                                         |              |
| 28  | WN-13V    |                                    |                                    |                     |                    |                                         |              |
| 29  | WSN-01    |                                    |                                    |                     |                    |                                         |              |
| 30  | WSN-02    |                                    |                                    |                     |                    |                                         |              |
| 31  | WSN-03    |                                    |                                    |                     |                    |                                         |              |
| 32  | WSN-04    |                                    |                                    |                     |                    |                                         |              |
| 33  | WSN-05    |                                    |                                    |                     |                    |                                         |              |
| 34  | WTPN-13   |                                    |                                    |                     |                    |                                         |              |
| 35  | WTPN-15   |                                    |                                    |                     |                    |                                         |              |
| 36  | WTPN-49   |                                    |                                    |                     |                    |                                         |              |
| 37  | WTPN-50   |                                    |                                    |                     |                    |                                         |              |



| No. | Component  | OVA Reading 1 CM above vault (PPM) | OVA Reading 2 IN above vault (PPM) | Repair/Remonitoring |                    |                                         |              |
|-----|------------|------------------------------------|------------------------------------|---------------------|--------------------|-----------------------------------------|--------------|
|     |            |                                    |                                    | Repair Date         | Re-monitoring Date | OVA Reading 1 CM above vault With (PPM) | Action Taken |
| 38  | WTPN-06    | ND                                 | ND                                 |                     |                    |                                         |              |
| 39  | WTPN-60    |                                    |                                    |                     |                    |                                         |              |
| 40  | WTPN-70    |                                    |                                    |                     |                    |                                         |              |
| 41  | WTPN-78    |                                    |                                    |                     |                    |                                         |              |
| 42  | WVN-50ACH  |                                    |                                    |                     |                    |                                         |              |
| 43  | WVN-01ACH  |                                    |                                    |                     |                    |                                         |              |
| 44  | WVN-064ACH |                                    |                                    |                     |                    |                                         |              |
|     |            |                                    |                                    |                     |                    |                                         |              |
|     |            |                                    |                                    |                     |                    |                                         |              |
|     |            |                                    |                                    |                     |                    |                                         | 2011-05-11a  |

S - Box Sealed  
V- Vacuum Adjusted

MAR 31 2022  
ENGR. & ENVIRONMENTAL  
COMPLIANCE DIVISION

**City of Mountain View  
Shoreline Landfill  
Component leak check and repair form  
Site Name: VISTA**

Inspection Date: 4/28/22 Start Time: 7:00 Am Finish Time: 11:00 Am

Inspector Name: Jason R. Bean Instrument Used: TVA

Weather: Clear Wind Speed: ND Leak Detected: No leaks detected over regulatory limit -A.S.

| No. | Component | OVA Reading 1<br>CM above<br>vault (PPM) | OVA Reading 2<br>IN above<br>vault (PPM) | Repair/Remonitoring |                    |                                                   | Action Taken |
|-----|-----------|------------------------------------------|------------------------------------------|---------------------|--------------------|---------------------------------------------------|--------------|
|     |           |                                          |                                          | Repair Date         | Re-monitoring Date | OVA Reading one centimeter above vault With (PPM) |              |
| 1   | ACDRAIN-1 | ND                                       | ND                                       |                     |                    |                                                   |              |
| 2   | BGTP-01   |                                          |                                          |                     |                    |                                                   |              |
| 3   | BGTP-02   |                                          |                                          |                     |                    |                                                   |              |
| 4   | BGV-01H   |                                          |                                          |                     |                    |                                                   |              |
| 5   | BGV-1AC   |                                          |                                          |                     |                    |                                                   |              |
| 6   | VLE-01    |                                          |                                          |                     |                    |                                                   |              |
| 7   | VLE-02    |                                          |                                          |                     |                    |                                                   |              |
| 8   | VA-01A    |                                          |                                          |                     |                    |                                                   |              |
| 9   | VA-01AC   |                                          |                                          |                     |                    |                                                   |              |
| 10  | VA-01AL   |                                          |                                          |                     |                    |                                                   |              |
| 11  | VA-01C    |                                          |                                          |                     |                    |                                                   |              |
| 12  | VA-02AC   |                                          |                                          |                     |                    |                                                   |              |
| 13  | VA-01     |                                          |                                          |                     |                    |                                                   |              |
| 14  | VA-01V    |                                          |                                          |                     |                    |                                                   |              |
| 15  | VA-02     |                                          |                                          |                     |                    |                                                   |              |
| 16  | VA-02V    |                                          |                                          |                     |                    |                                                   |              |
| 17  | VA-03     |                                          |                                          |                     |                    |                                                   |              |
| 18  | VA-03V    |                                          |                                          |                     |                    |                                                   |              |
| 19  | VA3A      |                                          |                                          |                     |                    |                                                   |              |
| 20  | VA-03AV   |                                          |                                          |                     |                    |                                                   |              |
| 21  | VA-04     |                                          |                                          |                     |                    |                                                   |              |
| 22  | VA-04V    |                                          |                                          |                     |                    |                                                   |              |
| 23  | VA-05     |                                          |                                          |                     |                    |                                                   |              |
| 24  | VA-05V    |                                          |                                          |                     |                    |                                                   |              |
| 25  | VA-06     |                                          |                                          |                     |                    |                                                   |              |
| 26  | VA-06V    |                                          |                                          |                     |                    |                                                   |              |
| 27  | VAHZ      |                                          |                                          |                     |                    |                                                   |              |
| 28  | VAHZ-01   |                                          |                                          |                     |                    |                                                   |              |
| 29  | VAHZ-02   |                                          |                                          |                     |                    |                                                   |              |
| 30  | VAHZ-03   |                                          |                                          |                     |                    |                                                   |              |
| 31  | VB-01     |                                          |                                          |                     |                    |                                                   |              |
| 32  | VB-01V    |                                          |                                          |                     |                    |                                                   |              |
| 33  | VB-02R    |                                          |                                          |                     |                    |                                                   |              |
| 34  | VB-02RV   |                                          |                                          |                     |                    |                                                   |              |
| 35  | VB-03     |                                          |                                          |                     |                    |                                                   |              |
| 36  | VB-03V    |                                          |                                          |                     |                    |                                                   |              |
| 37  | VB-03AC   |                                          |                                          |                     |                    |                                                   |              |
| 38  | VB-03A    |                                          |                                          |                     |                    |                                                   |              |

| No. | Component | OVA Reading 1<br>CM above<br>vault (PPM) | OVA Reading 2<br>IN above<br>vault<br>(PPM) | Repair/Remonitoring |                            |                                                               | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|---------------------|----------------------------|---------------------------------------------------------------|--------------|
|     |           |                                          |                                             | Repair<br>Date      | Re-<br>monitorin<br>g Date | OVA Reading<br>one<br>centimeter<br>above vault<br>With (PPM) |              |
| 39  | VB-03AV   | ND                                       | ND                                          |                     |                            |                                                               |              |
| 40  | VB-04     |                                          |                                             |                     |                            |                                                               |              |
| 41  | VB-04V    |                                          |                                             |                     |                            |                                                               |              |
| 42  | VB-05A    |                                          |                                             |                     |                            |                                                               |              |
| 43  | VB-05AV   |                                          |                                             |                     |                            |                                                               |              |
| 44  | VB-05R    |                                          |                                             |                     |                            |                                                               |              |
| 45  | VB-05RV   |                                          |                                             |                     |                            |                                                               |              |
| 46  | VB-06     |                                          |                                             |                     |                            |                                                               |              |
| 47  | VB-06V    |                                          |                                             |                     |                            |                                                               |              |
| 48  | VB-07     |                                          |                                             |                     |                            |                                                               |              |
| 49  | VB-07V    |                                          |                                             |                     |                            |                                                               |              |
| 50  | VB-08     |                                          |                                             |                     |                            |                                                               |              |
| 51  | VB-08V    |                                          |                                             |                     |                            |                                                               |              |
| 52  | VB-09     |                                          |                                             |                     |                            |                                                               |              |
| 53  | VB-09AC   |                                          |                                             |                     |                            |                                                               |              |
| 54  | VB-09V    |                                          |                                             |                     |                            |                                                               |              |
| 55  | VC-01     |                                          |                                             |                     |                            |                                                               |              |
| 56  | VC-01V    |                                          |                                             |                     |                            |                                                               |              |
| 57  | VC-02     |                                          |                                             |                     |                            |                                                               |              |
| 58  | VC-02V    |                                          |                                             |                     |                            |                                                               |              |
| 59  | VC-03     |                                          |                                             |                     |                            |                                                               |              |
| 60  | VC-03V    |                                          |                                             |                     |                            |                                                               |              |
| 61  | VC-04     |                                          |                                             |                     |                            |                                                               |              |
| 62  | VC-04AC   |                                          |                                             |                     |                            |                                                               |              |
| 63  | VC-04V    |                                          |                                             |                     |                            |                                                               |              |
| 64  | VC-05     |                                          |                                             |                     |                            |                                                               |              |
| 65  | VC-05V    |                                          |                                             |                     |                            |                                                               |              |
| 66  | VC-06     |                                          |                                             |                     |                            |                                                               |              |
| 67  | VC-06V    |                                          |                                             |                     |                            |                                                               |              |
| 68  | VC-07     |                                          |                                             |                     |                            |                                                               |              |
| 69  | VC-07V    |                                          |                                             |                     |                            |                                                               |              |
| 70  | VC-08     |                                          |                                             |                     |                            |                                                               |              |
| 71  | VC-08V    |                                          |                                             |                     |                            |                                                               |              |
| 72  | VC-10     |                                          |                                             |                     |                            |                                                               |              |
| 73  | VC-10V    |                                          |                                             |                     |                            |                                                               |              |
| 74  | VE-01     |                                          |                                             |                     |                            |                                                               |              |
| 75  | VE-01V    |                                          |                                             |                     |                            |                                                               |              |
| 76  | VE-03     |                                          |                                             |                     |                            |                                                               |              |
| 77  | VE-03AC   |                                          |                                             |                     |                            |                                                               |              |
| 78  | VE-03V    |                                          |                                             |                     |                            |                                                               |              |
| 79  | VE-04R    |                                          |                                             |                     |                            |                                                               |              |
| 80  | VE-04RV   |                                          |                                             |                     |                            |                                                               |              |
| 81  | VE-05     |                                          |                                             |                     |                            |                                                               |              |
| 82  | VE-05V    |                                          |                                             |                     |                            |                                                               |              |
| 83  | VE-06     |                                          |                                             |                     |                            |                                                               |              |
| 84  | VE-06V    |                                          |                                             |                     |                            |                                                               |              |
| 85  | VE-07     |                                          |                                             |                     |                            |                                                               |              |
| 86  | VE-07V    |                                          |                                             |                     |                            |                                                               |              |
| 87  | VE-08     |                                          |                                             |                     |                            |                                                               |              |

| No. | Component | OVA Reading 1<br>CM above<br>vault (PPM) | OVA Reading 2<br>IN above<br>vault<br>(PPM) | Repair/Remonitoring |                            |                                                               | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|---------------------|----------------------------|---------------------------------------------------------------|--------------|
|     |           |                                          |                                             | Repair<br>Date      | Re-<br>monitorin<br>g Date | OVA Reading<br>one<br>centimeter<br>above vault<br>With (PPM) |              |
| 88  | VE-08V    | ND                                       | ND                                          |                     |                            |                                                               |              |
| 89  | VE-09     |                                          |                                             |                     |                            |                                                               |              |
| 90  | VE-09V    |                                          |                                             |                     |                            |                                                               |              |
| 91  | VE-10     |                                          |                                             |                     |                            |                                                               |              |
| 92  | VE-10V    |                                          |                                             |                     |                            |                                                               |              |
| 93  | VE-11     |                                          |                                             |                     |                            |                                                               |              |
| 94  | VE-11AC   |                                          |                                             |                     |                            |                                                               |              |
| 95  | VE-11V    |                                          |                                             |                     |                            |                                                               |              |
| 96  | VF-01     |                                          |                                             |                     |                            |                                                               |              |
| 97  | VF-01V    |                                          |                                             |                     |                            |                                                               |              |
| 98  | VF-02     |                                          |                                             |                     |                            |                                                               |              |
| 99  | VF-02V    |                                          |                                             |                     |                            |                                                               |              |
| 100 | VF-03     |                                          |                                             |                     |                            |                                                               |              |
| 101 | VF-03AC   |                                          |                                             |                     |                            |                                                               |              |
| 102 | VF-03V    |                                          |                                             |                     |                            |                                                               |              |
| 103 | VF-04     |                                          |                                             |                     |                            |                                                               |              |
| 104 | VF-04V    |                                          |                                             |                     |                            |                                                               |              |
| 105 | VF-05R    |                                          |                                             |                     |                            |                                                               |              |
| 106 | VF-05RV   |                                          |                                             |                     |                            |                                                               |              |
| 107 | VF-06     |                                          |                                             |                     |                            |                                                               |              |
| 108 | VF-06AC   |                                          |                                             |                     |                            |                                                               |              |
| 109 | VF-06V    |                                          |                                             |                     |                            |                                                               |              |
| 110 | VF-06V    |                                          |                                             |                     |                            |                                                               |              |
| 111 | VF-07     |                                          |                                             |                     |                            |                                                               |              |
| 112 | VF-07V    |                                          |                                             |                     |                            |                                                               |              |
| 113 | VF07A     |                                          |                                             |                     |                            |                                                               |              |
| 114 | VF-07AV   |                                          |                                             |                     |                            |                                                               |              |
| 115 | VF-08R    |                                          |                                             |                     |                            |                                                               |              |
| 116 | VF-08RV   |                                          |                                             |                     |                            |                                                               |              |
| 117 | VF-09     |                                          |                                             |                     |                            |                                                               |              |
| 118 | VF-09AC   |                                          |                                             |                     |                            |                                                               |              |
| 119 | VF-09V    |                                          |                                             |                     |                            |                                                               |              |
| 120 | VF-10     |                                          |                                             |                     |                            |                                                               |              |
| 121 | VF-10V    |                                          |                                             |                     |                            |                                                               |              |
| 122 | VF11      |                                          |                                             |                     |                            |                                                               |              |
| 123 | VF-11V    |                                          |                                             |                     |                            |                                                               |              |
| 124 | VG-01     |                                          |                                             |                     |                            |                                                               |              |
| 125 | VG-01V    |                                          |                                             |                     |                            |                                                               |              |
| 126 | VG-01A    |                                          |                                             |                     |                            |                                                               |              |
| 127 | VG-01AV   |                                          |                                             |                     |                            |                                                               |              |
| 128 | VG-02     |                                          |                                             |                     |                            |                                                               |              |
| 129 | VG-02V    |                                          |                                             |                     |                            |                                                               |              |
| 130 | VG-02R    |                                          |                                             |                     |                            |                                                               |              |
| 131 | VG-02RV   |                                          |                                             |                     |                            |                                                               |              |
| 132 | VG-03     |                                          |                                             |                     |                            |                                                               |              |
| 133 | VG-03V    |                                          |                                             |                     |                            |                                                               |              |
| 134 | VG-03A    |                                          |                                             |                     |                            |                                                               |              |
| 135 | VG-03AV   |                                          |                                             |                     |                            |                                                               |              |
| 136 | VG-04     |                                          |                                             |                     |                            |                                                               |              |

| No. | Component | OVA Reading 1<br>CM above<br>vault (PPM) | OVA Reading 2<br>IN above<br>vault<br>(PPM) | Repair/Remonitoring |                            |                                                               | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|---------------------|----------------------------|---------------------------------------------------------------|--------------|
|     |           |                                          |                                             | Repair<br>Date      | Re-<br>monitorin<br>g Date | OVA Reading<br>one<br>centimeter<br>above vault<br>With (PPM) |              |
| 137 | VG-04V    | ND                                       | ND                                          |                     |                            |                                                               |              |
| 138 | VG-04AC   |                                          |                                             |                     |                            |                                                               |              |
| 139 | VG-04A    |                                          |                                             |                     |                            |                                                               |              |
| 140 | VG-04AV   |                                          |                                             |                     |                            |                                                               |              |
| 141 | VG-05     |                                          |                                             |                     |                            |                                                               |              |
| 142 | VG-05AC   |                                          |                                             |                     |                            |                                                               |              |
| 143 | VG-05V    |                                          |                                             |                     |                            |                                                               |              |
| 144 | VG-06     |                                          |                                             |                     |                            |                                                               |              |
| 145 | VG-06V    |                                          |                                             |                     |                            |                                                               |              |
| 146 | VH-01     |                                          |                                             |                     |                            |                                                               |              |
| 147 | VH-01V    |                                          |                                             |                     |                            |                                                               |              |
| 148 | VH-02     |                                          |                                             |                     |                            |                                                               |              |
| 149 | VH-02AC   |                                          |                                             |                     |                            |                                                               |              |
| 150 | VH-02V    |                                          |                                             |                     |                            |                                                               |              |
| 151 | VH-03     |                                          |                                             |                     |                            |                                                               |              |
| 152 | VH-03V    |                                          |                                             |                     |                            |                                                               |              |
| 153 | VH-04     |                                          |                                             |                     |                            |                                                               |              |
| 154 | VH-04AC   |                                          |                                             |                     |                            |                                                               |              |
| 155 | VH-04V    |                                          |                                             |                     |                            |                                                               |              |
| 156 | VH-05     |                                          |                                             |                     |                            |                                                               |              |
| 157 | VH-05AC   |                                          |                                             |                     |                            |                                                               |              |
| 158 | VH-05V    |                                          |                                             |                     |                            |                                                               |              |
| 159 | VH-06     |                                          |                                             |                     |                            |                                                               |              |
| 160 | VH-06V    |                                          |                                             |                     |                            |                                                               |              |
| 161 | VH-07     |                                          |                                             |                     |                            |                                                               |              |
| 162 | VH-07V    |                                          |                                             |                     |                            |                                                               |              |
| 163 | VH-08     |                                          |                                             |                     |                            |                                                               |              |
| 164 | VH-08AC   |                                          |                                             |                     |                            |                                                               |              |
| 165 | VH-08V    |                                          |                                             |                     |                            |                                                               |              |
| 166 | VH-09     |                                          |                                             |                     |                            |                                                               |              |
| 167 | VH-9V     |                                          |                                             |                     |                            |                                                               |              |
| 168 | VH-10     |                                          |                                             |                     |                            |                                                               |              |
| 169 | VH-10AC   |                                          |                                             |                     |                            |                                                               |              |
| 170 | VH-10V    |                                          |                                             |                     |                            |                                                               |              |
| 171 | VH-11     |                                          |                                             |                     |                            |                                                               |              |
| 172 | VH-11V    |                                          |                                             |                     |                            |                                                               |              |
| 173 | VH-12     |                                          |                                             |                     |                            |                                                               |              |
| 174 | VH-12V    |                                          |                                             |                     |                            |                                                               |              |
| 175 | VH-13     |                                          |                                             |                     |                            |                                                               |              |
| 176 | VH-13V    |                                          |                                             |                     |                            |                                                               |              |
| 177 | VJ-01     |                                          |                                             |                     |                            |                                                               |              |
| 178 | VJ-01V    |                                          |                                             |                     |                            |                                                               |              |
| 179 | VJ-02R    |                                          |                                             |                     |                            |                                                               |              |
| 180 | VJ-02RV   |                                          |                                             |                     |                            |                                                               |              |
| 181 | VJ-03R    |                                          |                                             |                     |                            |                                                               |              |
| 182 | VJ-03RV   |                                          |                                             |                     |                            |                                                               |              |
| 183 | VJ-04A    |                                          |                                             |                     |                            |                                                               |              |
| 184 | VJ-04AV   |                                          |                                             |                     |                            |                                                               |              |
| 185 | VJ-04R    |                                          |                                             |                     |                            |                                                               |              |

| No. | Component | OVA Reading 1<br>CM above<br>vault (PPM) | OVA Reading 2<br>IN above<br>vault<br>(PPM) | Repair/Remonitoring |                            |                                                               | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|---------------------|----------------------------|---------------------------------------------------------------|--------------|
|     |           |                                          |                                             | Repair<br>Date      | Re-<br>monitorin<br>g Date | OVA Reading<br>one<br>centimeter<br>above vault<br>With (PPM) |              |
| 186 | VJ-04RV   | ND                                       | ND                                          |                     |                            |                                                               |              |
| 187 | VJ-05R    |                                          |                                             |                     |                            |                                                               |              |
| 188 | VJ-05RV   |                                          |                                             |                     |                            |                                                               |              |
| 189 | VJ-06     |                                          |                                             |                     |                            |                                                               |              |
| 190 | VJ-06V    |                                          |                                             |                     |                            |                                                               |              |
| 191 | VJ-07R    |                                          |                                             |                     |                            |                                                               |              |
| 192 | VJ-07RV   |                                          |                                             |                     |                            |                                                               |              |
| 193 | VJ-08     | 100ppm                                   | 50ppm                                       |                     |                            |                                                               |              |
| 194 | VJ-08V    | ND                                       | ND                                          |                     |                            |                                                               |              |
| 195 | VJ-09R    |                                          |                                             |                     |                            |                                                               |              |
| 196 | VJ-09RV   |                                          |                                             |                     |                            |                                                               |              |
| 197 | VJ-10     |                                          |                                             |                     |                            |                                                               |              |
| 198 | VJ-10V    |                                          |                                             |                     |                            |                                                               |              |
| 199 | VJ-11R    |                                          |                                             |                     |                            |                                                               |              |
| 200 | VJ-11RV   |                                          |                                             |                     |                            |                                                               |              |
| 201 | VK-01     |                                          |                                             |                     |                            |                                                               |              |
| 202 | VK-01V    |                                          |                                             |                     |                            |                                                               |              |
| 203 | VK-02     |                                          |                                             |                     |                            |                                                               |              |
| 204 | VK-02V    |                                          |                                             |                     |                            |                                                               |              |
| 205 | VK-03     |                                          |                                             |                     |                            |                                                               |              |
| 206 | VK-03V    |                                          |                                             |                     |                            |                                                               |              |
| 207 | VK-04     |                                          |                                             |                     |                            |                                                               |              |
| 208 | VK-04V    |                                          |                                             |                     |                            |                                                               |              |
| 209 | VK-05     |                                          |                                             |                     |                            |                                                               |              |
| 210 | VK-05V    |                                          |                                             |                     |                            |                                                               |              |
| 211 | VSB-01    |                                          |                                             |                     |                            |                                                               |              |
| 212 | VSB-02    |                                          |                                             |                     |                            |                                                               |              |
| 213 | VSE-03    |                                          |                                             |                     |                            |                                                               |              |
| 214 | VSF-01    |                                          |                                             |                     |                            |                                                               |              |
| 215 | VSH-01    |                                          |                                             |                     |                            |                                                               |              |
| 216 | VSJ-01    |                                          |                                             |                     |                            |                                                               |              |
| 217 | VSJ-02    |                                          |                                             |                     |                            |                                                               |              |
| 218 | VTPA-01   |                                          |                                             |                     |                            |                                                               |              |
| 219 | VTPA-02   |                                          |                                             |                     |                            |                                                               |              |
| 220 | VTPA-03   |                                          |                                             |                     |                            |                                                               |              |
| 221 | VTPB-01   |                                          |                                             |                     |                            |                                                               |              |
| 222 | VTPB-02   |                                          |                                             |                     |                            |                                                               |              |
| 223 | VTPB-03   |                                          |                                             |                     |                            |                                                               |              |
| 224 | VTPB-04   |                                          |                                             |                     |                            |                                                               |              |
| 225 | VTPC-01   |                                          |                                             |                     |                            |                                                               |              |
| 226 | VTPC-02   |                                          |                                             |                     |                            |                                                               |              |
| 227 | VTPE-01   |                                          |                                             |                     |                            |                                                               |              |
| 228 | VTPE-02   |                                          |                                             |                     |                            |                                                               |              |
| 229 | VTPF-01   |                                          |                                             |                     |                            |                                                               |              |
| 230 | VTPF-02   |                                          |                                             |                     |                            |                                                               |              |
| 231 | VTPF-03   |                                          |                                             |                     |                            |                                                               |              |
| 232 | VTPF-04   |                                          |                                             |                     |                            |                                                               |              |
| 233 | VTPG-01   |                                          |                                             |                     |                            |                                                               |              |
| 234 | VTPG-02   |                                          |                                             |                     |                            |                                                               |              |

| No. | Component | OVA Reading 1<br>CM above<br>vault (PPM) | OVA Reading 2<br>IN above<br>vault<br>(PPM) | Repair/Remonitoring |                            |                                                               | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|---------------------|----------------------------|---------------------------------------------------------------|--------------|
|     |           |                                          |                                             | Repair<br>Date      | Re-<br>monitorin<br>g Date | OVA Reading<br>one<br>centimeter<br>above vault<br>With (PPM) |              |
| 235 | VTPG-03   | ND                                       | ND                                          |                     |                            |                                                               |              |
| 236 | VTPG-04   |                                          |                                             |                     |                            |                                                               |              |
| 237 | VTPH-01   |                                          |                                             |                     |                            |                                                               |              |
| 238 | VTPH-02   |                                          |                                             |                     |                            |                                                               |              |
| 239 | VTPH-03   |                                          |                                             |                     |                            |                                                               |              |
| 240 | VTPH-04   |                                          |                                             |                     |                            |                                                               |              |
| 241 | VTPJ-01   |                                          |                                             |                     |                            |                                                               |              |
| 242 | VTPJ-02   |                                          |                                             |                     |                            |                                                               |              |
| 243 | VTPJ-03   |                                          |                                             |                     |                            |                                                               |              |
| 244 | VTPJ-05   |                                          |                                             |                     |                            |                                                               |              |
| 245 | VTPK-01   |                                          |                                             |                     |                            |                                                               |              |
| 246 | VTPK-02   |                                          |                                             |                     |                            |                                                               |              |
| 247 | VVA-01H   |                                          |                                             |                     |                            |                                                               |              |
| 248 | VVA-02H   |                                          |                                             |                     |                            |                                                               |              |
| 249 | VVA-01AC  |                                          |                                             |                     |                            |                                                               |              |
| 250 | VVA-02AC  |                                          |                                             |                     |                            |                                                               |              |
| 251 | VVB-01H   |                                          |                                             |                     |                            |                                                               |              |
| 252 | VVB-02AC  |                                          |                                             |                     |                            |                                                               |              |
| 253 | VVB-02H   |                                          |                                             |                     |                            |                                                               |              |
| 254 | VVB-01AC  |                                          |                                             |                     |                            |                                                               |              |
| 255 | VVC-01H   |                                          |                                             |                     |                            |                                                               |              |
| 256 | VVC-02H   |                                          |                                             |                     |                            |                                                               |              |
| 257 | VVC-03H   |                                          |                                             |                     |                            |                                                               |              |
| 258 | VVC-01AC  |                                          |                                             |                     |                            |                                                               |              |
| 259 | VVC-01V   |                                          |                                             |                     |                            |                                                               |              |
| 260 | VVC-02AC  |                                          |                                             |                     |                            |                                                               |              |
| 261 | VVF-01H   |                                          |                                             |                     |                            |                                                               |              |
| 262 | VVF-02H   |                                          |                                             |                     |                            |                                                               |              |
| 263 | VVF-03H   |                                          |                                             |                     |                            |                                                               |              |
| 264 | VVF-01AC  |                                          |                                             |                     |                            |                                                               |              |
| 265 | VVF-02AC  |                                          |                                             |                     |                            |                                                               |              |
| 266 | VVF-03AC  |                                          |                                             |                     |                            |                                                               |              |
| 267 | VVG-01AC  |                                          |                                             |                     |                            |                                                               |              |
| 268 | VVG-01H   |                                          |                                             |                     |                            |                                                               |              |
| 269 | VVG-02AC  |                                          |                                             |                     |                            |                                                               |              |
| 270 | VVG-02H   |                                          |                                             |                     |                            |                                                               |              |
| 271 | VVG-03H   |                                          |                                             |                     |                            |                                                               |              |
| 272 | VVG-04H   |                                          |                                             |                     |                            |                                                               |              |
| 273 | VVG-03AC  |                                          |                                             |                     |                            |                                                               |              |
| 274 | VVG-04AC  |                                          |                                             |                     |                            |                                                               |              |
| 275 | VVH-01H   |                                          |                                             |                     |                            |                                                               |              |
| 276 | VVH-02H   |                                          |                                             |                     |                            |                                                               |              |
| 277 | VVH-03H   |                                          |                                             |                     |                            |                                                               |              |
| 278 | VVH-01AC  |                                          |                                             |                     |                            |                                                               |              |
| 279 | VVH-02AC  |                                          |                                             |                     |                            |                                                               |              |
| 280 | VVH-03AC  |                                          |                                             |                     |                            |                                                               |              |
| 281 | VVJ-01H   |                                          |                                             |                     |                            |                                                               |              |
| 282 | VVJ-04H   |                                          |                                             |                     |                            |                                                               |              |
| 283 | VVJ-05H   |                                          |                                             |                     |                            |                                                               |              |





**City of Mountain View  
Shoreline Landfill  
Component leak check and repair form  
Site Name: BACK NINE**

Inspection Date: 4/28/22 Start Time: 8am Finish Time: 9:30am

Inspector Name: LEON ROSARIO Instrument Used: TVA GATOR

Weather: Clear Wind Speed: 1.0 Leak Detected: No leaks detected Above Regulatory limit.

| No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA<br>Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                           |                                                  | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|---------------------|---------------------------|--------------------------------------------------|--------------|
|     |           |                                          |                                             | Repair Date         | Re-<br>monitoring<br>Date | OVA Reading<br>1 CM above<br>vault With<br>(PPM) |              |
| 1   | WA-01     | ND                                       | ND                                          |                     |                           |                                                  |              |
| 2   | WA-01V    |                                          |                                             |                     |                           |                                                  |              |
| 3   | WA-02     |                                          |                                             |                     |                           |                                                  |              |
| 4   | WA-02V    |                                          |                                             |                     |                           |                                                  |              |
| 5   | WA-04     |                                          |                                             |                     |                           |                                                  |              |
| 6   | WA-04V    |                                          |                                             |                     |                           |                                                  |              |
| 7   | WA-05     |                                          |                                             |                     |                           |                                                  |              |
| 8   | WA-05V    |                                          |                                             |                     |                           |                                                  |              |
| 9   | WA-06     |                                          |                                             |                     |                           |                                                  |              |
| 10  | WA-06V    |                                          |                                             |                     |                           |                                                  |              |
| 11  | WA-07     |                                          |                                             |                     |                           |                                                  |              |
| 12  | WA-07V    |                                          |                                             |                     |                           |                                                  |              |
| 13  | WA-08     |                                          |                                             |                     |                           |                                                  |              |
| 14  | WA-08V    |                                          |                                             |                     |                           |                                                  |              |
| 15  | WA-09     |                                          |                                             |                     |                           |                                                  |              |
| 16  | WA-09V    |                                          |                                             |                     |                           |                                                  |              |
| 17  | WA-10     |                                          |                                             |                     |                           |                                                  |              |
| 18  | WA-10V    |                                          |                                             |                     |                           |                                                  |              |
| 19  | WA-11     |                                          |                                             |                     |                           |                                                  |              |
| 20  | WA-11V    |                                          |                                             |                     |                           |                                                  |              |
| 21  | WA-12     |                                          |                                             |                     |                           |                                                  |              |
| 22  | WA-12V    |                                          |                                             |                     |                           |                                                  |              |
| 23  | WA-13     |                                          |                                             |                     |                           |                                                  |              |
| 24  | WA-13V    |                                          |                                             |                     |                           |                                                  |              |
| 25  | WA-14     |                                          |                                             |                     |                           |                                                  |              |
| 26  | WA-14V    |                                          |                                             |                     |                           |                                                  |              |
| 27  | WA-15     |                                          |                                             |                     |                           |                                                  |              |
| 28  | WA-15V    |                                          |                                             |                     |                           |                                                  |              |
| 29  | WA-16     |                                          |                                             |                     |                           |                                                  |              |
| 30  | WA-16V    |                                          |                                             |                     |                           |                                                  |              |
| 31  | WA-17     |                                          |                                             |                     |                           |                                                  |              |
| 32  | WA-17V    |                                          |                                             |                     |                           |                                                  |              |
| 33  | WA-18     |                                          |                                             |                     |                           |                                                  |              |
| 34  | WA-18V    |                                          |                                             |                     |                           |                                                  |              |
| 35  | WA-19     |                                          |                                             |                     |                           |                                                  |              |
| 36  | WA-19V    |                                          |                                             |                     |                           |                                                  |              |
| 37  | WA-20     |                                          |                                             |                     |                           |                                                  |              |
| 38  | WA-20V    |                                          |                                             |                     |                           |                                                  |              |

| No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA<br>Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                           | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|---------------------|---------------------------|--------------|
|     |           |                                          |                                             | Repair Date         | Re-<br>monitoring<br>Date |              |
| 39  | WA-21     | ND                                       | ND                                          |                     |                           |              |
| 40  | WA-21V    |                                          |                                             |                     |                           |              |
| 41  | WA-22     |                                          |                                             |                     |                           |              |
| 42  | WA-22V    |                                          |                                             |                     |                           |              |
| 43  | WA-23     |                                          |                                             |                     |                           |              |
| 44  | WA-23V    |                                          |                                             |                     |                           |              |
| 45  | WA-24     |                                          |                                             |                     |                           |              |
| 46  | WA-24V    |                                          |                                             |                     |                           |              |
| 47  | WA-25     |                                          |                                             |                     |                           |              |
| 48  | WA-25V    |                                          |                                             |                     |                           |              |
| 49  | WA-26     |                                          |                                             |                     |                           |              |
| 50  | WA-26V    |                                          |                                             |                     |                           |              |
| 51  | WA-27     |                                          |                                             |                     |                           |              |
| 52  | WA-27V    |                                          |                                             |                     |                           |              |
| 53  | WA-28     |                                          |                                             |                     |                           |              |
| 54  | WA-28V    |                                          |                                             |                     |                           |              |
| 55  | WA-29     |                                          |                                             |                     |                           |              |
| 56  | WA-29V    |                                          |                                             |                     |                           |              |
| 57  | WB-01     |                                          |                                             |                     |                           |              |
| 58  | WB-01V    |                                          |                                             |                     |                           |              |
| 59  | WB-02     |                                          |                                             |                     |                           |              |
| 60  | WB-02V    |                                          |                                             |                     |                           |              |
| 61  | WB-03     |                                          |                                             |                     |                           |              |
| 62  | WB-03V    |                                          |                                             |                     |                           |              |
| 63  | WB-04     |                                          |                                             |                     |                           |              |
| 64  | WB-04V    |                                          |                                             |                     |                           |              |
| 65  | WB-05     |                                          |                                             |                     |                           |              |
| 66  | WB-05A    |                                          |                                             |                     |                           |              |
| 67  | WB-05AV   |                                          |                                             |                     |                           |              |
| 68  | W-06      |                                          |                                             |                     |                           |              |
| 69  | WB-06V    |                                          |                                             |                     |                           |              |
| 70  | WB-06A    |                                          |                                             |                     |                           |              |
| 71  | WB-06AV   |                                          |                                             |                     |                           |              |
| 72  | WB-07     |                                          |                                             |                     |                           |              |
| 73  | WB-07V    |                                          |                                             |                     |                           |              |
| 74  | WB-07A    |                                          |                                             |                     |                           |              |
| 75  | WB-07AV   |                                          |                                             |                     |                           |              |
| 76  | WB-08     |                                          |                                             |                     |                           |              |
| 77  | WB-08V    |                                          |                                             |                     |                           |              |
| 78  | WB-09     |                                          |                                             |                     |                           |              |
| 79  | WB-09V    |                                          |                                             |                     |                           |              |
| 80  | WB-10     |                                          |                                             |                     |                           |              |
| 81  | WB-10V    |                                          |                                             |                     |                           |              |
| 82  | WB-11     |                                          |                                             |                     |                           |              |
| 83  | WB-11V    |                                          |                                             |                     |                           |              |
| 84  | WB-12     |                                          |                                             |                     |                           |              |
| 85  | WB-12V    |                                          |                                             |                     |                           |              |
| 86  | WB-12A    |                                          |                                             |                     |                           |              |
| 87  | WB-12AV   |                                          |                                             |                     |                           |              |

| No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA<br>Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                           |                                                  | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|---------------------|---------------------------|--------------------------------------------------|--------------|
|     |           |                                          |                                             | Repair Date         | Re-<br>monitoring<br>Date | OVA Reading<br>1 CM above<br>vault With<br>(PPM) |              |
| 88  | WB-13     | ND                                       | ND                                          |                     |                           |                                                  |              |
| 89  | WB-13V    |                                          |                                             |                     |                           |                                                  |              |
| 90  | WB-14     |                                          |                                             |                     |                           |                                                  |              |
| 91  | WB-14V    |                                          |                                             |                     |                           |                                                  |              |
| 92  | WB-15     |                                          |                                             |                     |                           |                                                  |              |
| 93  | WB-15V    |                                          |                                             |                     |                           |                                                  |              |
| 94  | WB-16     |                                          |                                             |                     |                           |                                                  |              |
| 95  | WB-16V    |                                          |                                             |                     |                           |                                                  |              |
| 96  | WB-17     |                                          |                                             |                     |                           |                                                  |              |
| 97  | WB-17V    |                                          |                                             |                     |                           |                                                  |              |
| 98  | WC-01     |                                          |                                             |                     |                           |                                                  |              |
| 99  | WC-01V    |                                          |                                             |                     |                           |                                                  |              |
| 100 | WC-02     |                                          |                                             |                     |                           |                                                  |              |
| 101 | WC-02V    |                                          |                                             |                     |                           |                                                  |              |
| 102 | WC-03     |                                          |                                             |                     |                           |                                                  |              |
| 103 | WC-03V    |                                          |                                             |                     |                           |                                                  |              |
| 104 | WC-04     |                                          |                                             |                     |                           |                                                  |              |
| 105 | WC-04V    |                                          |                                             |                     |                           |                                                  |              |
| 106 | WD-01     |                                          |                                             |                     |                           |                                                  |              |
| 107 | WD-01V    |                                          |                                             |                     |                           |                                                  |              |
| 108 | WD-02     |                                          |                                             |                     |                           |                                                  |              |
| 109 | WD-02V    |                                          |                                             |                     |                           |                                                  |              |
| 110 | WD-03     |                                          |                                             |                     |                           |                                                  |              |
| 111 | WD-03V    |                                          |                                             |                     |                           |                                                  |              |
| 112 | WD-04     |                                          |                                             |                     |                           |                                                  |              |
| 113 | WD-04V    |                                          |                                             |                     |                           |                                                  |              |
| 114 | WE-01     |                                          |                                             |                     |                           |                                                  |              |
| 115 | WE-01V    |                                          |                                             |                     |                           |                                                  |              |
| 116 | WE-01A    |                                          |                                             |                     |                           |                                                  |              |
| 117 | WE-01AV   |                                          |                                             |                     |                           |                                                  |              |
| 118 | WE-02     |                                          |                                             |                     |                           |                                                  |              |
| 119 | WE-02V    |                                          |                                             |                     |                           |                                                  |              |
| 120 | WE-03     |                                          |                                             |                     |                           |                                                  |              |
| 121 | WE-03V    |                                          |                                             |                     |                           |                                                  |              |
| 122 | WE-04     |                                          |                                             |                     |                           |                                                  |              |
| 123 | WE-04V    |                                          |                                             |                     |                           |                                                  |              |
| 124 | WE-05     |                                          |                                             |                     |                           |                                                  |              |
| 125 | WE-05V    |                                          |                                             |                     |                           |                                                  |              |
| 126 | WF-01     |                                          |                                             |                     |                           |                                                  |              |
| 127 | WF-01V    |                                          |                                             |                     |                           |                                                  |              |
| 128 | WF-02     |                                          |                                             |                     |                           |                                                  |              |
| 129 | WF-02V    |                                          |                                             |                     |                           |                                                  |              |
| 130 | WSA-01    |                                          |                                             |                     |                           |                                                  |              |
| 131 | WSA-02    |                                          |                                             |                     |                           |                                                  |              |
| 132 | WSA-03    |                                          |                                             |                     |                           |                                                  |              |
| 133 | WSB-01    |                                          |                                             |                     |                           |                                                  |              |
| 134 | WSB-02    |                                          |                                             |                     |                           |                                                  |              |
| 135 | WSB-03    |                                          |                                             |                     |                           |                                                  |              |
| 136 | WSC-01    |                                          |                                             |                     |                           |                                                  |              |

| No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA<br>Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                           | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|---------------------|---------------------------|--------------|
|     |           |                                          |                                             | Repair Date         | Re-<br>monitoring<br>Date |              |
| 137 | WSC-02    | ND                                       | ND                                          |                     |                           |              |
| 138 | WSD-01    |                                          |                                             |                     |                           |              |
| 139 | WSD-02    |                                          |                                             |                     |                           |              |
| 140 | WSE-01    |                                          |                                             |                     |                           |              |
| 141 | WSE-02    |                                          |                                             |                     |                           |              |
| 142 | WSF-Q1    |                                          |                                             |                     |                           |              |
| 143 | WTA-14    |                                          |                                             |                     |                           |              |
| 144 | WTP-10    |                                          |                                             |                     |                           |              |
| 145 | WTPA-01   |                                          |                                             |                     |                           |              |
| 146 | WTPA-20   |                                          |                                             |                     |                           |              |
| 147 | WTPA-25   |                                          |                                             |                     |                           |              |
| 148 | WTPA-30   |                                          |                                             |                     |                           |              |
| 149 | WTPA-40   |                                          |                                             |                     |                           |              |
| 150 | WTPA-05   |                                          |                                             |                     |                           |              |
| 151 | WTPB-01   |                                          |                                             |                     |                           |              |
| 152 | WTPB-10   |                                          |                                             |                     |                           |              |
| 153 | WTPB-20   |                                          |                                             |                     |                           |              |
| 154 | WTPB-29   |                                          |                                             |                     |                           |              |
| 155 | WTPB-34   |                                          |                                             |                     |                           |              |
| 156 | WTPB-37   |                                          |                                             |                     |                           |              |
| 157 | WTPB-40   |                                          |                                             |                     |                           |              |
| 158 | WTPB-45   |                                          |                                             |                     |                           |              |
| 159 | WTPC-05   |                                          |                                             |                     |                           |              |
| 160 | WTPD-09   |                                          |                                             |                     |                           |              |
| 161 | WTPE-10   |                                          |                                             |                     |                           |              |
| 162 | WTPE-01   |                                          |                                             |                     |                           |              |
| 163 | WTPF-05   |                                          |                                             |                     |                           |              |
| 164 | WTPF-07   |                                          |                                             |                     |                           |              |
| 165 | WVA-01ACH |                                          |                                             |                     |                           |              |
| 166 | WVA-13H   |                                          |                                             |                     |                           |              |
| 167 | WVA-14ACH |                                          |                                             |                     |                           |              |
| 168 | WVA-15ACH |                                          |                                             |                     |                           |              |
| 169 | WVA-24ACH |                                          |                                             |                     |                           |              |
| 170 | WVA-25ACH |                                          |                                             |                     |                           |              |
| 171 | WVA-MAIN1 |                                          |                                             |                     |                           |              |
| 172 | WVA-MAIN2 |                                          |                                             |                     |                           |              |
| 173 | WVB-01ACH |                                          |                                             |                     |                           |              |
| 174 | WVB-18ACH |                                          |                                             |                     |                           |              |
| 175 | WVB-29ACH |                                          |                                             |                     |                           |              |
| 176 | WVB-45ACH |                                          |                                             |                     |                           |              |
| 177 | WV-01ACH  |                                          |                                             |                     |                           |              |
| 178 | WVC-14ACH |                                          |                                             |                     |                           |              |
| 179 | WVC-01VAS |                                          |                                             |                     |                           |              |
| 180 | WVD-01ACH |                                          |                                             |                     |                           |              |
| 179 | WVE-01ACH |                                          |                                             |                     |                           |              |
| 180 | WVE-16ACH |                                          |                                             |                     |                           |              |

APR 29 2022  
 ENGR. & ENVIRONMENTAL  
 COMPLIANCE DIVISION

7/10/2008

S - Box Sealed

**City of Mountain View  
Shoreline Landfill  
Component Leak Check and Repair Form  
Site Name: Front Nine**

Inspection Date: 5-18-22 Start Time: 10:30 Am Finish Time: 1:20 pm

Inspector Name: RAUL BANDA Instrument Used: TVA/GATOR

Weather: CLEAR. Leak Detected: NO LEAKS DETECTED  
ABOVE REGULATORY LIMITS.

| No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA<br>Reading 2<br>IN above<br>vault (PPM) | Repair/Remonitoring |                           |                                               | Action Taken |
|-----|-----------|------------------------------------------|---------------------------------------------|---------------------|---------------------------|-----------------------------------------------|--------------|
|     |           |                                          |                                             | Repair Date         | Re-<br>monitoring<br>Date | OVA Reading 1<br>CM above vault<br>With (PPM) |              |
| 1   | A-05      | ND                                       | ND                                          |                     |                           |                                               |              |
| 2   | A0-5V     |                                          |                                             |                     |                           |                                               |              |
| 3   | A-16      |                                          |                                             |                     |                           |                                               |              |
| 4   | A-16V     |                                          |                                             |                     |                           |                                               |              |
| 5   | AC-01     |                                          |                                             |                     |                           |                                               |              |
| 6   | AC-10     |                                          |                                             |                     |                           |                                               |              |
| 7   | AC-11     |                                          |                                             |                     |                           |                                               |              |
| 8   | AC-12     |                                          |                                             |                     |                           |                                               |              |
| 9   | AC-02     |                                          |                                             |                     |                           |                                               |              |
| 10  | AC-03     |                                          |                                             |                     |                           |                                               |              |
| 11  | AC-04     |                                          |                                             |                     |                           |                                               |              |
| 12  | AC-05     |                                          |                                             |                     |                           |                                               |              |
| 13  | AC-06     |                                          |                                             |                     |                           |                                               |              |
| 14  | AC-07     |                                          |                                             |                     |                           |                                               |              |
| 15  | AC-08     |                                          |                                             |                     |                           |                                               |              |
| 16  | AC-09     |                                          |                                             |                     |                           |                                               |              |
| 17  | B-12      |                                          |                                             |                     |                           |                                               |              |
| 18  | B-12V     |                                          |                                             |                     |                           |                                               |              |
| 19  | B-02      |                                          |                                             |                     |                           |                                               |              |
| 20  | B-02V     |                                          |                                             |                     |                           |                                               |              |
| 21  | B-20      |                                          |                                             |                     |                           |                                               |              |
| 22  | B-20V     |                                          |                                             |                     |                           |                                               |              |
| 23  | B-24      |                                          |                                             |                     |                           |                                               |              |
| 24  | B-24V     |                                          |                                             |                     |                           |                                               |              |
| 25  | B-28      |                                          |                                             |                     |                           |                                               |              |
| 26  | B-28V     |                                          |                                             |                     |                           |                                               |              |
| 27  | B-03      |                                          |                                             |                     |                           |                                               |              |
| 28  | B-03V     |                                          |                                             |                     |                           |                                               |              |
| 29  | B-04      |                                          |                                             |                     |                           |                                               |              |
| 30  | B-04V     |                                          |                                             |                     |                           |                                               |              |
| 31  | FHZ-01    |                                          |                                             |                     |                           |                                               |              |
| 32  | FHZ-02    |                                          |                                             |                     |                           |                                               |              |
| 33  | FHZ-03    |                                          |                                             |                     |                           |                                               |              |
| 34  | FHZ-04    |                                          |                                             |                     |                           |                                               |              |
| 35  | FHZ-05    |                                          |                                             |                     |                           |                                               |              |
| 36  | FS-01     |                                          |                                             |                     |                           |                                               |              |
| 37  | FS-10     |                                          |                                             |                     |                           |                                               |              |

MAY 27 2022  
ENGR. & ENVIRONMENTAL  
COMPLIANCE DIVISION

| No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA<br>Reading<br>IN above<br>vault (PPM) | Repair/Remonitoring |                           |                                               |              |
|-----|-----------|------------------------------------------|-------------------------------------------|---------------------|---------------------------|-----------------------------------------------|--------------|
|     |           |                                          |                                           | Repair Date         | Re-<br>monitoring<br>Date | OVA Reading 1<br>CM above vault<br>With (PPM) | Action Taken |
| 38  | FS-11     | ND                                       | ND                                        |                     |                           |                                               |              |
| 39  | FS-12     |                                          |                                           |                     |                           |                                               |              |
| 40  | FS-13     |                                          |                                           |                     |                           |                                               |              |
| 41  | FS-14     |                                          |                                           |                     |                           |                                               |              |
| 42  | FS-02     |                                          |                                           |                     |                           |                                               |              |
| 43  | FS-03     |                                          |                                           |                     |                           |                                               |              |
| 44  | FS-04     |                                          |                                           |                     |                           |                                               |              |
| 45  | FS-05     |                                          |                                           |                     |                           |                                               |              |
| 46  | FS-06     |                                          |                                           |                     |                           |                                               |              |
| 47  | FS-07     |                                          |                                           |                     |                           |                                               |              |
| 48  | FS-08     |                                          |                                           |                     |                           |                                               |              |
| 49  | FS-09     |                                          |                                           |                     |                           |                                               |              |
| 50  | FTY-02    |                                          |                                           |                     |                           |                                               |              |
| 51  | FYV-2H    |                                          |                                           |                     |                           |                                               |              |
| 52  | HVA-02    |                                          |                                           |                     |                           |                                               |              |
| 53  | HVB-01    |                                          |                                           |                     |                           |                                               |              |
| 54  | HVD-01    |                                          |                                           |                     |                           |                                               |              |
| 55  | LE-01     |                                          |                                           |                     |                           |                                               |              |
| 56  | LE-01V    |                                          |                                           |                     |                           |                                               |              |
| 57  | LE--02    |                                          |                                           |                     |                           |                                               |              |
| 58  | LE-02V    |                                          |                                           |                     |                           |                                               |              |
| 59  | LE-03     |                                          |                                           |                     |                           |                                               |              |
| 60  | LE-03V    |                                          |                                           |                     |                           |                                               |              |
| 61  | LE-04     |                                          |                                           |                     |                           |                                               |              |
| 62  | LE-04V    |                                          |                                           |                     |                           |                                               |              |
| 63  | MPHZV     |                                          |                                           |                     |                           |                                               |              |
| 64  | SC-01AV   |                                          |                                           |                     |                           |                                               |              |
| 65  | SC-02AV   |                                          |                                           |                     |                           |                                               |              |
| 66  | SC03AV    |                                          |                                           |                     |                           |                                               |              |
| 67  | SCHDR-01  |                                          |                                           |                     |                           |                                               |              |
| 68  | TPA-01    |                                          |                                           |                     |                           |                                               |              |
| 69  | TPA-02    |                                          |                                           |                     |                           |                                               |              |
| 70  | TPA-03    |                                          |                                           |                     |                           |                                               |              |
| 71  | TPA-04    |                                          |                                           |                     |                           |                                               |              |
| 72  | TPA-05    |                                          |                                           |                     |                           |                                               |              |
| 73  | TPA-06    |                                          |                                           |                     |                           |                                               |              |
| 74  | TPA-07    |                                          |                                           |                     |                           |                                               |              |
| 75  | TPA-08    |                                          |                                           |                     |                           |                                               |              |
| 76  | TPB-01    |                                          |                                           |                     |                           |                                               |              |
| 77  | TPB-02    |                                          |                                           |                     |                           |                                               |              |
| 78  | TPB-03    |                                          |                                           |                     |                           |                                               |              |
| 79  | TPB-04    |                                          |                                           |                     |                           |                                               |              |
| 80  | TPB-05    |                                          |                                           |                     |                           |                                               |              |
| 81  | TPB-06    |                                          |                                           |                     |                           |                                               |              |
| 82  | TPB-06A   |                                          |                                           |                     |                           |                                               |              |
| 83  | TPB0-7    |                                          |                                           |                     |                           |                                               |              |
| 84  | TPB-08    |                                          |                                           |                     |                           |                                               |              |
| 85  | TPD-01A   |                                          |                                           |                     |                           |                                               |              |
| 86  | TPY-01    |                                          |                                           |                     |                           |                                               |              |



**City of Mountain View  
Shoreline Landfill  
Component leak check and repair form  
Site Name: Crittenden**

Inspection Date: 6/10/22 Start Time: 7:00 AM Finish Time: 11:00 AM

Inspector Name: Jason R. Bean Instrument Used: TVA

Weather: Clear Leak Detected: No leaks

*detected above reg. limit.*

| No. | Component     | OVA Reading<br>1 CM above<br>vault (PPM) | OVA Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                       |                                               | Action Taken |
|-----|---------------|------------------------------------------|------------------------------------------|---------------------|-----------------------|-----------------------------------------------|--------------|
|     |               |                                          |                                          | Repair<br>Date      | Re-monitoring<br>Date | OVA Reading 1<br>CM above vault<br>With (PPM) |              |
| 1   | A/BHDRCON     | ND                                       | ND                                       |                     |                       |                                               |              |
| 2   | B/CHDRCON     |                                          |                                          |                     |                       |                                               |              |
| 3   | CDHDRCON      |                                          |                                          |                     |                       |                                               |              |
| 4   | CRA-01        |                                          |                                          |                     |                       |                                               |              |
| 5   | CRA-01V       |                                          |                                          |                     |                       |                                               |              |
| 6   | CRA-02R       |                                          |                                          |                     |                       |                                               |              |
| 7   | CRA-02RV      |                                          |                                          |                     |                       |                                               |              |
| 8   | CRA-03        |                                          |                                          |                     |                       |                                               |              |
| 9   | CRA-03V       |                                          |                                          |                     |                       |                                               |              |
| 10  | CRA-04        |                                          |                                          |                     |                       |                                               |              |
| 11  | CRA-04V       |                                          |                                          |                     |                       |                                               |              |
| 12  | CRA-05R       |                                          |                                          |                     |                       |                                               |              |
| 13  | CRA-05RV      |                                          |                                          |                     |                       |                                               |              |
| 14  | CRA-06        |                                          |                                          |                     |                       |                                               |              |
| 15  | CRA-06V       |                                          |                                          |                     |                       |                                               |              |
| 16  | CR07          |                                          |                                          |                     |                       |                                               |              |
| 17  | CRA-07V       |                                          |                                          |                     |                       |                                               |              |
| 18  | CRA-08        |                                          |                                          |                     |                       |                                               |              |
| 19  | CRA-08V       |                                          |                                          |                     |                       |                                               |              |
| 20  | CRA-09        |                                          |                                          |                     |                       |                                               |              |
| 21  | CRA-09V       |                                          |                                          |                     |                       |                                               |              |
| 22  | CRA-10        |                                          |                                          |                     |                       |                                               |              |
| 23  | CRA-10V       |                                          |                                          |                     |                       |                                               |              |
| 24  | CRA-11        |                                          |                                          |                     |                       |                                               |              |
| 25  | CRA-11V       |                                          |                                          |                     |                       |                                               |              |
| 26  | CRA-12        |                                          |                                          |                     |                       |                                               |              |
| 27  | CRA-12V       |                                          |                                          |                     |                       |                                               |              |
| 28  | CRA-13        |                                          |                                          |                     |                       |                                               |              |
| 29  | CRA-13V       |                                          |                                          |                     |                       |                                               |              |
| 30  | CRB-01        |                                          |                                          |                     |                       |                                               |              |
| 31  | CRB-01 Bottom |                                          |                                          |                     |                       |                                               |              |
| 32  | CRB1VA Top    |                                          |                                          |                     |                       |                                               |              |
| 33  | CRB-02        |                                          |                                          |                     |                       |                                               |              |
| 34  | CRB2VA Bottom |                                          |                                          |                     |                       |                                               |              |
| 35  | CRB2VA Top    |                                          |                                          |                     |                       |                                               |              |
| 36  | CRB-03        |                                          |                                          |                     |                       |                                               |              |
| 37  | CRB3VA Bottom |                                          |                                          |                     |                       |                                               |              |
| 38  | CRB3VA Top    |                                          |                                          |                     |                       |                                               |              |

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| No. | Component      | OVA Reading<br>1 CM above<br>vault (PPM) | OVA Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                       |                                               |              |
|-----|----------------|------------------------------------------|------------------------------------------|---------------------|-----------------------|-----------------------------------------------|--------------|
|     |                |                                          |                                          | Repair<br>Date      | Re-monitoring<br>Date | OVA Reading 1<br>CM above vault<br>With (PPM) | Action Taken |
| 39  | CRB-04         | ND                                       | NP                                       |                     |                       |                                               |              |
| 40  | CRB4VA Bottom  |                                          |                                          |                     |                       |                                               |              |
| 41  | CRB4VA Top     |                                          |                                          |                     |                       |                                               |              |
| 42  | CRB-05         |                                          |                                          |                     |                       |                                               |              |
| 43  | CRB5VA Bottom  |                                          |                                          |                     |                       |                                               |              |
| 44  | CRB5VA Top     |                                          |                                          |                     |                       |                                               |              |
| 45  | CRB-06         |                                          |                                          |                     |                       |                                               |              |
| 46  | CRB6VA Bottom  |                                          |                                          |                     |                       |                                               |              |
| 47  | CRB6VA Top     |                                          |                                          |                     |                       |                                               |              |
| 48  | CRB-07R        |                                          |                                          |                     |                       |                                               |              |
| 49  | CRB7RVA Top    |                                          |                                          |                     |                       |                                               |              |
| 50  | CRB7RVA Bottom |                                          |                                          |                     |                       |                                               |              |
| 51  | CRB7VA Top     |                                          |                                          |                     |                       |                                               |              |
| 52  | CRB7VA Bottom  |                                          |                                          |                     |                       |                                               |              |
| 53  | CRB-08         |                                          |                                          |                     |                       |                                               |              |
| 54  | CRB8VA Top     |                                          |                                          |                     |                       |                                               |              |
| 55  | CRB8VA Bottom  |                                          |                                          |                     |                       |                                               |              |
| 56  | CRC-01         |                                          |                                          |                     |                       |                                               |              |
| 57  | CRC1VA         |                                          |                                          |                     |                       |                                               |              |
| 58  | CRC-02         |                                          |                                          |                     |                       |                                               |              |
| 59  | CRC2VA         |                                          |                                          |                     |                       |                                               |              |
| 60  | CRC-03         |                                          |                                          |                     |                       |                                               |              |
| 61  | CRC3VA         |                                          |                                          |                     |                       |                                               |              |
| 62  | CRC-04         |                                          |                                          |                     |                       |                                               |              |
| 63  | CRC4VA         |                                          |                                          |                     |                       |                                               |              |
| 64  | CRD-01         |                                          |                                          |                     |                       |                                               |              |
| 65  | CRD1VA         |                                          |                                          |                     |                       |                                               |              |
| 66  | CRD-02         |                                          |                                          |                     |                       |                                               |              |
| 67  | CRD2VA         |                                          |                                          |                     |                       |                                               |              |
| 68  | CRD-03         |                                          |                                          |                     |                       |                                               |              |
| 69  | CRD3VA         |                                          |                                          |                     |                       |                                               |              |
| 70  | CRD-04         |                                          |                                          |                     |                       |                                               |              |
| 71  | CRD-04VA       |                                          |                                          |                     |                       |                                               |              |
| 72  | CRD-05         |                                          |                                          |                     |                       |                                               |              |
| 73  | CRD5VA         |                                          |                                          |                     |                       |                                               |              |
| 74  | CRD-06         |                                          |                                          |                     |                       |                                               |              |
| 75  | CRD6VA         |                                          |                                          |                     |                       |                                               |              |
| 76  | CRD-07         |                                          |                                          |                     |                       |                                               |              |
| 77  | CRD7VA         |                                          |                                          |                     |                       |                                               |              |
| 78  | CRD-08         |                                          |                                          |                     |                       |                                               |              |
| 79  | CRD8VA         |                                          |                                          |                     |                       |                                               |              |
| 80  | CRD-09         |                                          |                                          |                     |                       |                                               |              |
| 81  | CRD9VA         |                                          |                                          |                     |                       |                                               |              |
| 82  | CRD10          |                                          |                                          |                     |                       |                                               |              |
| 83  | CRD10VA        |                                          |                                          |                     |                       |                                               |              |
| 84  | CRD11          |                                          |                                          |                     |                       |                                               |              |
| 85  | CRD11VA        |                                          |                                          |                     |                       |                                               |              |
| 86  | CRDAVA         |                                          |                                          |                     |                       |                                               |              |
| 87  | CRH5TP         |                                          |                                          |                     |                       |                                               |              |

| No. | Component  | OVA Reading<br>1 CM above<br>vault (PPM) | OVA Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                       |                                               |              |
|-----|------------|------------------------------------------|------------------------------------------|---------------------|-----------------------|-----------------------------------------------|--------------|
|     |            |                                          |                                          | Repair<br>Date      | Re-monitoring<br>Date | OVA Reading 1<br>CM above vault<br>With (PPM) | Action Taken |
| 88  | CRHV8TP    | ND                                       | ND                                       |                     |                       |                                               |              |
| 89  | CRHVA10TP  |                                          |                                          |                     |                       |                                               |              |
| 90  | CRHVA4TP   |                                          |                                          |                     |                       |                                               |              |
| 91  | CRHVB1TP   |                                          |                                          |                     |                       |                                               |              |
| 92  | CRHVB3TP   |                                          |                                          |                     |                       |                                               |              |
| 93  | CRHVB5TP   |                                          |                                          |                     |                       |                                               |              |
| 94  | CRHVD8TP   |                                          |                                          |                     |                       |                                               |              |
| 95  | CRS1       |                                          |                                          |                     |                       |                                               |              |
| 96  | CRS2       |                                          |                                          |                     |                       |                                               |              |
| 97  | CRS3       |                                          |                                          |                     |                       |                                               |              |
| 98  | CRS4       |                                          |                                          |                     |                       |                                               |              |
| 99  | CRS6A      |                                          |                                          |                     |                       |                                               |              |
| 100 | CRV5AC     |                                          |                                          |                     |                       |                                               |              |
| 101 | CRVA1ACTP  |                                          |                                          |                     |                       |                                               |              |
| 102 | CRVA2ACTP3 |                                          |                                          |                     |                       |                                               |              |
| 103 | CRVA6AC    |                                          |                                          |                     |                       |                                               |              |
| 104 | CRVA7AC    |                                          |                                          |                     |                       |                                               |              |
| 105 | CRVAC3TP6  |                                          |                                          |                     |                       |                                               |              |
| 106 | CRVAMAIN   |                                          |                                          |                     |                       |                                               |              |
| 107 | CRVB1AC    |                                          |                                          |                     |                       |                                               |              |
| 108 | CRVB2ACTP  |                                          |                                          |                     |                       |                                               |              |
| 109 | CRVB3ACTP4 |                                          |                                          |                     |                       |                                               |              |
| 110 | CRVB4AC    |                                          |                                          |                     |                       |                                               |              |
| 111 | CRVC1AC    |                                          |                                          |                     |                       |                                               |              |
| 112 | CRVC3AC    |                                          |                                          |                     |                       |                                               |              |
| 113 | CRVCAC2TP  |                                          |                                          |                     |                       |                                               |              |
| 114 | CRVD1AC    |                                          |                                          |                     |                       |                                               |              |
| 115 | CRVD2AC    |                                          |                                          |                     |                       |                                               |              |
| 116 | CRVD3AC    |                                          |                                          |                     |                       |                                               |              |
| 117 | CRVD5AC    |                                          |                                          |                     |                       |                                               |              |
| 118 | CRVH2TP    |                                          |                                          |                     |                       |                                               |              |
| 119 | CRVH4AC    |                                          |                                          |                     |                       |                                               |              |
| 120 | CRVHA9TP   |                                          |                                          |                     |                       |                                               |              |
| 121 | CRVHB6TP   |                                          |                                          |                     |                       |                                               |              |
| 122 | CRVHC1TP   |                                          |                                          |                     |                       |                                               |              |
| 123 | CRVHC3TP   |                                          |                                          |                     |                       |                                               |              |
| 124 | CRVHC4TP   |                                          |                                          |                     |                       |                                               |              |
| 125 | CRVHD1     |                                          |                                          |                     |                       |                                               |              |
| 126 | CRVHD3TP   |                                          |                                          |                     |                       |                                               |              |
| 127 | CRVHD5TP   |                                          |                                          |                     |                       |                                               |              |
| 128 | CRVHDNORTH |                                          |                                          |                     |                       |                                               |              |
| 129 | CRVHMAIN   |                                          |                                          |                     |                       |                                               |              |
| 130 | CTPA11     |                                          |                                          |                     |                       |                                               |              |
| 131 | CTPA7      |                                          |                                          |                     |                       |                                               |              |
| 132 | CTPD1      |                                          |                                          |                     |                       |                                               |              |
| 133 | CTPD10     |                                          |                                          |                     |                       |                                               |              |
| 134 | CTPD11     |                                          |                                          |                     |                       |                                               |              |
| 135 | CTPD2      |                                          |                                          |                     |                       |                                               |              |
| 136 | CTPD4      |                                          |                                          |                     |                       |                                               |              |

| No. | Component | OVA Reading<br>1 CM above<br>vault (PPM) | OVA Reading<br>2 IN above<br>vault (PPM) | Repair/Remonitoring |                       |                                               | Action Taken |
|-----|-----------|------------------------------------------|------------------------------------------|---------------------|-----------------------|-----------------------------------------------|--------------|
|     |           |                                          |                                          | Repair<br>Date      | Re-monitoring<br>Date | OVA Reading 1<br>CM above vault<br>With (PPM) |              |
| 137 | CTPD9     | NO                                       | NO                                       |                     |                       |                                               |              |
| 138 | CVT1      |                                          |                                          |                     |                       |                                               |              |
| 139 | CVT2      |                                          |                                          |                     |                       |                                               |              |
| 140 | CVT4      |                                          |                                          |                     |                       |                                               |              |
| 141 | CVT5      |                                          |                                          |                     |                       |                                               |              |
| 142 | CVT6      |                                          |                                          |                     |                       |                                               |              |
| 143 | CVT7      |                                          |                                          |                     |                       |                                               |              |
| 144 | CVT8      |                                          |                                          |                     |                       |                                               |              |
| 145 | CVTA1     |                                          |                                          |                     |                       |                                               |              |
| 146 | CVTB1/2   |                                          |                                          |                     |                       |                                               |              |
| 147 | CVTC1/2   |                                          |                                          |                     |                       |                                               |              |
| 148 | CVTD1/2   |                                          |                                          |                     |                       |                                               |              |
| 149 | CVTF-1/2  |                                          |                                          |                     |                       |                                               |              |
| 150 | CVTG1     |                                          |                                          |                     |                       |                                               |              |
| 151 | EFHDRCON  |                                          |                                          |                     |                       |                                               |              |
| 152 | FGHDRCON  |                                          |                                          |                     |                       |                                               |              |
| 153 | CS1       |                                          |                                          |                     |                       |                                               |              |
| 154 | CS10      |                                          |                                          |                     |                       |                                               |              |
| 155 | CS11      |                                          |                                          |                     |                       |                                               |              |
| 156 | CS12      |                                          |                                          |                     |                       |                                               |              |
| 157 | CS13      |                                          |                                          |                     |                       |                                               |              |
| 158 | CS14      |                                          |                                          |                     |                       |                                               |              |
| 159 | CS15      |                                          |                                          |                     |                       |                                               |              |
| 160 | CS17      |                                          |                                          |                     |                       |                                               |              |
| 161 | CS18      |                                          |                                          |                     |                       |                                               |              |
| 162 | CS2       |                                          |                                          |                     |                       |                                               |              |
| 163 | CS3       |                                          |                                          |                     |                       |                                               |              |
| 164 | CS4       |                                          |                                          |                     |                       |                                               |              |
| 165 | CS5       |                                          |                                          |                     |                       |                                               |              |
| 166 | CS6       |                                          |                                          |                     |                       |                                               |              |
| 167 | CS7       |                                          |                                          |                     |                       |                                               |              |
| 168 | CS8       |                                          |                                          |                     |                       |                                               |              |
| 169 | CS9       |                                          |                                          |                     |                       |                                               |              |
|     |           | T=Top                                    | B=Bottom                                 |                     |                       |                                               | 2011-05-11a  |

S - Box Sealed  
V - Vacuum Adjusted

**City of Mountain View  
Shoreline Landfill  
Component leak check and repair form  
Site Name: NORTHSORE**

Inspection Date: 6/10/22 Start Time: 7AM Finish Time: 10am

Inspector Name: LEON ROSALES Instrument Used: TVA, GATOR

Weather: Clear Leak detected: No Leaks detected over regulatory limit

| No. | Component | Repair/Remonitoring                |                                    |             |                    |                                         |              |
|-----|-----------|------------------------------------|------------------------------------|-------------|--------------------|-----------------------------------------|--------------|
|     |           | OVA Reading 1 CM above vault (PPM) | OVA Reading 2 IN above vault (PPM) | Repair Date | Re-monitoring Date | OVA Reading 1 CM above vault With (PPM) | Action Taken |
| 1   | WN-01     | ND                                 | ND                                 |             |                    |                                         |              |
| 2   | WN-01V    |                                    |                                    |             |                    |                                         |              |
| 3   | WN-02     |                                    |                                    |             |                    |                                         |              |
| 4   | WN-02V    |                                    |                                    |             |                    |                                         |              |
| 5   | WN-03R    |                                    |                                    |             |                    |                                         |              |
| 6   | WN-03RV   |                                    |                                    |             |                    |                                         |              |
| 7   | WN-04     |                                    |                                    |             |                    |                                         |              |
| 8   | WN-04V    |                                    |                                    |             |                    |                                         |              |
| 9   | WN-04A    |                                    |                                    |             |                    |                                         |              |
| 10  | WN-04AV   |                                    |                                    |             |                    |                                         |              |
| 11  | WN-05     |                                    |                                    |             |                    |                                         |              |
| 12  | WN-05V    |                                    |                                    |             |                    |                                         |              |
| 13  | WN-06     |                                    |                                    |             |                    |                                         |              |
| 14  | WN-06V    |                                    |                                    |             |                    |                                         |              |
| 15  | WN-07     |                                    |                                    |             |                    |                                         |              |
| 16  | WN-07V    |                                    |                                    |             |                    |                                         |              |
| 17  | WN-08     |                                    |                                    |             |                    |                                         |              |
| 18  | WN-08V    |                                    |                                    |             |                    |                                         |              |
| 19  | WN-09     |                                    |                                    |             |                    |                                         |              |
| 20  | WN-09V    |                                    |                                    |             |                    |                                         |              |
| 21  | WN-10     |                                    |                                    |             |                    |                                         |              |
| 22  | WN-10V    |                                    |                                    |             |                    |                                         |              |
| 23  | WN-11     |                                    |                                    |             |                    |                                         |              |
| 24  | WN-11V    |                                    |                                    |             |                    |                                         |              |
| 25  | WN-12     |                                    |                                    |             |                    |                                         |              |
| 26  | WN-12V    |                                    |                                    |             |                    |                                         |              |
| 27  | WN-13     |                                    |                                    |             |                    |                                         |              |
| 28  | WN-13V    |                                    |                                    |             |                    |                                         |              |
| 29  | WSN-01    |                                    |                                    |             |                    |                                         |              |
| 30  | WSN-02    |                                    |                                    |             |                    |                                         |              |
| 31  | WSN-03    |                                    |                                    |             |                    |                                         |              |
| 32  | WSN-04    |                                    |                                    |             |                    |                                         |              |
| 33  | WSN-05    |                                    |                                    |             |                    |                                         |              |
| 34  | WTPN-13   |                                    |                                    |             |                    |                                         |              |
| 35  | WTPN-15   |                                    |                                    |             |                    |                                         |              |
| 36  | WTPN-49   | ✓                                  | ✓                                  |             |                    |                                         |              |
| 37  | WTPN-50   |                                    |                                    |             |                    |                                         |              |

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COMPLIANCE DIVISION

| No. | Component  | OVA Reading 1 CM above vault (PPM) | OVA Reading 2 IN above vault (PPM) | Repair/Remonitoring |                    |                                         |              |
|-----|------------|------------------------------------|------------------------------------|---------------------|--------------------|-----------------------------------------|--------------|
|     |            |                                    |                                    | Repair Date         | Re-monitoring Date | OVA Reading 1 CM above vault With (PPM) | Action Taken |
| 38  | WTPN-06    | ND                                 | ND                                 |                     |                    |                                         |              |
| 39  | WTPN-60    |                                    |                                    |                     |                    |                                         |              |
| 40  | WTPN-70    |                                    |                                    |                     |                    |                                         |              |
| 41  | WTPN-78    |                                    |                                    |                     |                    |                                         |              |
| 42  | WVN-50ACH  |                                    |                                    |                     |                    |                                         |              |
| 43  | WVN-01ACH  |                                    |                                    |                     |                    |                                         |              |
| 44  | WVN-064ACH |                                    |                                    |                     |                    |                                         |              |
|     |            |                                    |                                    |                     |                    |                                         |              |
|     |            |                                    |                                    |                     |                    |                                         |              |
|     |            |                                    |                                    |                     |                    |                                         | 2011-05-11a  |

S - Box Sealed  
V- Vacuum Adjusted

# SECTION V

## MONTHLY LANDFILL GAS WELLHEAD MONITORING

CITY OF MOUNTAIN VIEW  
MONTHLY LANDFILL GAS WELL HEAD MONITORING

January 2022  
Back Nine

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| P00WE-01 | 1/24/22 1:00 | 53.6         | 29.5         | 0.0         | 16.9         | 71                | -30.3                                   |                                          | open           |
| P00WE-02 | 1/24/22 1:05 | 57.2         | 35.3         | 0.0         | 7.5          | 68                | -2.2                                    |                                          | open           |
| P00WE-03 | 1/24/22 1:15 | 55.0         | 27.6         | 3.1         | 14.3         | 75                | -4.1                                    |                                          | open           |
| P00WE-04 | 1/24/22 1:20 | 59.9         | 36.2         | 0.0         | 3.9          | 38                | -17.9                                   |                                          | open           |
| P00WE-05 | 1/24/22 1:25 | 62.9         | 35.7         | 0.0         | 1.4          | 35                | -1.2                                    |                                          | open           |
| P00WF-01 | 1/24/22 1:30 | 62.5         | 36.2         | 0.0         | 1.3          | 36                | -0.1                                    |                                          | open           |
| E00WN-13 | 1/24/22 1:35 | 17.2         | 14.1         | 14.8        | 53.9         | 63                | -34.8                                   |                                          | open           |
| EPOWN-12 | 1/24/22 1:40 | 42.6         | 30.3         | 5.2         | 21.9         | 73                | -1.5                                    |                                          | open           |
| E00WN-11 | 1/24/22 1:45 | 6.9          | 9.5          | 14.4        | 69.2         | 75                | -18.0                                   |                                          | open           |
| E00WN-10 | 1/24/22 1:50 | 56.3         | 38.0         | 0.0         | 5.7          | 69                | -12.5                                   |                                          | open           |
| EPOWN-09 | 1/24/22 1:55 | 56.5         | 40.3         | 0.0         | 3.2          | 77                | -3.8                                    |                                          | open           |
| EPOWN-08 | 1/24/22 2:05 | 6.7          | 4.0          | 19.8        | 69.5         | 76                | -0.1                                    |                                          | open           |
| E00WN-07 | 1/24/22 2:10 | 53.3         | 40.7         | 0.3         | 5.7          | 80                | -1.2                                    |                                          | open           |
| E00WN-06 | 1/24/22 2:15 | 44.6         | 34.3         | 0.1         | 21.0         | 67                | -20.0                                   |                                          | open           |
| EPOWN-05 | 1/24/22 2:20 | 56.2         | 40.0         | 0.0         | 3.8          | 77                | -5.6                                    |                                          | open           |
| EPWN-04A | 1/24/22 2:25 | 65.8         | 33.6         | 0.0         | 0.6          | 72                | -2.8                                    |                                          | open           |
| EPOWN-04 | 1/24/22 2:30 | 59.6         | 32.5         | 0.1         | 7.8          | 72                | -34.9                                   |                                          | open           |
| EPWN-03R | 1/24/22 2:35 | 53.1         | 29.9         | 2.5         | 14.5         | 75                | -2.7                                    |                                          | open           |
| E00WN-02 | 1/24/22 2:45 | 60.1         | 34.3         | 0.5         | 5.1          | 75                | -35.2                                   |                                          | open           |
| EPOWN-01 | 1/24/22 2:55 | 32.1         | 29.9         | 0.0         | 38.0         | 76                | -19.0                                   |                                          | open           |
| EPOWA-01 | 1/24/22 6:05 | 54.2         | 35.9         | 1.1         | 8.8          | 40                | -5.7                                    |                                          | open           |
| EPOWA-02 | 1/24/22 6:10 | 0.4          | 2.0          | 20.8        | 76.8         | 39                | -40.2                                   |                                          | open           |
| P00WA-04 | 1/24/22 6:15 | 60.8         | 32.3         | 0.4         | 6.5          | 48                | -0.1                                    |                                          | open           |
| EPOWA-06 | 1/24/22 6:25 | 57.0         | 37.9         | 0.0         | 5.1          | 49                | -10.7                                   |                                          | open           |
| EPOWA-05 | 1/24/22 6:30 | 42.2         | 25.1         | 6.7         | 26.0         | 50                | 21.0                                    | -0.5                                     | open           |
| P00WA-07 | 1/24/22 6:35 | 40.3         | 30.3         | 0.0         | 29.4         | 52                | -13.2                                   |                                          | open           |
| EPOWA-08 | 1/24/22 6:40 | 0.0          | 0.1          | 20.7        | 79.2         | 55                | -32.5                                   |                                          | open           |
| EPOWA-09 | 1/24/22 6:45 | 1.8          | 5.4          | 20.8        | 72.0         | 49                | -39.9                                   |                                          | open           |
| P00WA-10 | 1/24/22 6:50 | 43.5         | 25.6         | 4.8         | 26.1         | 55                | -37.8                                   |                                          | open           |
| P00WA-11 | 1/24/22 7:00 | 45.0         | 29.6         | 4.8         | 20.6         | 51                | -5.7                                    |                                          | open           |
| P00WA-12 | 1/24/22 7:05 | 57.7         | 38.9         | 0.0         | 3.4          | 51                | -3.2                                    |                                          | open           |
| EPOWA-13 | 1/24/22 7:10 | 61.7         | 37.5         | 0.0         | 0.8          | 52                | -10.9                                   |                                          | open           |
| E00WA-14 | 1/24/22 7:15 | 0.3          | 8.8          | 7.7         | 83.2         | 54                | -0.1                                    |                                          | open           |
| EPOWA-15 | 1/24/22 7:30 | 0.0          | 0.4          | 20.8        | 78.8         | 58                | -39.5                                   |                                          | open           |
| EPOWA-16 | 1/24/22 7:35 | 0.8          | 0.4          | 20.7        | 78.1         | 65                | -23.9                                   |                                          | open           |
| P00WA-17 | 1/24/22 7:40 | 47.2         | 31.5         | 4.5         | 16.8         | 62                | -32.9                                   |                                          | open           |
| EPOWA-18 | 1/24/22 7:45 | 67.4         | 30.7         | 0.0         | 1.9          | 60                | -13.5                                   |                                          | open           |
| EPOWA-19 | 1/24/22 7:50 | 37.9         | 24.3         | 7.4         | 30.4         | 66                | -4.9                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPOWA-20 | 1/24/22 7:55  | 17.2         | 10.4         | 16.2        | 56.2         | 66                | -0.1                                    |                                          | open           |
| EPOWA-21 | 1/24/22 8:00  | 23.7         | 25.1         | 1.0         | 50.2         | 73                | -0.6                                    |                                          | open           |
| EPOWA-22 | 1/24/22 8:05  | 30.3         | 26.2         | 2.0         | 41.5         | 66                | -1.6                                    |                                          | open           |
| EPOWA-23 | 1/24/22 8:10  | 47.5         | 34.7         | 0.0         | 17.8         | 62                | -4.9                                    |                                          | open           |
| EPOWB-17 | 1/24/22 8:15  | 16.6         | 21.9         | 1.8         | 59.7         | 65                | -0.2                                    |                                          | open           |
| EPOWA-24 | 1/24/22 8:25  | 45.1         | 29.0         | 4.7         | 21.2         | 61                | -36.9                                   |                                          | open           |
| EPOWA-25 | 1/24/22 8:30  | 20.5         | 13.4         | 14.1        | 52.0         | 65                | -0.9                                    |                                          | open           |
| EPOWA-26 | 1/24/22 8:40  | 42.8         | 28.9         | 5.8         | 22.5         | 65                | -34.2                                   |                                          | open           |
| EPOWA-27 | 1/24/22 8:45  | 51.7         | 33.4         | 2.1         | 12.8         | 62                | -21.8                                   |                                          | open           |
| EPOWA-28 | 1/24/22 8:50  | 53.5         | 36.9         | 0.0         | 9.6          | 60                | -3.7                                    |                                          | open           |
| E00WA-29 | 1/24/22 8:55  | 37.7         | 32.1         | 0.0         | 30.2         | 69                | -1.6                                    |                                          | open           |
| EPOWB-16 | 1/24/22 9:00  | 1.1          | 5.2          | 16.8        | 76.9         | 47                | -0.9                                    |                                          | open           |
| EPOWB-15 | 1/24/22 9:05  | 45.3         | 36.7         | 0.0         | 18.0         | 46                | -1.4                                    |                                          | open           |
| EPOWB-14 | 1/24/22 9:10  | 0.3          | 0.5          | 20.8        | 78.4         | 53                | -0.1                                    |                                          | open           |
| EPOWB-13 | 1/24/22 9:15  | 17.3         | 25.8         | 0.0         | 56.9         | 53                | -1.2                                    |                                          | open           |
| EPWB-12A | 1/24/22 9:20  | 38.7         | 31.4         | 0.6         | 29.3         | 52                | -0.6                                    |                                          | open           |
| EPOWB-12 | 1/24/22 9:30  | 36.1         | 30.3         | 0.5         | 33.1         | 54                | -3.2                                    |                                          | open           |
| EPOWB-11 | 1/24/22 9:35  | 54.7         | 29.8         | 3.1         | 12.4         | 51                | -15.8                                   |                                          | open           |
| E00WB-10 | 1/24/22 9:40  | 17.3         | 8.3          | 17.0        | 57.4         | 59                | -6.1                                    |                                          | open           |
| EPOWB-09 | 1/24/22 9:45  | 62.2         | 33.9         | 0.0         | 3.9          | 54                | -6.9                                    |                                          | open           |
| EPOWB-08 | 1/24/22 9:55  | 59.5         | 34.8         | 0.3         | 5.4          | 55                | -22.7                                   |                                          | open           |
| EPOWB-07 | 1/24/22 10:00 | 52.1         | 31.5         | 2.7         | 13.7         | 63                | -5.4                                    |                                          | open           |
| EPWB-07A | 1/24/22 10:05 | 38.0         | 23.7         | 8.0         | 30.3         | 64                | -1.4                                    |                                          | open           |
| EPOWB-06 | 1/24/22 10:10 | 34.6         | 29.7         | 2.0         | 33.7         | 71                | -0.5                                    |                                          | open           |
| EPWB-06A | 1/24/22 10:15 | 45.8         | 33.1         | 0.0         | 21.1         | 68                | -1.5                                    |                                          | open           |
| EPOWB-05 | 1/24/22 10:20 | 42.0         | 26.6         | 1.5         | 29.9         | 72                | -8.6                                    |                                          | open           |
| EPWB-05A | 1/24/22 10:25 | 46.4         | 27.5         | 0.0         | 26.1         | 64                | -0.6                                    |                                          | open           |
| EPOWB-04 | 1/24/22 10:35 | 36.9         | 12.4         | 12.3        | 38.4         | 61                | 1.0                                     | -0.1                                     | open           |
| E00WB-03 | 1/24/22 10:40 | 1.2          | 0.6          | 20.8        | 77.4         | 69                | -1.2                                    |                                          | open           |
| E00WB-02 | 1/24/22 10:45 | 0.0          | 2.0          | 20.7        | 77.3         | 69                | 0.6                                     | -0.3                                     | open           |
| EPOWB-01 | 1/24/22 10:55 | 60.6         | 37.4         | 0.0         | 2.0          | 64                | -0.2                                    |                                          | open           |
| P00WC-01 | 1/24/22 11:00 | 57.4         | 31.5         | 1.2         | 9.9          | 65                | -36.5                                   |                                          | open           |
| P00WC-02 | 1/24/22 12:05 | 56.0         | 32.1         | 0.6         | 11.3         | 66                | -28.5                                   |                                          | open           |
| P00WC-03 | 1/24/22 12:10 | 57.8         | 34.6         | 1.2         | 6.4          | 66                | -30.4                                   |                                          | open           |
| P00WC-04 | 1/24/22 12:15 | 51.2         | 30.6         | 0.8         | 17.4         | 66                | -25.5                                   |                                          | open           |
| P00WF-02 | 1/24/22 12:25 | 62.8         | 33.8         | 0.0         | 3.4          | 36                | -1.7                                    |                                          | open           |
| P00WD-04 | 1/24/22 12:30 | 60.8         | 34.2         | 0.2         | 4.8          | 36                | -9.1                                    |                                          | open           |
| EPOWD-03 | 1/24/22 12:35 | 5.6          | 2.7          | 20.8        | 70.9         | 37                | -0.1                                    |                                          | open           |
| P00WD-02 | 1/24/22 12:45 | 59.8         | 30.0         | 2.2         | 8.0          | 40                | -12.4                                   |                                          | open           |
| P00WD-01 | 1/24/22 12:50 | 70.1         | 26.4         | 0.0         | 3.5          | 36                | -8.1                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

January 2022

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| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| POWE-01A | 1/24/22 12:55 | 35.3         | 15.0         | 4.8         | 44.9         | 61                | -37.0                                   |                                          | open           |

Cell 6ANE

| Well ID  | Date/Time   | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|-------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| E0NEA-01 | 1/4/22 6:20 | 50.7         | 36.8         | 0.0         | 12.5         | 59                | -3.7                                    |                                          | open           |
| E0NEA-02 | 1/4/22 6:25 | 1.8          | 1.0          | 20.6        | 76.6         | 58                | -35.3                                   |                                          | open           |
| E0NEA-03 | 1/4/22 6:30 | 65.3         | 32.8         | 0.0         | 1.9          | 59                | -4.8                                    |                                          | open           |
| E0NEA-04 | 1/4/22 6:35 | 49.3         | 32.4         | 3.9         | 14.4         | 57                | -3.5                                    |                                          | open           |
| E0NEA-05 | 1/4/22 6:40 | 46.9         | 35.2         | 0.3         | 17.6         | 55                | -1.8                                    |                                          | open           |
| E0NEA-06 | 1/4/22 6:45 | 19.3         | 22.8         | 0.5         | 57.4         | 55                | -0.4                                    |                                          | open           |
| E0NEA-07 | 1/4/22 6:50 | 58.3         | 41.5         | 0.0         | 0.2          | 54                | -0.3                                    |                                          | open           |
| E0NEA-08 | 1/4/22 6:55 | 51.1         | 39.6         | 0.0         | 9.3          | 57                | -3.8                                    |                                          | open           |
| E0NEA-09 | 1/4/22 7:00 | 58.4         | 41.6         | 0.0         | 0.0          | 55                | -1.0                                    |                                          | open           |
| 00NEA-10 | 1/4/22 7:05 | 58.3         | 39.3         | 0.0         | 2.4          | 54                | -3.2                                    |                                          | open           |
| E0NEA-11 | 1/4/22 7:10 | 54.1         | 37.4         | 0.0         | 8.5          | 57                | -2.7                                    |                                          | open           |
| 00NEA-12 | 1/4/22 7:15 | 52.6         | 38.9         | 0.3         | 8.2          | 55                | -2.2                                    |                                          | open           |
| E0NEA-13 | 1/4/22 7:20 | 55.3         | 36.3         | 0.7         | 7.7          | 57                | -3.1                                    |                                          | open           |
| 00NEA-14 | 1/4/22 7:25 | 59.3         | 39.6         | 0.0         | 1.1          | 57                | -35.8                                   |                                          | open           |
| E0NEA-15 | 1/4/22 7:30 | 58.7         | 40.2         | 0.0         | 1.1          | 54                | -34.9                                   |                                          | open           |
| ENE-16A  | 1/4/22 7:35 | 58.9         | 40.6         | 0.0         | 0.5          | 55                | -35.0                                   |                                          | open           |
| E0NEB-01 | 1/4/22 7:55 | 67.9         | 28.9         | 0.0         | 3.2          | 53                | -2.5                                    |                                          | open           |
| E0NEB-02 | 1/4/22 8:00 | 0.6          | 0.8          | 20.8        | 77.8         | 54                | -20.4                                   |                                          | open           |
| E0NEB-03 | 1/4/22 8:05 | 31.1         | 23.5         | 5.3         | 40.1         | 55                | -0.4                                    |                                          | open           |
| E0NEB-04 | 1/4/22 8:10 | 13.1         | 7.9          | 17.3        | 61.7         | 55                | -1.3                                    |                                          | open           |
| E0NEB-05 | 1/4/22 8:15 | 39.3         | 30.6         | 0.0         | 30.1         | 55                | -0.1                                    |                                          | open           |
| E0NEB-06 | 1/4/22 8:20 | 53.1         | 38.5         | 0.0         | 8.4          | 56                | -1.7                                    |                                          | open           |
| E0NEB-07 | 1/4/22 8:25 | 42.5         | 36.3         | 0.0         | 21.2         | 57                | -0.4                                    |                                          | open           |
| E0NEB-08 | 1/4/22 8:30 | 47.3         | 35.4         | 0.0         | 17.3         | 55                | -0.3                                    |                                          | open           |
| 00NEB-09 | 1/4/22 8:35 | 32.6         | 32.3         | 0.0         | 35.1         | 58                | -0.6                                    |                                          | open           |
| E0NEB-10 | 1/4/22 8:40 | 34.9         | 34.5         | 0.0         | 30.6         | 52                | -6.8                                    |                                          | open           |
| E0NEB-11 | 1/4/22 8:45 | 47.2         | 37.4         | 0.0         | 15.4         | 55                | -10.5                                   |                                          | open           |
| E0NEB-12 | 1/4/22 8:50 | 45.0         | 36.1         | 0.0         | 18.9         | 55                | -1.7                                    |                                          | open           |
| E0NEB-13 | 1/4/22 8:55 | 18.4         | 16.7         | 11.4        | 53.5         | 54                | -0.1                                    |                                          | open           |
| EPNEB-14 | 1/4/22 9:00 | 29.1         | 30.3         | 1.8         | 38.8         | 57                | -8.3                                    | -3.2                                     | open           |
| E0NEC-01 | 1/4/22 9:15 | 29.9         | 29.2         | 4.5         | 36.4         | 55                | -4.5                                    | -1.6                                     | open           |
| E0NEC-02 | 1/4/22 9:20 | 35.9         | 34.0         | 0.1         | 30.0         | 55                | -3.1                                    |                                          | open           |
| E0NEC-03 | 1/4/22 9:25 | 36.6         | 33.9         | 1.4         | 28.1         | 57                | -0.2                                    |                                          | open           |
| EPNED-01 | 1/4/22 9:30 | 5.9          | 21.2         | 1.7         | 71.2         | 58                | -14.3                                   |                                          | open           |
| 00NED-02 | 1/4/22 9:35 | 50.8         | 37.7         | 0.0         | 11.5         | 58                | -1.7                                    |                                          | open           |
| 00NED-03 | 1/4/22 9:40 | 37.8         | 30.3         | 0.0         | 31.9         | 59                | -1.4                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 00NEE-01 | 1/4/22 9:45  | 59.1         | 40.9         | 0.0         | 0.0          | 59                | -16.3                                   |                                          | open           |
| E0NEE-02 | 1/4/22 9:50  | 45.1         | 36.4         | 0.0         | 18.5         | 57                | -7.8                                    |                                          | open           |
| E0NEE-03 | 1/4/22 10:00 | 7.1          | 12.0         | 8.9         | 72.0         | 59                | -4.9                                    |                                          | open           |
| E0NEE-04 | 1/4/22 10:05 | 54.0         | 30.5         | 0.0         | 15.5         | 57                | -28.2                                   |                                          | open           |
| E0NEE-05 | 1/4/22 10:10 | 33.6         | 31.2         | 0.0         | 35.2         | 59                | -0.7                                    |                                          | open           |
| E0NEE-06 | 1/4/22 10:15 | 50.0         | 36.9         | 0.0         | 13.1         | 61                | -5.2                                    |                                          | open           |

Crittenden

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPCRA-01 | 1/26/22 6:53  | 57.8         | 37.5         | 0.4         | 4.3          | 46                | -0.1                                    |                                          | open           |
| EPCRA02R | 1/26/22 6:58  | 27.5         | 17.5         | 4.2         | 50.8         | 46                | -0.1                                    |                                          | open           |
| ECRA-05R | 1/26/22 7:04  | 8.5          | 22.3         | 0.6         | 68.6         | 45                | -0.1                                    |                                          | open           |
| EPCRA-03 | 1/26/22 7:12  | 49.6         | 36.1         | 0.0         | 14.3         | 48                | -0.3                                    |                                          | open           |
| EPCRA-04 | 1/26/22 7:20  | 26.6         | 22.0         | 8.1         | 43.3         | 46                | -0.3                                    |                                          | open           |
| EPCRA-06 | 1/26/22 7:48  | 6.3          | 18.1         | 3.0         | 72.6         | 46                | -0.1                                    |                                          | open           |
| EPCRA-07 | 1/26/22 7:56  | 8.1          | 20.9         | 0.0         | 71.0         | 47                | -0.1                                    |                                          | open           |
| EPCRA-09 | 1/26/22 8:17  | 25.8         | 17.0         | 11.8        | 45.4         | 46                | -0.1                                    |                                          | open           |
| EPCRA-10 | 1/26/22 8:24  | 25.1         | 19.8         | 8.6         | 46.5         | 46                | -0.1                                    |                                          | open           |
| EPCRA-08 | 1/26/22 8:40  | 50.2         | 31.7         | 0.0         | 18.1         | 46                | -0.3                                    |                                          | open           |
| E0CRA-13 | 1/26/22 8:42  | 59.2         | 38.9         | 0.0         | 1.9          | 48                | -0.2                                    |                                          | open           |
| 00CRA-12 | 1/26/22 8:50  | 54.1         | 33.3         | 0.0         | 12.6         | 46                | -0.4                                    |                                          | open           |
| 00CRA-11 | 1/26/22 8:56  | 56.7         | 34.5         | 0.5         | 8.3          | 47                | -0.4                                    |                                          | open           |
| EPCRB-01 | 1/26/22 9:14  | 19.8         | 19.0         | 6.4         | 54.8         | 47                | -0.4                                    |                                          | open           |
| 00CRC-04 | 1/26/22 9:20  | 48.9         | 26.5         | 2.2         | 22.4         | 47                | -0.1                                    |                                          | open           |
| EPCRB-02 | 1/26/22 9:26  | 2.7          | 1.8          | 20.8        | 74.7         | 47                | -0.2                                    |                                          | open           |
| EPCRB-03 | 1/26/22 9:31  | 29.7         | 28.5         | 0.0         | 41.8         | 48                | -0.1                                    |                                          | open           |
| 00CRC-03 | 1/26/22 9:38  | 56.5         | 32.3         | 0.0         | 11.2         | 48                | -0.1                                    |                                          | open           |
| EPCRB-04 | 1/26/22 9:44  | 51.3         | 36.5         | 0.0         | 12.2         | 49                | -0.1                                    |                                          | open           |
| EPCRB-05 | 1/26/22 9:50  | 4.4          | 6.1          | 13.9        | 75.6         | 47                | -0.1                                    |                                          | open           |
| EPCRB-06 | 1/26/22 9:55  | 12.7         | 14.1         | 3.7         | 69.5         | 48                | -0.1                                    |                                          | open           |
| EPCRB07R | 1/26/22 10:09 | 50.9         | 30.0         | 0.9         | 18.2         | 49                | -0.3                                    |                                          | open           |
| 00CRC-01 | 1/26/22 10:14 | 48.3         | 27.1         | 0.0         | 24.6         | 47                | -0.3                                    |                                          | open           |
| E0CRB-08 | 1/26/22 10:22 | 1.4          | 1.1          | 20.8        | 76.7         | 47                | -0.4                                    |                                          | open           |
| E0CRD-01 | 1/26/22 10:28 | 53.4         | 33.0         | 0.0         | 13.6         | 38                | -0.8                                    |                                          | open           |
| 00CRC-02 | 1/26/22 10:30 | 49.3         | 28.9         | 0.0         | 21.8         | 48                | -0.2                                    |                                          | open           |
| 00CRD-02 | 1/26/22 10:33 | 62.0         | 31.9         | 0.0         | 6.1          | 38                | -0.5                                    |                                          | open           |
| E0CRD-03 | 1/26/22 10:38 | 61.1         | 36.7         | 0.0         | 2.2          | 37                | -0.8                                    |                                          | open           |
| 00CRD-04 | 1/26/22 10:43 | 62.1         | 32.8         | 0.0         | 5.1          | 37                | -0.4                                    |                                          | open           |
| E0CRD-05 | 1/26/22 10:48 | 60.5         | 27.6         | 0.0         | 11.9         | 38                | -0.1                                    |                                          | open           |
| 00CRD-06 | 1/26/22 10:53 | 59.1         | 27.9         | 1.3         | 11.7         | 40                | -0.8                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| E0CRD-11 | 1/26/22 11:03 | 1.4          | 1.3          | 20.8        | 76.5         | 37                | -0.4                                    |                                          | open           |
| E0CRD-08 | 1/26/22 11:10 | 57.1         | 32.5         | 0.0         | 10.4         | 39                | -0.3                                    |                                          | open           |
| E0CRD-09 | 1/26/22 11:15 | 32.0         | 22.9         | 0.3         | 44.8         | 37                | -0.1                                    |                                          | open           |
| E0CRD-10 | 1/26/22 11:20 | 51.6         | 25.7         | 0.0         | 22.7         | 38                | -0.4                                    |                                          | open           |
| 00CRD-07 | 1/26/22 11:40 | 38.9         | 20.2         | 4.8         | 36.1         | 42                | -0.2                                    |                                          | open           |

Front Nine

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 0000A-05 | 1/4/22 7:11  | 54.5         | 36.9         | 0.9         | 7.7          | 44                | -0.3                                    |                                          | open           |
| EP00B-28 | 1/4/22 7:45  | 0.3          | 1.1          | 18.9        | 79.7         | 45                | -0.1                                    |                                          | open           |
| EP00Y-01 | 1/4/22 7:50  | 0.1          | 0.3          | 19.9        | 79.7         | 45                | -0.1                                    |                                          | open           |
| EP0LE-01 | 1/4/22 8:01  | 0.9          | 10.7         | 6.9         | 81.5         | 52                | -0.1                                    |                                          | open           |
| E000Y-06 | 1/4/22 8:06  | 56.1         | 26.5         | 2.5         | 14.9         | 51                | -0.4                                    |                                          | open           |
| EP00Y-05 | 1/4/22 8:11  | 0.8          | 1.9          | 16.9        | 80.4         | 48                | -0.1                                    |                                          | open           |
| EP00Y-04 | 1/4/22 8:23  | 2.6          | 3.9          | 16.9        | 76.6         | 48                | -0.1                                    |                                          | open           |
| EP00Y-03 | 1/4/22 8:28  | 22.2         | 25.6         | 0.2         | 52.0         | 52                | -1.2                                    |                                          | open           |
| EP00Y-02 | 1/4/22 8:38  | 1.6          | 2.8          | 18.9        | 76.7         | 53                | -0.1                                    |                                          | open           |
| EP0LE-02 | 1/4/22 8:45  | 16.5         | 7.4          | 15.9        | 60.2         | 48                | -0.1                                    |                                          | open           |
| EP0LE-03 | 1/4/22 8:52  | 16.2         | 7.8          | 16.2        | 59.8         | 47                | -0.6                                    |                                          | open           |
| EP0LE-04 | 1/4/22 9:00  | 0.2          | 0.2          | 20.1        | 79.5         | 47                | -30.4                                   |                                          | open           |
| EP00B-02 | 1/4/22 9:05  | 26.5         | 22.3         | 7.6         | 43.6         | 45                | -0.1                                    |                                          | open           |
| E000B-03 | 1/4/22 9:15  | 58.1         | 31.5         | 0.1         | 10.3         | 46                | -0.1                                    |                                          | open           |
| 000B-04R | 1/4/22 9:20  | 36.6         | 21.9         | 2.1         | 39.4         | 48                | -0.1                                    |                                          | open           |
| E0FHZ-01 | 1/4/22 9:30  | 23.6         | 26.1         | 1.9         | 48.4         | 53                | -0.1                                    |                                          | open           |
| E0FHZ-02 | 1/4/22 9:36  | 39.9         | 34.2         | 0.1         | 25.8         | 54                | -0.1                                    |                                          | open           |
| E0FHZ-03 | 1/4/22 9:43  | 16.8         | 17.9         | 8.6         | 56.7         | 52                | -0.1                                    |                                          | open           |
| 0000B-12 | 1/4/22 9:50  | 45.7         | 31.1         | 3.3         | 19.9         | 52                | -1.4                                    |                                          | open           |
| E0FHZ-04 | 1/4/22 10:06 | 16.1         | 23.5         | 0.8         | 59.6         | 48                | -0.1                                    |                                          | open           |
| E000A-16 | 1/4/22 10:12 | 0.2          | 0.3          | 20.2        | 79.3         | 49                | -0.1                                    |                                          | open           |
| E0FHZ-05 | 1/4/22 10:20 | 35.1         | 31.2         | 0.1         | 33.6         | 50                | -0.1                                    |                                          | open           |

Michaels

| Well ID  | Date/Time   | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|-------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| E000MPHZ | 1/5/22 6:41 | 17.2         | 21.1         | 0.0         | 61.7         | 50                | -0.1                                    |                                          | open           |
| EP00B-20 | 1/5/22 6:44 | 0.7          | 1.1          | 20.9        | 77.3         | 49                | -0.1                                    |                                          | open           |
| EP00B-24 | 1/5/22 6:48 | 34.2         | 20.8         | 8.7         | 36.3         | 51                | -0.5                                    |                                          | open           |
| 000SC-2A | 1/5/22 6:52 | 2.2          | 11.9         | 7.6         | 78.3         |                   | -0.1                                    |                                          | open           |
| 00P1HIGH | 1/5/22 6:58 | 0.0          | 0.0          | 20.1        | 79.9         |                   |                                         |                                          | open           |
| 00P1LOW  | 1/5/22 7:02 | 0.0          | 1.7          | 15.6        | 82.7         |                   |                                         |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID | Date/Time | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|---------|-----------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
|---------|-----------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|

Vista

| Well ID  | Date/Time   | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|-------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 000VH-13 | 1/7/22 1:00 | 24.2         | 29.7         | 0.1         | 46.0         | 65                | -0.3                                    |                                          | open           |
| P00VJ-01 | 1/7/22 1:10 | 37.0         | 32.9         | 0.0         | 30.1         | 65                | -12.8                                   |                                          | open           |
| EPVJ-02R | 1/7/22 1:15 | 43.0         | 25.3         | 5.6         | 26.1         | 65                | -14.0                                   |                                          | open           |
| E0VJ-03R | 1/7/22 1:20 | 59.2         | 30.3         | 2.1         | 8.4          | 65                | -13.1                                   |                                          | open           |
| E0VJ-04A | 1/7/22 1:25 | 55.3         | 38.1         | 0.0         | 6.6          | 65                | -2.8                                    |                                          | open           |
| EPVJ-04R | 1/7/22 1:30 | 55.0         | 38.6         | 0.0         | 6.4          | 66                | -4.1                                    |                                          | open           |
| E0VJ-05R | 1/7/22 1:40 | 57.0         | 42.2         | 0.0         | 0.8          | 67                | -28.6                                   |                                          | open           |
| EP0VJ-06 | 1/7/22 1:45 | 58.8         | 37.9         | 0.2         | 3.1          | 66                | -29.1                                   |                                          | open           |
| E0VJ-07R | 1/7/22 1:50 | 57.9         | 38.9         | 0.0         | 3.2          | 67                | -10.0                                   |                                          | open           |
| E00VJ-08 | 1/7/22 1:55 | 32.3         | 29.8         | 2.4         | 35.5         | 67                | -2.9                                    |                                          | open           |
| E0VJ-09R | 1/7/22 2:00 | 35.7         | 29.3         | 1.0         | 34.0         | 67                | -30.7                                   |                                          | open           |
| EP0VJ-10 | 1/7/22 2:05 | 20.1         | 21.9         | 2.4         | 55.6         | 68                | -17.1                                   |                                          | open           |
| EPVJ-11R | 1/7/22 2:10 | 31.8         | 18.4         | 10.0        | 39.8         | 68                | -0.5                                    |                                          | open           |
| 000VK-01 | 1/7/22 2:15 | 51.8         | 38.0         | 0.0         | 10.2         | 68                | -36.2                                   |                                          | open           |
| P00VK-02 | 1/7/22 2:20 | 56.8         | 35.2         | 1.1         | 6.9          | 69                | -34.0                                   |                                          | open           |
| EP0VK-05 | 1/7/22 2:25 | 57.6         | 38.7         | 0.0         | 3.7          | 70                | -11.2                                   |                                          | open           |
| EP0VK-04 | 1/7/22 2:30 | 59.9         | 35.8         | 0.0         | 4.3          | 71                | -13.5                                   |                                          | open           |
| EP0VK-03 | 1/7/22 2:35 | 16.5         | 20.7         | 5.3         | 57.5         | 70                | -30.0                                   |                                          | open           |
| EPVJ-11R | 1/7/22 6:05 | 56.7         | 36.6         | 0.0         | 6.7          | 56                | -1.1                                    |                                          | open           |
| EPVA-01A | 1/7/22 6:10 | 41.1         | 24.4         | 9.5         | 25.0         | 57                | -6.3                                    | -1.7                                     | open           |
| E00VA-02 | 1/7/22 6:15 | 64.6         | 3.8          | 0.0         | 31.6         | 57                | -2.5                                    |                                          | open           |
| EP0VA-03 | 1/7/22 6:20 | 58.5         | 29.1         | 1.8         | 10.6         | 55                | -7.5                                    |                                          | open           |
| EP0VA-01 | 1/7/22 6:25 | 61.4         | 35.3         | 0.0         | 3.3          | 54                | -0.8                                    |                                          | open           |
| EP0VA-04 | 1/7/22 6:30 | 40.0         | 22.4         | 5.7         | 31.9         | 53                | -17.8                                   |                                          | open           |
| E00VA-HZ | 1/7/22 6:35 | 22.3         | 22.7         | 1.8         | 53.2         | 54                | -0.1                                    |                                          | open           |
| P00VA-05 | 1/7/22 6:40 | 57.2         | 23.0         | 4.8         | 15.0         | 55                | -22.1                                   |                                          | open           |
| P00VA-06 | 1/7/22 6:45 | 63.9         | 19.5         | 2.6         | 14.0         | 59                | -37.0                                   |                                          | open           |
| EP0VB-01 | 1/7/22 7:05 | 52.0         | 31.5         | 0.9         | 15.6         | 57                | -21.9                                   |                                          | open           |
| EPVA-01A | 1/7/22 7:10 | 49.9         | 23.5         | 3.3         | 23.3         | 57                | -0.2                                    |                                          | open           |
| 000VB-03 | 1/7/22 7:15 | 57.8         | 34.9         | 0.3         | 7.0          | 55                | -36.1                                   |                                          | open           |
| EP0VA-3A | 1/7/22 7:20 | 31.2         | 20.5         | 9.5         | 38.8         | 56                | -20.9                                   |                                          | open           |
| E00VB-04 | 1/7/22 7:25 | 42.0         | 34.6         | 0.0         | 23.4         | 56                | -15.9                                   |                                          | open           |
| EPVF-05R | 1/7/22 7:30 | 33.0         | 21.0         | 0.0         | 46.0         | 57                | -3.8                                    |                                          | open           |
| E0VB-05A | 1/7/22 7:35 | 55.4         | 36.9         | 0.1         | 7.6          | 55                | -0.7                                    |                                          | open           |
| EPVB-06R | 1/7/22 7:40 | 35.3         | 31.5         | 0.0         | 33.2         | 56                | -2.0                                    |                                          | open           |
| EP0VB-07 | 1/7/22 7:45 | 13.7         | 23.3         | 0.1         | 62.9         | 55                | -8.0                                    |                                          | open           |
| EP0VB-08 | 1/7/22 7:50 | 35.5         | 29.1         | 4.8         | 30.6         | 54                | -0.7                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

January 2022

6 of 8

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| P00VB-09 | 1/7/22 8:00  | 42.4         | 33.2         | 0.0         | 24.4         | 57                | -0.2                                    |                                          | open           |
| EP0VC-01 | 1/7/22 8:05  | 24.7         | 29.3         | 1.5         | 44.5         | 55                | -0.5                                    |                                          | open           |
| EP0VC-02 | 1/7/22 8:10  | 13.9         | 22.6         | 0.9         | 62.6         | 56                | -3.6                                    |                                          | open           |
| EP0VC-03 | 1/7/22 8:15  | 25.6         | 12.0         | 14.6        | 47.8         | 55                | -5.3                                    |                                          | open           |
| 000VC-04 | 1/7/22 8:20  | 30.8         | 31.1         | 0.0         | 38.1         | 57                | -0.7                                    |                                          | open           |
| EP0VC-05 | 1/7/22 8:25  | 14.6         | 21.9         | 2.5         | 61.0         | 55                | -3.9                                    | -1.1                                     | open           |
| EP0VC-06 | 1/7/22 8:30  | 5.9          | 3.4          | 18.9        | 71.8         | 58                | -35.0                                   |                                          | open           |
| EP0VC-07 | 1/7/22 8:35  | 0.1          | 0.1          | 20.7        | 79.1         | 59                | -32.7                                   |                                          | open           |
| EP0VC-08 | 1/7/22 8:40  | 44.9         | 25.0         | 3.9         | 26.2         | 62                | -32.5                                   |                                          | open           |
| 000VC-10 | 1/7/22 8:45  | 46.5         | 34.3         | 0.0         | 19.2         | 62                | -24.4                                   |                                          | open           |
| 000VE-03 | 1/7/22 9:00  | 58.3         | 39.4         | 0.3         | 2.0          | 64                | -3.5                                    |                                          | open           |
| EP0VE-01 | 1/7/22 9:05  | 19.6         | 22.7         | 2.7         | 55.0         | 62                | -1.0                                    |                                          | open           |
| EP0VE-04 | 1/7/22 9:10  | 18.1         | 22.9         | 3.0         | 56.0         | 57                | -4.4                                    |                                          | open           |
| EP0VE-05 | 1/7/22 9:15  | 42.8         | 32.2         | 2.0         | 23.0         | 55                | -1.3                                    |                                          | open           |
| EP0VE-06 | 1/7/22 9:20  | 64.8         | 34.9         | 0.0         | 0.3          | 57                | -0.1                                    |                                          | open           |
| EP0VE-07 | 1/7/22 9:25  | 0.5          | 0.4          | 20.8        | 78.3         | 57                | -0.1                                    |                                          | open           |
| EP0VE-08 | 1/7/22 9:30  | 24.2         | 25.5         | 0.0         | 50.3         | 58                | -0.3                                    |                                          | open           |
| EP0VE-09 | 1/7/22 9:35  | 0.4          | 0.4          | 20.8        | 78.4         | 57                | -36.5                                   |                                          | open           |
| E00VE-10 | 1/7/22 9:40  | 6.2          | 5.5          | 16.7        | 71.6         | 58                | -0.2                                    |                                          | open           |
| 000VE-11 | 1/7/22 9:45  | 54.5         | 36.4         | 0.0         | 9.1          | 59                | -14.5                                   | -19.3                                    | open           |
| E00VF-01 | 1/7/22 10:00 | 0.1          | 9.6          | 8.0         | 82.3         | 58                | -0.1                                    |                                          | open           |
| EP0VF-02 | 1/7/22 10:05 | 10.9         | 14.1         | 8.4         | 66.6         | 59                | -0.2                                    |                                          | open           |
| 000VF-03 | 1/7/22 10:10 | 44.0         | 34.4         | 0.0         | 21.6         | 59                | -7.9                                    | -9.2                                     | open           |
| EP0VF-04 | 1/7/22 10:15 | 9.6          | 5.2          | 19.0        | 66.2         | 58                | -0.1                                    |                                          | open           |
| EPVF-05R | 1/7/22 10:20 | 10.5         | 20.5         | 0.0         | 69.0         | 59                | -1.2                                    |                                          | open           |
| 000VF-06 | 1/7/22 10:25 | 20.6         | 27.7         | 0.4         | 51.3         | 58                | -0.7                                    |                                          | open           |
| EP0VF-07 | 1/7/22 10:30 | 46.3         | 26.4         | 5.2         | 22.1         | 59                | -13.5                                   |                                          | open           |
| 00VF-07A | 1/7/22 10:35 | 41.4         | 33.2         | 0.0         | 25.4         | 59                | -6.0                                    |                                          | open           |
| EPVF-08R | 1/7/22 10:40 | 54.5         | 33.0         | 1.2         | 11.3         | 58                | -9.8                                    |                                          | open           |
| 000VF-09 | 1/7/22 10:50 | 29.7         | 32.1         | 0.0         | 38.2         | 58                | -4.9                                    |                                          | open           |
| 000VF-10 | 1/7/22 10:55 | 59.9         | 37.7         | 0.1         | 2.3          | 58                | -18.4                                   | -20.8                                    | open           |
| 000VF-11 | 1/7/22 11:00 | 43.2         | 35.7         | 0.0         | 21.1         | 59                | -30.8                                   | -32.8                                    | open           |
| 00VG-01A | 1/7/22 11:10 | 54.0         | 35.0         | 0.0         | 11.0         | 60                | -1.2                                    | -6.0                                     | open           |
| 000VG-01 | 1/7/22 11:15 | 39.5         | 30.1         | 3.2         | 27.2         | 60                | -0.7                                    |                                          | open           |
| P0VG-02R | 1/7/22 11:20 | 40.5         | 22.3         | 4.6         | 32.6         | 60                | -33.4                                   |                                          | open           |
| 000VG-03 | 1/7/22 11:25 | 41.9         | 37.5         | 0.0         | 20.6         | 60                | -13.5                                   |                                          | open           |
| P0VG-03A | 1/7/22 11:30 | 53.5         | 39.0         | 0.0         | 7.5          | 61                | -4.6                                    | -6.7                                     | open           |
| 00VG-04A | 1/7/22 11:35 | 50.0         | 35.7         | 0.3         | 14.0         | 61                | -28.8                                   | -29.6                                    | open           |
| P00VG-04 | 1/7/22 11:40 | 40.5         | 37.4         | 1.6         | 20.5         | 61                | -2.7                                    |                                          | open           |
| 000VG-05 | 1/7/22 11:45 | 27.9         | 32.0         | 0.0         | 40.1         | 62                | -3.2                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 000VG-06 | 1/7/22 11:50 | 30.0         | 33.4         | 0.0         | 36.6         | 62                | -0.9                                    |                                          | open           |
| 000VH-04 | 1/7/22 11:55 | 30.1         | 29.2         | 4.9         | 35.8         | 61                | -1.4                                    |                                          | open           |
| 000VH-02 | 1/7/22 12:00 | 10.8         | 22.4         | 0.0         | 66.8         | 62                | -0.3                                    |                                          | open           |
| 000VH-01 | 1/7/22 12:05 | 52.2         | 33.1         | 0.0         | 14.7         | 62                | -0.8                                    | -1.5                                     | open           |
| EPOVH-03 | 1/7/22 12:10 | 14.7         | 18.9         | 5.4         | 61.0         | 62                | -0.2                                    |                                          | open           |
| 000VH-05 | 1/7/22 12:15 | 33.2         | 32.4         | 0.0         | 34.4         | 63                | -1.2                                    |                                          | open           |
| 000VH-06 | 1/7/22 12:25 | 47.5         | 32.2         | 1.5         | 18.8         | 63                | -12.4                                   |                                          | open           |
| P00VH-07 | 1/7/22 12:30 | 54.3         | 36.1         | 1.4         | 8.2          | 63                | -2.6                                    |                                          | open           |
| 000VH-08 | 1/7/22 12:35 | 47.0         | 37.2         | 0.0         | 15.8         | 64                | -0.7                                    |                                          | open           |
| 000VH-09 | 1/7/22 12:40 | 35.7         | 28.9         | 1.5         | 33.9         | 64                | -4.1                                    |                                          | open           |
| 000VH-10 | 1/7/22 12:45 | 35.2         | 30.8         | 0.0         | 34.0         | 64                | -1.1                                    |                                          | open           |
| 000VH-12 | 1/7/22 12:50 | 38.7         | 33.0         | 1.9         | 26.4         | 64                | -1.0                                    |                                          | open           |
| 000VH-11 | 1/7/22 12:55 | 14.8         | 24.6         | 0.4         | 60.2         | 65                | -0.5                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

CITY OF MOUNTAIN VIEW  
MONTHLY LANDFILL GAS WELL HEAD MONITORING

February 2022  
Back Nine

| Well ID  | Date/Time   | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|-------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| P00WE-01 | 2/8/22 1:00 | 58.3         | 30.6         | 0.0         | 11.1         | 63                | -33.6                                   |                                          | open           |
| P00WE-02 | 2/8/22 1:05 | 58.1         | 36.3         | 0.0         | 5.6          | 63                | -1.3                                    |                                          | open           |
| P00WE-03 | 2/8/22 1:15 | 49.4         | 24.7         | 4.9         | 21.0         | 63                | -0.4                                    |                                          | open           |
| P00WE-04 | 2/8/22 1:20 | 58.9         | 36.7         | 0.2         | 4.2          | 63                | -18.4                                   |                                          | open           |
| P00WE-05 | 2/8/22 1:25 | 60.6         | 35.1         | 0.0         | 4.3          | 62                | -0.4                                    |                                          | open           |
| P00WF-01 | 2/8/22 1:30 | 62.6         | 35.8         | 0.0         | 1.6          | 41                | -0.2                                    |                                          | open           |
| E00WN-13 | 2/8/22 1:35 | 6.7          | 6.4          | 17.9        | 69.0         | 78                | -38.7                                   |                                          | open           |
| EPOWN-12 | 2/8/22 1:40 | 58.2         | 41.3         | 0.0         | 0.5          | 78                | -2.3                                    |                                          | open           |
| E00WN-11 | 2/8/22 1:45 | 58.6         | 38.4         | 0.0         | 3.0          | 74                | -4.9                                    |                                          | open           |
| E00WN-10 | 2/8/22 1:50 | 57.8         | 38.2         | 0.0         | 4.0          | 71                | -3.2                                    |                                          | open           |
| EPOWN-09 | 2/8/22 1:55 | 57.4         | 40.4         | 0.0         | 2.2          | 71                | -13.6                                   |                                          | open           |
| EPOWN-08 | 2/8/22 2:05 | 33.4         | 29.1         | 0.9         | 36.6         | 60                | -4.0                                    |                                          | open           |
| E00WN-07 | 2/8/22 2:10 | 53.1         | 41.6         | 0.8         | 4.5          | 45                | -1.8                                    |                                          | open           |
| E00WN-06 | 2/8/22 2:15 | 59.0         | 37.3         | 0.0         | 3.7          | 51                | -1.6                                    |                                          | open           |
| EPOWN-05 | 2/8/22 2:20 | 46.2         | 29.9         | 4.4         | 19.5         | 49                | -20.1                                   |                                          | open           |
| EPWN-04A | 2/8/22 2:25 | 59.4         | 34.2         | 0.0         | 6.4          | 45                | -38.1                                   |                                          | open           |
| EPOWN-04 | 2/8/22 2:30 | 63.2         | 36.8         | 0.0         | 0.0          | 44                | -42.7                                   |                                          | open           |
| EPWN-03R | 2/8/22 2:35 | 0.3          | 0.9          | 20.6        | 78.2         | 42                | -41.0                                   |                                          | open           |
| E00WN-02 | 2/8/22 2:45 | 2.7          | 3.8          | 20.5        | 73.0         | 41                | -37.3                                   |                                          | open           |
| EPOWN-01 | 2/8/22 2:55 | 25.5         | 28.8         | 0.7         | 45.0         | 41                | -19.8                                   |                                          | open           |
| EPOWA-01 | 2/8/22 6:05 | 54.2         | 36.8         | 1.3         | 7.7          | 39                | -6.1                                    |                                          | open           |
| EPOWA-02 | 2/8/22 6:10 | 0.5          | 1.7          | 20.8        | 77.0         | 34                | -41.0                                   |                                          | open           |
| P00WA-04 | 2/8/22 6:15 | 54.6         | 29.6         | 3.4         | 12.4         | 36                | -1.4                                    |                                          | open           |
| EPOWA-06 | 2/8/22 6:25 | 57.4         | 38.3         | 0.7         | 3.6          | 36                | -9.9                                    |                                          | open           |
| EPOWA-05 | 2/8/22 6:30 | 0.4          | 0.5          | 20.7        | 78.4         | 40                | -40.2                                   |                                          | open           |
| P00WA-07 | 2/8/22 6:35 | 38.7         | 30.8         | 0.0         | 30.5         | 41                | -13.0                                   |                                          | open           |
| EPOWA-08 | 2/8/22 6:40 | 0.0          | 3.3          | 19.1        | 77.6         | 40                | -0.1                                    |                                          | open           |
| EPOWA-09 | 2/8/22 6:45 | 0.5          | 2.4          | 20.8        | 76.3         | 39                | -42.8                                   |                                          | open           |
| P00WA-10 | 2/8/22 6:50 | 1.2          | 0.6          | 4.5         | 93.7         | 45                | -17.6                                   |                                          | open           |
| P00WA-11 | 2/8/22 7:00 | 56.9         | 38.7         | 1.2         | 3.2          | 53                | -3.0                                    |                                          | open           |
| P00WA-12 | 2/8/22 7:05 | 54.9         | 36.8         | 0.1         | 8.2          | 52                | -2.2                                    |                                          | open           |
| EPOWA-13 | 2/8/22 7:10 | 59.2         | 37.1         | 0.8         | 2.9          | 45                | -11.6                                   |                                          | open           |
| E00WA-14 | 2/8/22 7:15 | 0.5          | 3.3          | 20.0        | 76.2         | 50                | -0.1                                    |                                          | open           |
| EPOWA-15 | 2/8/22 7:30 | 0.6          | 2.1          | 20.8        | 76.5         | 50                | -42.3                                   |                                          | open           |
| EPOWA-16 | 2/8/22 7:35 | 0.4          | 0.3          | 20.9        | 78.4         | 55                | -26.4                                   |                                          | open           |
| P00WA-17 | 2/8/22 7:40 | 57.3         | 29.7         | 1.9         | 11.1         | 55                | -34.1                                   |                                          | open           |
| EPOWA-18 | 2/8/22 7:45 | 66.4         | 33.4         | 0.0         | 0.2          | 53                | -14.8                                   |                                          | open           |
| EPOWA-19 | 2/8/22 7:50 | 13.7         | 9.2          | 16.8        | 60.3         | 64                | -0.2                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPOWA-20 | 2/8/22 7:55  | 15.1         | 9.3          | 17.0        | 58.6         | 60                | -0.1                                    |                                          | open           |
| EPOWA-21 | 2/8/22 8:00  | 17.6         | 23.4         | 1.5         | 57.5         | 73                | -0.6                                    |                                          | open           |
| EPOWA-22 | 2/8/22 8:05  | 27.7         | 27.1         | 2.4         | 42.8         | 81                | -2.0                                    |                                          | open           |
| EPOWA-23 | 2/8/22 8:10  | 46.1         | 35.7         | 0.0         | 18.2         | 74                | -5.5                                    |                                          | open           |
| EPOWB-17 | 2/8/22 8:15  | 12.5         | 19.7         | 3.2         | 64.6         | 74                | -0.4                                    |                                          | open           |
| EPOWA-24 | 2/8/22 8:25  | 46.2         | 31.7         | 4.3         | 17.8         | 71                | -39.2                                   |                                          | open           |
| EPOWA-25 | 2/8/22 8:30  | 19.2         | 12.6         | 14.0        | 54.2         | 72                | -0.9                                    |                                          | open           |
| EPOWA-26 | 2/8/22 8:40  | 45.5         | 32.0         | 4.2         | 18.3         | 81                | -35.9                                   |                                          | open           |
| EPOWA-27 | 2/8/22 8:45  | 48.9         | 33.6         | 3.5         | 14.0         | 82                | -22.0                                   |                                          | open           |
| EPOWA-28 | 2/8/22 8:50  | 54.9         | 39.2         | 0.0         | 5.9          | 76                | -1.5                                    |                                          | open           |
| E00WA-29 | 2/8/22 8:55  | 35.8         | 34.1         | 0.0         | 30.1         | 82                | -1.6                                    |                                          | open           |
| EPOWB-16 | 2/8/22 9:00  | 0.5          | 3.4          | 17.7        | 78.4         | 51                | -0.8                                    |                                          | open           |
| EPOWB-15 | 2/8/22 9:05  | 42.5         | 32.8         | 0.9         | 23.8         | 51                | -1.3                                    |                                          | open           |
| EPOWB-14 | 2/8/22 9:10  | 0.1          | 0.5          | 20.8        | 78.6         | 51                | -0.1                                    |                                          | open           |
| EPOWB-13 | 2/8/22 9:15  | 16.9         | 25.5         | 0.0         | 57.6         | 51                | -1.3                                    |                                          | open           |
| EPWB-12A | 2/8/22 9:20  | 36.9         | 30.0         | 0.6         | 32.5         | 52                | -0.5                                    |                                          | open           |
| EPOWB-12 | 2/8/22 9:30  | 35.2         | 29.9         | 0.5         | 34.4         | 52                | -3.2                                    |                                          | open           |
| EPOWB-11 | 2/8/22 9:35  | 57.4         | 30.9         | 2.3         | 9.4          | 52                | -16.2                                   |                                          | open           |
| E00WB-10 | 2/8/22 9:40  | 27.9         | 15.4         | 13.0        | 43.7         | 51                | -15.8                                   |                                          | open           |
| EPOWB-09 | 2/8/22 9:45  | 62.9         | 33.5         | 0.0         | 3.6          | 52                | -7.4                                    |                                          | open           |
| EPOWB-08 | 2/8/22 9:55  | 61.9         | 36.3         | 0.0         | 1.8          | 52                | -23.9                                   |                                          | open           |
| EPOWB-07 | 2/8/22 10:00 | 49.9         | 30.6         | 2.3         | 17.2         | 51                | -5.1                                    |                                          | open           |
| EPWB-07A | 2/8/22 10:05 | 34.3         | 22.5         | 9.8         | 33.4         | 51                | -3.3                                    |                                          | open           |
| EPOWB-06 | 2/8/22 10:10 | 25.5         | 23.0         | 5.6         | 45.9         | 51                | -0.8                                    |                                          | open           |
| EPWB-06A | 2/8/22 10:15 | 41.5         | 31.8         | 0.4         | 26.3         | 53                | -2.0                                    |                                          | open           |
| EPOWB-05 | 2/8/22 10:20 | 45.1         | 30.3         | 2.5         | 22.1         | 53                | -13.8                                   |                                          | open           |
| EPWB-05A | 2/8/22 10:25 | 45.5         | 26.2         | 0.0         | 28.3         | 53                | -0.1                                    |                                          | open           |
| EPOWB-04 | 2/8/22 10:35 | 0.1          | 0.1          | 20.7        | 79.1         | 53                | -30.3                                   |                                          | open           |
| E00WB-03 | 2/8/22 10:40 | 0.0          | 0.0          | 20.7        | 79.3         | 53                | -1.0                                    |                                          | open           |
| E00WB-02 | 2/8/22 10:45 | 0.9          | 0.7          | 20.5        | 77.9         | 55                | -7.4                                    |                                          | open           |
| EPOWB-01 | 2/8/22 10:55 | 61.6         | 38.4         | 0.0         | 0.0          | 55                | -0.1                                    |                                          | open           |
| P00WC-01 | 2/8/22 11:00 | 57.4         | 31.5         | 1.2         | 9.9          | 65                | -36.5                                   |                                          | open           |
| P00WC-02 | 2/8/22 12:05 | 56.0         | 32.1         | 0.6         | 11.3         | 66                | -28.5                                   |                                          | open           |
| P00WC-03 | 2/8/22 12:10 | 57.8         | 34.6         | 1.2         | 6.4          | 66                | -30.4                                   |                                          | open           |
| P00WC-04 | 2/8/22 12:15 | 51.2         | 30.6         | 0.8         | 17.4         | 66                | -25.5                                   |                                          | open           |
| P00WF-02 | 2/8/22 12:25 | 62.6         | 37.4         | 0.0         | 0.0          | 43                | -3.7                                    |                                          | open           |
| P00WD-04 | 2/8/22 12:30 | 60.8         | 34.2         | 0.2         | 4.8          | 36                | -9.1                                    |                                          | open           |
| EPOWD-03 | 2/8/22 12:35 | 5.6          | 2.7          | 20.8        | 70.9         | 37                | -0.1                                    |                                          | open           |
| P00WD-02 | 2/8/22 12:45 | 59.8         | 30.0         | 2.2         | 8.0          | 40                | -12.4                                   |                                          | open           |
| P00WD-01 | 2/8/22 12:50 | 70.1         | 26.4         | 0.0         | 3.5          | 36                | -8.1                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

February 2022

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| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| POWE-01A | 2/8/22 12:55 | 37.2         | 15.0         | 4.5         | 43.3         | 60                | -27.9                                   |                                          | open           |

Cell 6ANE

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| E0NEA-01 | 2/2/22 6:25  | 1.2          | 0.0          | 20.8        | 78.0         | 56                | -0.3                                    |                                          | open           |
| E0NEA-02 | 2/2/22 6:30  | 8.8          | 7.8          | 15.7        | 67.7         | 44                | -38.1                                   |                                          | open           |
| E0NEA-03 | 2/2/22 6:35  | 66.7         | 33.2         | 0.0         | 0.1          | 42                | -6.6                                    |                                          | open           |
| E0NEA-04 | 2/2/22 6:40  | 48.0         | 31.3         | 4.6         | 16.1         | 50                | -3.1                                    |                                          | open           |
| E0NEA-05 | 2/2/22 6:45  | 44.2         | 34.7         | 0.3         | 20.8         | 52                | -1.8                                    |                                          | open           |
| E0NEA-06 | 2/2/22 6:50  | 20.9         | 22.7         | 0.4         | 56.0         | 51                | -0.3                                    |                                          | open           |
| E0NEA-07 | 2/2/22 6:55  | 59.4         | 40.6         | 0.0         | 0.0          | 50                | -0.4                                    |                                          | open           |
| E0NEA-08 | 2/2/22 7:00  | 48.7         | 37.8         | 0.4         | 13.1         | 51                | -3.9                                    |                                          | open           |
| 00NEA-10 | 2/2/22 7:01  | 57.5         | 39.0         | 0.0         | 3.5          | 52                | -5.6                                    |                                          | open           |
| 00NEA-12 | 2/2/22 7:02  | 54.5         | 37.8         | 0.4         | 7.3          | 52                | -3.1                                    |                                          | open           |
| E0NEA-11 | 2/2/22 7:15  | 51.4         | 38.0         | 0.0         | 10.6         | 54                | -3.5                                    |                                          | open           |
| E0NEA-13 | 2/2/22 7:30  | 58.2         | 38.7         | 0.4         | 2.7          | 53                | -4.2                                    |                                          | open           |
| 00NEA-14 | 2/2/22 7:35  | 58.5         | 41.0         | 0.1         | 0.4          | 53                | -38.4                                   |                                          | open           |
| E0NEA-15 | 2/2/22 7:40  | 58.7         | 40.6         | 0.0         | 0.7          | 54                | -37.3                                   |                                          | open           |
| ENE-16A  | 2/2/22 7:45  | 58.6         | 40.7         | 0.0         | 0.7          | 53                | -37.2                                   |                                          | open           |
| E0NEA-09 | 2/2/22 7:50  | 58.9         | 41.1         | 0.0         | 0.0          | 51                | -1.3                                    |                                          | open           |
| E0NEB-02 | 2/2/22 8:10  | 0.0          | 0.4          | 20.8        | 78.8         | 58                | -30.5                                   |                                          | open           |
| E0NEB-03 | 2/2/22 8:15  | 27.2         | 21.3         | 7.2         | 44.3         | 57                | -0.9                                    |                                          | open           |
| E0NEB-04 | 2/2/22 8:25  | 12.0         | 7.4          | 17.6        | 63.0         | 55                | -1.6                                    | -0.2                                     | open           |
| E0NEB-05 | 2/2/22 8:37  | 37.5         | 31.8         | 0.0         | 30.7         | 55                | -0.2                                    |                                          | open           |
| E0NEB-06 | 2/2/22 8:45  | 51.5         | 39.2         | 0.0         | 9.3          | 53                | -1.7                                    |                                          | open           |
| E0NEB-01 | 2/2/22 8:50  | 58.6         | 34.7         | 1.3         | 5.4          | 52                | -21.4                                   |                                          | open           |
| E0NEB-07 | 2/2/22 8:50  | 40.3         | 37.2         | 0.0         | 22.5         | 56                | -0.6                                    |                                          | open           |
| E0NEB-08 | 2/2/22 9:00  | 41.5         | 35.0         | 0.0         | 23.5         | 58                | -0.8                                    |                                          | open           |
| 00NEB-09 | 2/2/22 9:05  | 28.1         | 33.9         | 0.0         | 38.0         | 56                | -0.9                                    |                                          | open           |
| E0NEB-10 | 2/2/22 9:10  | 32.9         | 34.2         | 0.0         | 32.9         | 57                | -7.6                                    |                                          | open           |
| E0NEB-11 | 2/2/22 9:15  | 45.6         | 37.8         | 0.0         | 16.6         | 61                | -10.2                                   |                                          | open           |
| E0NEB-12 | 2/2/22 9:20  | 39.1         | 32.7         | 2.3         | 25.9         | 59                | -2.3                                    |                                          | open           |
| E0NEB-13 | 2/2/22 9:25  | 0.0          | 0.2          | 20.8        | 79.0         | 57                | -0.1                                    |                                          | open           |
| EPNEB-14 | 2/2/22 9:30  | 12.4         | 15.0         | 14.3        | 58.3         | 62                | -2.6                                    | -0.4                                     | open           |
| E0NEC-01 | 2/2/22 9:50  | 31.1         | 35.0         | 0.6         | 33.3         | 67                | -20.0                                   |                                          | open           |
| E0NEC-02 | 2/2/22 9:55  | 32.7         | 33.9         | 0.4         | 33.0         | 68                | -2.9                                    |                                          | open           |
| E0NEC-03 | 2/2/22 10:00 | 40.8         | 34.9         | 0.8         | 23.5         | 62                | -0.1                                    |                                          | open           |
| 00NED-02 | 2/2/22 10:01 | 47.9         | 38.9         | 0.0         | 13.2         | 60                | -1.6                                    |                                          | open           |
| 00NEE-01 | 2/2/22 10:02 | 58.9         | 41.0         | 0.0         | 0.1          | 65                | -6.9                                    |                                          | open           |
| 00NED-03 | 2/2/22 10:15 | 35.8         | 28.8         | 0.0         | 35.4         | 60                | -1.9                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

February 2022

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| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| E0NEE-02 | 2/2/22 10:25 | 48.5         | 35.9         | 0.0         | 15.6         | 66                | -12.3                                   |                                          | open           |
| E0NEE-03 | 2/2/22 10:35 | 8.7          | 12.3         | 9.5         | 69.5         | 69                | -6.1                                    |                                          | open           |
| E0NEE-04 | 2/2/22 10:40 | 48.3         | 30.9         | 0.0         | 20.8         | 65                | -31.9                                   |                                          | open           |
| E0NEE-05 | 2/2/22 10:45 | 28.9         | 29.3         | 0.0         | 41.8         | 64                | -0.6                                    |                                          | open           |
| E0NEE-06 | 2/2/22 10:50 | 48.0         | 37.3         | 0.0         | 14.7         | 61                | -5.3                                    |                                          | open           |
| EPNED-01 | 2/2/22 10:50 | 0.3          | 4.0          | 17.3        | 78.4         | 62                | -21.3                                   |                                          | open           |

Crittenden

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPCRA02R | 2/3/22 7:08  | 23.8         | 19.1         | 6.1         | 51.0         | 35                | -0.6                                    |                                          | open           |
| EPCRA-03 | 2/3/22 7:15  | 53.7         | 39.0         | 0.0         | 7.3          | 39                | -0.8                                    |                                          | open           |
| EPCRA-04 | 2/3/22 7:20  | 31.8         | 25.4         | 6.9         | 35.9         | 40                | -0.7                                    |                                          | open           |
| ECRA-05R | 2/3/22 7:30  | 9.9          | 20.5         | 2.3         | 67.3         | 40                | -0.9                                    |                                          | open           |
| EPCRA-06 | 2/3/22 7:35  | 7.0          | 18.2         | 3.4         | 71.4         | 43                | -0.2                                    |                                          | open           |
| EPCRA-01 | 2/3/22 7:40  | 59.4         | 40.0         | 0.0         | 0.6          | 38                | -0.5                                    |                                          | open           |
| EPCRA-07 | 2/3/22 7:40  | 12.0         | 22.6         | 0.0         | 65.4         | 43                | -0.5                                    |                                          | open           |
| EPCRA-08 | 2/3/22 7:50  | 43.0         | 31.3         | 0.0         | 25.7         | 44                | -0.4                                    |                                          | open           |
| EPCRA-09 | 2/3/22 8:00  | 28.0         | 21.1         | 7.9         | 43.0         | 42                | -0.4                                    |                                          | open           |
| EPCRA-10 | 2/3/22 8:50  | 8.6          | 9.7          | 14.8        | 66.9         | 52                | -0.3                                    |                                          | open           |
| E0CRA-13 | 2/3/22 9:20  | 59.2         | 37.4         | 0.0         | 3.4          | 69                | -0.5                                    |                                          | open           |
| 00CRA-12 | 2/3/22 9:25  | 54.5         | 31.3         | 0.0         | 14.2         | 73                | -1.0                                    |                                          | open           |
| 00CRA-11 | 2/3/22 9:30  | 59.6         | 36.1         | 0.0         | 4.3          | 66                | -0.9                                    |                                          | open           |
| EPCRB-01 | 2/3/22 9:45  | 21.4         | 20.5         | 4.4         | 53.7         | 66                | -0.8                                    |                                          | open           |
| 00CRC-04 | 2/3/22 9:50  | 49.5         | 29.1         | 0.0         | 21.4         | 63                | -0.2                                    |                                          | open           |
| EPCRB-02 | 2/3/22 9:55  | 28.5         | 28.0         | 0.0         | 43.5         | 73                | -0.2                                    |                                          | open           |
| EPCRB-03 | 2/3/22 10:00 | 29.6         | 28.0         | 0.0         | 42.4         | 72                | -0.2                                    |                                          | open           |
| EPCRB-04 | 2/3/22 10:10 | 47.2         | 29.0         | 0.1         | 23.7         | 65                | -0.4                                    |                                          | open           |
| EPCRB-05 | 2/3/22 10:15 | 0.1          | 1.1          | 17.3        | 81.5         | 64                | -0.1                                    |                                          | open           |
| EPCRB-06 | 2/3/22 10:20 | 15.4         | 14.4         | 5.9         | 64.3         | 70                | -0.1                                    |                                          | open           |
| 00CRC-02 | 2/3/22 10:25 | 41.7         | 26.8         | 0.0         | 31.5         | 68                | -0.2                                    |                                          | open           |
| EPCRB07R | 2/3/22 10:30 | 53.2         | 32.1         | 0.0         | 14.7         | 64                | -0.6                                    |                                          | open           |
| 00CRC-01 | 2/3/22 10:35 | 36.8         | 20.6         | 4.9         | 37.7         | 65                | -0.7                                    |                                          | open           |
| E0CRB-08 | 2/3/22 10:40 | 0.0          | 0.1          | 20.8        | 79.1         | 66                | -0.8                                    |                                          | open           |
| E0CRD-01 | 2/3/22 10:45 | 51.9         | 32.3         | 0.0         | 15.8         | 41                | -1.4                                    |                                          | open           |
| 00CRC-03 | 2/3/22 10:50 | 55.4         | 31.7         | 0.0         | 12.9         | 75                | -0.4                                    |                                          | open           |
| 00CRD-02 | 2/3/22 10:50 | 59.0         | 30.2         | 0.0         | 10.8         | 41                | -0.7                                    |                                          | open           |
| E0CRD-03 | 2/3/22 10:55 | 61.1         | 37.4         | 0.0         | 1.5          | 43                | -1.2                                    |                                          | open           |
| 00CRD-04 | 2/3/22 11:00 | 63.8         | 33.1         | 0.0         | 3.1          | 43                | -0.8                                    |                                          | open           |
| 00CRD-06 | 2/3/22 11:10 | 57.4         | 28.6         | 2.3         | 11.7         | 41                | -1.3                                    |                                          | open           |
| 00CRD-07 | 2/3/22 11:20 | 32.1         | 20.0         | 4.6         | 43.3         | 43                | -0.5                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| E0CRD-08 | 2/3/22 11:25 | 56.0         | 34.0         | 1.3         | 8.7          | 43                | -1.1                                    |                                          | open           |
| E0CRD-09 | 2/3/22 11:30 | 34.2         | 26.7         | 0.8         | 38.3         | 43                | -0.4                                    |                                          | open           |
| E0CRD-10 | 2/3/22 11:35 | 44.2         | 24.6         | 2.1         | 29.1         | 43                | -0.8                                    |                                          | open           |
| E0CRD-11 | 2/3/22 11:40 | 0.0          | 0.1          | 20.9        | 79.0         | 44                | -0.8                                    |                                          | open           |
| E0CRD-05 | 2/3/22 11:50 | 27.3         | 14.8         | 10.0        | 47.9         | 42                | -0.3                                    |                                          | open           |

Front Nine

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 0000A-05 | 2/1/22 7:08  | 55.4         | 34.5         | 1.2         | 8.9          | 41                | -2.1                                    |                                          | open           |
| EP00B-28 | 2/1/22 7:27  | 0.2          | 2.1          | 20.8        | 76.9         | 35                | -1.1                                    |                                          | open           |
| EP00Y-01 | 2/1/22 7:33  | 0.3          | 1.3          | 20.7        | 77.7         | 38                | -2.6                                    |                                          | open           |
| EP0LE-01 | 2/1/22 7:46  | 0.2          | 10.8         | 10.6        | 78.4         | 41                | -31.9                                   |                                          | open           |
| E000Y-06 | 2/1/22 7:53  | 46.4         | 20.2         | 7.3         | 26.1         | 41                | -0.3                                    |                                          | open           |
| EP00Y-05 | 2/1/22 8:00  | 0.5          | 3.1          | 17.3        | 79.1         | 39                | -0.1                                    |                                          | open           |
| EP00Y-04 | 2/1/22 8:16  | 1.6          | 1.4          | 20.8        | 76.2         | 54                | -0.1                                    |                                          | open           |
| EP00Y-03 | 2/1/22 8:22  | 4.2          | 1.8          | 20.8        | 73.2         | 50                | -27.5                                   |                                          | open           |
| EP00Y-02 | 2/1/22 8:28  | 3.7          | 12.1         | 9.6         | 74.6         | 51                | -0.1                                    |                                          | open           |
| EP0LE-02 | 2/1/22 8:35  | 5.3          | 3.3          | 20.2        | 71.2         | 47                | -0.1                                    |                                          | open           |
| EP0LE-03 | 2/1/22 8:42  | 10.6         | 4.5          | 19.3        | 65.6         | 54                | -0.2                                    |                                          | open           |
| EP0LE-04 | 2/1/22 8:50  | 37.5         | 18.0         | 9.6         | 34.9         | 55                | -5.3                                    |                                          | open           |
| EP00B-02 | 2/1/22 8:57  | 7.0          | 3.6          | 20.1        | 69.3         | 59                | -1.1                                    |                                          | open           |
| E000B-03 | 2/1/22 9:15  | 17.8         | 11.2         | 11.1        | 59.9         | 54                | -0.1                                    |                                          | open           |
| 000B-04R | 2/1/22 9:22  | 35.2         | 25.6         | 4.8         | 34.4         | 63                | -0.1                                    |                                          | open           |
| E0FHZ-01 | 2/1/22 9:36  | 58.2         | 36.2         | 0.0         | 5.6          | 52                | -0.1                                    |                                          | open           |
| E0FHZ-02 | 2/1/22 9:42  | 58.0         | 38.4         | 0.0         | 3.6          | 58                | -0.3                                    |                                          | open           |
| E0FHZ-03 | 2/1/22 9:49  | 53.7         | 37.1         | 0.2         | 9.0          | 57                | -0.1                                    |                                          | open           |
| 0000B-12 | 2/1/22 9:57  | 49.7         | 33.3         | 3.0         | 14.0         | 57                | -19.4                                   |                                          | open           |
| E0FHZ-04 | 2/1/22 10:18 | 47.9         | 31.4         | 0.0         | 20.7         | 60                | -0.1                                    |                                          | open           |
| E000A-16 | 2/1/22 10:25 | 0.2          | 0.9          | 20.9        | 78.0         | 63                | -1.0                                    |                                          | open           |
| E0FHZ-05 | 2/1/22 10:32 | 60.1         | 35.5         | 0.0         | 4.4          | 65                | -0.1                                    |                                          | open           |

Michaels

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| E000MPHZ | 2/4/22 10:40 | 10.0         | 15.8         | 2.5         | 71.7         | 58                | -0.1                                    |                                          | open           |
| EP00B-20 | 2/4/22 10:45 | 0.0          | 0.7          | 20.8        | 78.5         | 56                | -40.6                                   |                                          | open           |
| EP00B-24 | 2/4/22 10:50 | 15.3         | 8.7          | 17.0        | 59.0         | 56                | -26.6                                   |                                          | open           |
| 000SC-1A | 2/4/22 11:00 | 0.5          | 10.6         | 10.0        | 78.9         |                   | -0.1                                    |                                          | open           |
| 00P1HIGH | 2/4/22 11:05 | 0.0          | 18.6         | 6.4         | 75.0         |                   |                                         |                                          | open           |
| 00P1LOW  | 2/4/22 11:10 | 0.0          | 1.5          | 20.5        | 78.0         |                   |                                         |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID | Date/Time | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|---------|-----------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
|---------|-----------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|

Vista

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 000VF-03 | 2/22/22 1:03 | 40.7         | 32.0         | 0.0         | 27.3         | 67                | -9.5                                    |                                          | open           |
| 00VF-07A | 2/22/22 1:03 | 36.9         | 14.5         | 4.4         | 44.2         | 67                | -5.0                                    |                                          | open           |
| 000VF-10 | 2/22/22 1:05 | 56.5         | 34.7         | 2.1         | 6.7          | 67                | -31.3                                   |                                          | open           |
| EPOVF-04 | 2/22/22 1:07 | 10.7         | 5.4          | 18.0        | 65.9         | 66                | -0.1                                    |                                          | open           |
| EPVF-05R | 2/22/22 1:12 | 10.5         | 19.3         | 0.0         | 70.2         | 67                | -1.1                                    |                                          | open           |
| 000VF-06 | 2/22/22 1:19 | 17.7         | 24.9         | 0.5         | 56.9         | 71                | -0.8                                    |                                          | open           |
| EPOVF-07 | 2/22/22 1:25 | 51.3         | 27.7         | 3.2         | 17.8         | 67                | -13.7                                   |                                          | open           |
| EPVF-08R | 2/22/22 1:35 | 49.3         | 30.0         | 2.2         | 18.5         | 68                | -8.5                                    |                                          | open           |
| 000VF-09 | 2/22/22 1:45 | 28.1         | 30.1         | 0.0         | 41.8         | 69                | -5.1                                    |                                          | open           |
| 000VF-11 | 2/22/22 1:55 | 42.0         | 33.4         | 0.0         | 24.6         | 67                | -33.3                                   | -31.6                                    | open           |
| 000VG-01 | 2/22/22 2:01 | 25.3         | 22.8         | 4.5         | 47.4         | 71                | -1.3                                    |                                          | open           |
| POVG-02R | 2/22/22 2:02 | 26.2         | 19.6         | 4.8         | 49.4         | 70                | -34.7                                   |                                          | open           |
| 00VG-04A | 2/22/22 2:03 | 43.8         | 33.0         | 0.4         | 22.8         | 70                | -29.5                                   |                                          | open           |
| 000VG-06 | 2/22/22 2:04 | 26.8         | 31.0         | 0.0         | 42.2         | 80                | -1.0                                    | -0.4                                     | open           |
| 00VG-01A | 2/22/22 2:05 | 34.3         | 29.6         | 0.0         | 36.1         | 69                | -7.1                                    | -3.3                                     | open           |
| 000VG-03 | 2/22/22 2:23 | 37.4         | 32.1         | 0.8         | 29.7         | 70                | -12.6                                   | -3.5                                     | open           |
| POVG-03A | 2/22/22 2:26 | 36.4         | 33.8         | 0.0         | 29.8         | 72                | -14.5                                   | -6.0                                     | open           |
| P00VG-04 | 2/22/22 2:33 | 38.3         | 33.4         | 2.1         | 26.2         | 77                | -3.3                                    | -2.3                                     | open           |
| 000VG-05 | 2/22/22 2:36 | 25.4         | 29.7         | 0.0         | 44.9         | 75                | -3.2                                    | -1.8                                     | open           |
| 000VH-04 | 2/22/22 2:43 | 20.4         | 20.3         | 3.6         | 55.7         | 76                | -1.5                                    |                                          | open           |
| 000VH-02 | 2/22/22 2:47 | 8.1          | 21.3         | 0.1         | 70.5         | 83                | -0.2                                    | -0.1                                     | open           |
| 000VH-01 | 2/22/22 2:51 | 38.9         | 29.6         | 0.1         | 31.4         | 75                | -2.0                                    | -0.9                                     | open           |
| 000VH-05 | 2/22/22 2:54 | 30.5         | 30.4         | 0.0         | 39.1         | 77                | -1.4                                    | -0.7                                     | open           |
| EPOVH-03 | 2/22/22 2:55 | 10.8         | 15.7         | 6.2         | 67.3         | 77                | -0.2                                    |                                          | open           |
| P00VH-07 | 2/22/22 3:01 | 47.0         | 34.0         | 1.6         | 17.4         | 76                | -6.8                                    | -3.0                                     | open           |
| 000VH-10 | 2/22/22 3:02 | 31.0         | 30.3         | 0.0         | 38.7         | 78                | -1.2                                    | -0.8                                     | open           |
| E0VJ-04A | 2/22/22 3:05 | 42.0         | 31.8         | 0.0         | 26.2         | 63                | -3.4                                    |                                          | open           |
| 000VH-06 | 2/22/22 3:06 | 47.9         | 31.6         | 1.2         | 19.3         | 74                | -13.2                                   |                                          | open           |
| 000VH-08 | 2/22/22 3:13 | 42.6         | 34.6         | 0.0         | 22.8         | 74                | -0.8                                    | -0.3                                     | open           |
| 000VH-09 | 2/22/22 3:17 | 36.8         | 19.7         | 4.1         | 39.4         | 83                | -4.9                                    | -3.3                                     | open           |
| 000VH-12 | 2/22/22 3:24 | 34.8         | 29.8         | 1.9         | 33.5         | 79                | -1.5                                    | -0.4                                     | open           |
| 000VH-11 | 2/22/22 3:28 | 9.6          | 19.8         | 2.1         | 68.5         | 85                | -0.7                                    |                                          | open           |
| 000VH-13 | 2/22/22 3:31 | 16.2         | 24.4         | 0.0         | 59.4         | 84                | -0.5                                    | -0.2                                     | open           |
| P00VJ-01 | 2/22/22 3:38 | 24.8         | 26.1         | 0.0         | 49.1         | 63                | -15.2                                   |                                          | open           |
| EPVJ-02R | 2/22/22 3:41 | 29.4         | 18.1         | 10.8        | 41.7         | 65                | -15.4                                   |                                          | open           |
| E0VJ-03R | 2/22/22 3:46 | 44.6         | 22.5         | 7.1         | 25.8         | 66                | -13.3                                   |                                          | open           |
| EPVJ-04R | 2/22/22 3:55 | 46.1         | 32.5         | 0.0         | 21.4         | 65                | -4.7                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

February 2022

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| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| E0VJ-09R | 2/22/22 4:02  | 31.7         | 25.1         | 2.4         | 40.8         | 78                | -32.0                                   |                                          | open           |
| EPVJ-11R | 2/22/22 4:03  | 10.4         | 7.4          | 16.1        | 66.1         | 74                | -4.7                                    |                                          | open           |
| E0VJ-05R | 2/22/22 4:04  | 57.3         | 38.6         | 0.0         | 4.1          | 66                | -30.6                                   |                                          | open           |
| P00VK-02 | 2/22/22 4:04  | 58.0         | 34.8         | 0.4         | 6.8          | 66                | -37.3                                   |                                          | open           |
| EP0VK-04 | 2/22/22 4:05  | 2.8          | 1.5          | 20.8        | 74.9         | 65                | -39.0                                   |                                          | open           |
| EP0VJ-06 | 2/22/22 4:08  | 58.5         | 35.6         | 0.2         | 5.7          | 70                | -32.0                                   |                                          | open           |
| E0VJ-07R | 2/22/22 4:12  | 55.8         | 38.0         | 0.0         | 6.2          | 71                | -12.5                                   |                                          | open           |
| E00VJ-08 | 2/22/22 4:16  | 6.9          | 6.4          | 16.5        | 70.2         | 79                | -3.7                                    |                                          | open           |
| EP0VJ-10 | 2/22/22 4:24  | 18.8         | 20.6         | 2.6         | 58.0         | 80                | -15.9                                   |                                          | open           |
| 000VK-01 | 2/22/22 4:35  | 49.5         | 33.3         | 0.0         | 17.2         | 64                | -37.4                                   |                                          | open           |
| EP0VK-05 | 2/22/22 4:45  | 57.8         | 36.1         | 0.0         | 6.1          | 65                | -7.9                                    |                                          | open           |
| EP0VK-03 | 2/22/22 4:55  | 42.2         | 28.3         | 0.8         | 28.7         | 67                | -36.0                                   |                                          | open           |
| EPVJ-11R | 2/22/22 7:44  | 57.2         | 36.0         | 0.0         | 6.8          | 65                | -0.6                                    | -2.8                                     | open           |
| EPVA-01A | 2/22/22 7:48  | 63.0         | 36.2         | 0.0         | 0.8          | 64                | -8.3                                    | -11.0                                    | open           |
| E00VA-02 | 2/22/22 7:54  | 65.5         | 31.9         | 0.0         | 2.6          | 67                | -2.6                                    | -15.0                                    | open           |
| EP0VA-03 | 2/22/22 8:09  | 63.7         | 31.0         | 0.5         | 4.8          | 65                | -9.6                                    | -9.9                                     | open           |
| EP0VA-01 | 2/22/22 8:16  | 63.0         | 34.4         | 0.0         | 2.6          | 67                | -0.8                                    | -3.4                                     | open           |
| EP0VA-04 | 2/22/22 8:22  | 60.0         | 30.3         | 1.9         | 7.8          | 70                | -3.0                                    |                                          | open           |
| E00VA-HZ | 2/22/22 8:27  | 9.7          | 16.4         | 4.9         | 69.0         | 71                | -0.1                                    |                                          | open           |
| P00VA-05 | 2/22/22 8:32  | 35.4         | 20.8         | 4.5         | 39.3         | 72                | -24.1                                   |                                          | open           |
| P00VA-06 | 2/22/22 8:38  | 69.6         | 20.2         | 2.1         | 8.1          | 70                | -36.6                                   |                                          | open           |
| EP0VB-01 | 2/22/22 8:53  | 51.6         | 31.1         | 1.1         | 16.2         | 71                | -21.7                                   |                                          | open           |
| EPVA-01A | 2/22/22 8:58  | 36.3         | 17.8         | 8.3         | 37.6         | 72                | -2.2                                    |                                          | open           |
| E00VB-04 | 2/22/22 9:01  | 41.5         | 32.0         | 0.0         | 26.5         | 80                | -15.9                                   |                                          | open           |
| 000VB-03 | 2/22/22 9:03  | 57.6         | 34.4         | 0.5         | 7.5          | 70                | -35.8                                   |                                          | open           |
| P00VB-09 | 2/22/22 9:04  | 37.0         | 30.7         | 0.0         | 32.3         | 74                | -0.1                                    |                                          | open           |
| EP0VC-02 | 2/22/22 9:05  | 11.5         | 20.3         | 1.5         | 66.7         | 91                | -4.4                                    |                                          | open           |
| EP0VA-3A | 2/22/22 9:07  | 26.3         | 16.5         | 11.6        | 45.6         | 76                | -20.9                                   |                                          | open           |
| EPVF-05R | 2/22/22 9:14  | 33.6         | 26.6         | 0.0         | 39.8         | 84                | -4.2                                    |                                          | open           |
| E0VB-05A | 2/22/22 9:19  | 56.0         | 36.1         | 0.0         | 7.9          | 81                | -1.0                                    |                                          | open           |
| EPVB-06R | 2/22/22 9:23  | 34.2         | 30.0         | 0.0         | 35.8         | 78                | -2.0                                    |                                          | open           |
| EP0VB-07 | 2/22/22 9:28  | 25.2         | 26.3         | 0.0         | 48.5         | 90                | -8.4                                    |                                          | open           |
| EP0VB-08 | 2/22/22 9:32  | 0.1          | 0.3          | 20.8        | 78.8         | 86                | -28.2                                   |                                          | open           |
| EP0VC-01 | 2/22/22 9:45  | 21.4         | 24.8         | 1.8         | 52.0         | 88                | -0.4                                    |                                          | open           |
| EP0VC-03 | 2/22/22 9:54  | 28.7         | 15.0         | 10.2        | 46.1         | 91                | -25.2                                   |                                          | open           |
| 000VC-04 | 2/22/22 9:58  | 30.3         | 29.9         | 0.0         | 39.8         | 90                | -0.7                                    |                                          | open           |
| EP0VC-05 | 2/22/22 10:02 | 18.5         | 16.0         | 6.6         | 58.9         | 90                | -0.6                                    |                                          | open           |
| EP0VE-01 | 2/22/22 10:04 | 29.8         | 23.3         | 3.3         | 43.6         | 81                | -0.9                                    |                                          | open           |
| EP0VC-06 | 2/22/22 10:08 | 38.7         | 15.2         | 8.0         | 38.1         | 88                | -23.2                                   |                                          | open           |
| EP0VC-07 | 2/22/22 10:13 | 58.1         | 35.4         | 0.0         | 6.5          | 87                | -1.4                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EP0VC-08 | 2/22/22 10:17 | 33.2         | 17.3         | 10.3        | 39.2         | 80                | -28.6                                   |                                          | open           |
| 000VC-10 | 2/22/22 10:22 | 45.4         | 32.7         | 0.3         | 21.6         | 85                | -24.4                                   |                                          | open           |
| 000VE-03 | 2/22/22 10:35 | 55.0         | 36.9         | 0.0         | 8.1          | 83                | -12.0                                   |                                          | open           |
| EP0VE-04 | 2/22/22 10:44 | 30.2         | 28.0         | 0.0         | 41.8         | 83                | -2.1                                    |                                          | open           |
| EP0VE-05 | 2/22/22 10:48 | 43.0         | 32.1         | 0.0         | 24.9         | 90                | -1.4                                    |                                          | open           |
| EP0VE-06 | 2/22/22 12:01 | 53.6         | 42.8         | 1.9         | 1.7          | 83                | -0.1                                    |                                          | open           |
| EP0VE-09 | 2/22/22 12:03 | 50.5         | 30.8         | 0.1         | 18.6         | 81                | -0.3                                    |                                          | open           |
| 000VE-11 | 2/22/22 12:04 | 51.0         | 34.1         | 0.0         | 14.9         | 78                | -20.3                                   |                                          | open           |
| EP0VE-07 | 2/22/22 12:18 | 0.3          | 0.3          | 20.8        | 78.6         | 86                | -0.1                                    |                                          | open           |
| EP0VE-08 | 2/22/22 12:24 | 20.9         | 23.5         | 0.0         | 55.6         | 83                | -0.2                                    |                                          | open           |
| E00VE-10 | 2/22/22 12:35 | 1.9          | 2.0          | 18.9        | 77.2         | 75                | -0.2                                    |                                          | open           |
| E00VF-01 | 2/22/22 12:53 | 6.7          | 12.8         | 4.0         | 76.5         | 65                | -0.1                                    |                                          | open           |
| EP0VF-02 | 2/22/22 12:59 | 19.4         | 13.8         | 7.2         | 59.6         | 64                | -0.1                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

CITY OF MOUNTAIN VIEW  
MONTHLY LANDFILL GAS WELL HEAD MONITORING

March 2022  
Back Nine

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPOWA-25 | 3/31/22 1:11 | 1.0          | 1.1          | 20.2        | 77.7         | 60                | -4.9                                    |                                          | open           |
| EPOWA-26 | 3/31/22 1:19 | 1.0          | 1.5          | 20.1        | 77.4         | 60                | -31.5                                   |                                          | open           |
| EPOWA-27 | 3/31/22 1:23 | 55.6         | 37.0         | 0.7         | 6.7          | 60                | -24.0                                   |                                          | open           |
| EPOWA-28 | 3/31/22 1:29 | 52.0         | 36.5         | 0.0         | 11.5         | 59                | -3.2                                    |                                          | open           |
| E00WA-29 | 3/31/22 1:33 | 53.8         | 38.4         | 0.0         | 7.8          | 60                | -2.2                                    |                                          | open           |
| EPOWB-16 | 3/31/22 1:35 | 1.1          | 1.2          | 18.2        | 79.5         | 61                | -3.0                                    |                                          | open           |
| EPOWB-15 | 3/31/22 1:40 | 30.7         | 31.0         | 0.0         | 38.3         | 63                | -6.4                                    |                                          | open           |
| EPOWB-14 | 3/31/22 1:45 | 0.9          | 0.9          | 20.2        | 78.0         | 63                | -0.2                                    |                                          | open           |
| EPOWB-13 | 3/31/22 1:50 | 6.7          | 11.0         | 11.5        | 70.8         | 63                | -1.8                                    |                                          | open           |
| EPWB-12A | 3/31/22 1:55 | 35.1         | 31.2         | 0.0         | 33.7         | 62                | -1.0                                    |                                          | open           |
| EPOWB-12 | 3/31/22 2:04 | 29.5         | 28.6         | 1.1         | 40.8         | 65                | -4.1                                    |                                          | open           |
| EPOWB-11 | 3/31/22 2:10 | 55.9         | 31.5         | 1.1         | 11.5         | 67                | -8.2                                    |                                          | open           |
| E00WB-10 | 3/31/22 2:15 | 1.7          | 1.3          | 20.3        | 76.7         | 67                | -30.4                                   |                                          | open           |
| EPOWB-09 | 3/31/22 2:20 | 58.6         | 35.3         | 0.0         | 6.1          | 75                | -0.3                                    |                                          | open           |
| EPOWB-08 | 3/31/22 2:30 | 55.5         | 34.4         | 0.0         | 10.1         | 67                | -35.4                                   |                                          | open           |
| EPOWB-07 | 3/31/22 2:35 | 47.6         | 33.2         | 4.3         | 14.9         | 71                | -8.5                                    |                                          | open           |
| EPWB-07A | 3/31/22 2:40 | 44.7         | 29.4         | 3.7         | 22.2         | 71                | -3.8                                    |                                          | open           |
| EPOWB-06 | 3/31/22 2:45 | 28.0         | 24.8         | 5.7         | 41.5         | 78                | -0.7                                    |                                          | open           |
| EPWB-06A | 3/31/22 2:50 | 49.8         | 36.9         | 0.0         | 13.3         | 69                | -2.8                                    |                                          | open           |
| EPOWB-05 | 3/31/22 2:55 | 32.7         | 24.6         | 1.6         | 41.1         | 73                | -8.1                                    |                                          | open           |
| EPWB-05A | 3/31/22 3:00 | 2.5          | 1.3          | 20.5        | 75.7         | 76                | -1.2                                    |                                          | open           |
| EPOWB-04 | 3/31/22 3:10 | 1.8          | 1.1          | 20.1        | 77.0         | 71                | -28.5                                   |                                          | open           |
| E00WB-03 | 3/31/22 3:15 | 16.5         | 11.2         | 13.1        | 59.2         | 71                | -2.5                                    |                                          | open           |
| E00WB-02 | 3/31/22 3:20 | 0.6          | 1.0          | 20.8        | 77.6         | 74                | -0.4                                    |                                          | open           |
| EPOWB-01 | 3/31/22 3:30 | 7.1          | 3.0          | 17.5        | 72.4         | 72                | 0.0                                     |                                          | open           |
| P00WC-01 | 3/31/22 3:35 | 65.3         | 34.7         | 0.0         | 0.0          | 53                | -32.1                                   |                                          | open           |
| P00WC-02 | 3/31/22 3:45 | 54.9         | 35.8         | 0.0         | 9.3          | 51                | -32.0                                   |                                          | open           |
| P00WC-03 | 3/31/22 3:50 | 55.2         | 34.3         | 0.1         | 10.4         | 49                | -32.2                                   |                                          | open           |
| P00WC-04 | 3/31/22 3:55 | 58.7         | 31.1         | 0.0         | 10.2         | 50                | -8.3                                    |                                          | open           |
| P00WF-02 | 3/31/22 4:10 | 46.1         | 33.0         | 1.8         | 19.1         | 52                | -4.7                                    |                                          | open           |
| P00WD-04 | 3/31/22 4:15 | 57.5         | 35.8         | 0.4         | 6.3          | 54                | -8.9                                    |                                          | open           |
| EPOWD-03 | 3/31/22 4:20 | 2.4          | 1.2          | 20.9        | 75.5         | 53                | -0.2                                    |                                          | open           |
| P00WD-02 | 3/31/22 4:30 | 61.4         | 28.5         | 1.8         | 8.3          | 53                | -12.2                                   |                                          | open           |
| P00WD-01 | 3/31/22 4:35 | 61.8         | 23.0         | 0.0         | 15.2         | 55                | -16.0                                   |                                          | open           |
| POWE-01A | 3/31/22 4:40 | 73.7         | 24.1         | 0.9         | 1.3          | 54                | -27.6                                   |                                          | open           |
| P00WE-01 | 3/31/22 4:45 | 51.6         | 23.2         | 2.6         | 22.6         | 54                | -28.1                                   |                                          | open           |
| P00WE-02 | 3/31/22 4:50 | 59.9         | 40.1         | 0.0         | 0.0          | 63                | -2.0                                    |                                          | open           |
| P00WE-03 | 3/31/22 5:00 | 56.8         | 22.1         | 2.4         | 18.7         | 59                | -5.0                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| P00WE-04 | 3/31/22 5:05  | 56.2         | 37.3         | 0.0         | 6.5          | 55                | -19.4                                   |                                          | open           |
| P00WE-05 | 3/31/22 5:10  | 56.1         | 35.0         | 0.0         | 8.9          | 56                | -15.6                                   |                                          | open           |
| P00WF-01 | 3/31/22 5:15  | 23.2         | 15.3         | 4.4         | 57.1         | 56                | -16.1                                   |                                          | open           |
| E00WN-13 | 3/31/22 5:20  | 7.5          | 6.1          | 19.3        | 67.1         | 63                | -34.9                                   |                                          | open           |
| EPOWN-12 | 3/31/22 5:25  | 58.8         | 41.2         | 0.0         | 0.0          | 67                | -0.7                                    |                                          | open           |
| E00WN-11 | 3/31/22 5:30  | 59.8         | 40.2         | 0.0         | 0.0          | 63                | -5.8                                    |                                          | open           |
| E00WN-10 | 3/31/22 5:35  | 57.1         | 42.9         | 0.0         | 0.0          | 67                | -2.4                                    |                                          | open           |
| EPOWN-09 | 3/31/22 5:40  | 59.0         | 41.0         | 0.0         | 0.0          | 66                | -12.2                                   |                                          | open           |
| EPOWN-08 | 3/31/22 5:50  | 40.8         | 31.0         | 0.0         | 28.2         | 69                | -2.4                                    |                                          | open           |
| E00WN-07 | 3/31/22 5:55  | 41.3         | 34.4         | 0.1         | 24.2         | 66                | -33.8                                   |                                          | open           |
| E00WN-06 | 3/31/22 6:00  | 49.5         | 38.2         | 0.0         | 12.3         | 64                | -21.3                                   |                                          | open           |
| EPOWN-05 | 3/31/22 6:05  | 48.4         | 35.2         | 2.9         | 13.5         | 67                | -18.5                                   |                                          | open           |
| EPWN-04A | 3/31/22 6:10  | 63.7         | 34.8         | 0.0         | 1.5          | 65                | -32.2                                   |                                          | open           |
| EPOWN-04 | 3/31/22 6:15  | 61.1         | 34.9         | 0.2         | 3.8          | 67                | -34.8                                   |                                          | open           |
| EPWN-03R | 3/31/22 6:18  | 42.0         | 26.3         | 6.1         | 25.6         | 70                | -10.8                                   |                                          | open           |
| E00WN-02 | 3/31/22 6:21  | 53.5         | 33.1         | 2.3         | 11.1         | 70                | -31.8                                   |                                          | open           |
| EPOWN-01 | 3/31/22 6:24  | 1.8          | 1.6          | 19.8        | 76.8         | 61                | -22.7                                   |                                          | open           |
| EPOWA-01 | 3/31/22 7:40  | 52.3         | 39.6         | 1.0         | 7.1          | 45                | -2.5                                    |                                          | open           |
| EPOWA-02 | 3/31/22 7:47  | 45.4         | 24.5         | 6.4         | 23.7         | 39                | -35.8                                   |                                          | open           |
| P00WA-04 | 3/31/22 7:52  | 56.4         | 32.7         | 2.2         | 8.7          | 38                | -22.9                                   |                                          | open           |
| EPOWA-06 | 3/31/22 8:06  | 0.4          | 0.3          | 20.4        | 78.9         | 47                | -0.3                                    | -0.1                                     | open           |
| EPOWA-05 | 3/31/22 8:15  | 0.9          | 0.5          | 20.7        | 77.9         | 52                | 0.0                                     |                                          | open           |
| P00WA-07 | 3/31/22 8:20  | 34.4         | 24.4         | 4.2         | 37.0         | 51                | -0.9                                    |                                          | open           |
| EPOWA-08 | 3/31/22 8:30  | 30.5         | 21.5         | 3.2         | 44.8         | 48                | -0.6                                    |                                          | open           |
| EPOWA-09 | 3/31/22 8:34  | 0.2          | 0.6          | 20.6        | 78.6         | 50                | -35.7                                   |                                          | open           |
| P00WA-10 | 3/31/22 8:39  | 56.4         | 32.1         | 1.2         | 10.3         | 52                | -4.0                                    |                                          | open           |
| P00WA-11 | 3/31/22 8:44  | 59.3         | 40.7         | 0.0         | 0.0          | 56                | -0.9                                    |                                          | open           |
| P00WA-12 | 3/31/22 8:48  | 59.7         | 40.3         | 0.0         | 0.0          | 54                | -4.3                                    |                                          | open           |
| EPOWA-13 | 3/31/22 8:52  | 62.3         | 36.7         | 0.0         | 1.0          | 54                | -2.7                                    |                                          | open           |
| E00WA-14 | 3/31/22 8:56  | 0.5          | 8.2          | 12.5        | 78.8         | 55                | -0.4                                    |                                          | open           |
| EPOWA-15 | 3/31/22 9:15  | 44.1         | 28.3         | 2.7         | 24.9         | 58                | -35.7                                   |                                          | open           |
| EPOWA-16 | 3/31/22 9:21  | 59.0         | 39.1         | 0.1         | 1.8          | 56                | -11.3                                   |                                          | open           |
| P00WA-17 | 3/31/22 9:27  | 55.0         | 37.1         | 0.4         | 7.5          | 57                | -19.6                                   |                                          | open           |
| EPOWA-18 | 3/31/22 9:34  | 44.6         | 28.9         | 5.0         | 21.5         | 56                | -29.9                                   |                                          | open           |
| EPOWA-19 | 3/31/22 9:45  | 1.4          | 1.0          | 20.5        | 77.1         | 56                | -0.1                                    |                                          | open           |
| EPOWA-20 | 3/31/22 9:50  | 50.5         | 36.6         | 0.0         | 12.9         | 57                | -18.7                                   |                                          | open           |
| EPOWA-21 | 3/31/22 10:00 | 5.7          | 16.1         | 2.5         | 75.7         | 60                | -1.8                                    |                                          | open           |
| EPOWA-22 | 3/31/22 10:07 | 25.9         | 26.5         | 1.0         | 46.6         | 62                | -7.5                                    |                                          | open           |
| EPOWA-23 | 3/31/22 10:12 | 46.0         | 33.7         | 1.4         | 18.9         | 60                | -5.8                                    |                                          | open           |
| EPOWB-17 | 3/31/22 10:20 | 11.4         | 21.6         | 0.4         | 66.6         | 60                | -3.7                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

March 2022

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| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPOWA-24 | 3/31/22 10:37 | 36.7         | 24.7         | 7.6         | 31.0         | 60                | -35.6                                   |                                          | open           |

Cell 6ANE

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EONEA-01 | 3/10/22 6:54 | 49.9         | 35.1         | 1.0         | 14.0         | 55                | -9.0                                    |                                          | open           |
| EONEA-02 | 3/10/22 6:57 | 43.9         | 33.2         | 0.0         | 22.9         | 56                | -9.7                                    |                                          | open           |
| EONEA-03 | 3/10/22 7:01 | 10.0         | 6.8          | 20.1        | 63.1         | 57                | -23.4                                   |                                          | open           |
| EONEA-05 | 3/10/22 7:01 | 46.8         | 32.3         | 0.0         | 20.9         | 58                | -1.5                                    |                                          | open           |
| EONEA-07 | 3/10/22 7:02 | 48.4         | 36.0         | 0.0         | 15.6         | 55                | -1.8                                    |                                          | open           |
| EONEA-09 | 3/10/22 7:03 | 44.1         | 33.9         | 0.2         | 21.8         | 55                | -0.2                                    |                                          | open           |
| EONEA-04 | 3/10/22 7:04 | 44.6         | 31.5         | 4.2         | 19.7         | 56                | -2.5                                    |                                          | open           |
| EONEA-06 | 3/10/22 7:18 | 48.3         | 26.2         | 0.0         | 25.5         | 55                | -0.4                                    |                                          | open           |
| EONEA-08 | 3/10/22 7:24 | 50.5         | 38.9         | 0.1         | 10.5         | 56                | -4.7                                    |                                          | open           |
| 00NEA-10 | 3/10/22 7:34 | 54.5         | 38.1         | 0.1         | 7.3          | 54                | -7.5                                    |                                          | open           |
| EONEA-11 | 3/10/22 7:38 | 54.0         | 39.1         | 0.1         | 6.8          | 56                | -1.9                                    |                                          | open           |
| 00NEA-12 | 3/10/22 7:41 | 55.3         | 40.9         | 0.1         | 3.7          | 54                | -1.6                                    |                                          | open           |
| EONEA-13 | 3/10/22 7:44 | 2.3          | 1.9          | 20.6        | 75.2         | 55                | -2.8                                    |                                          | open           |
| 00NEA-14 | 3/10/22 7:48 | 54.0         | 38.3         | 0.5         | 7.2          | 55                | -15.9                                   |                                          | open           |
| EONEA-15 | 3/10/22 7:52 | 57.2         | 42.1         | 0.1         | 0.6          | 55                | -15.9                                   |                                          | open           |
| ENE-16A  | 3/10/22 7:55 | 52.0         | 42.4         | 0.1         | 5.5          | 58                | -14.4                                   |                                          | open           |
| 00NEB-09 | 3/10/22 8:04 | 27.0         | 30.8         | 0.0         | 42.2         | 58                | -1.0                                    |                                          | open           |
| EONEB-01 | 3/10/22 8:07 | 58.5         | 35.8         | 0.1         | 5.6          | 57                | -13.2                                   |                                          | open           |
| EONEB-02 | 3/10/22 8:12 | 12.4         | 10.0         | 11.8        | 65.8         | 58                | -16.0                                   | -1.0                                     | open           |
| EONEB-03 | 3/10/22 8:19 | 26.1         | 19.0         | 8.2         | 46.7         | 57                | -0.1                                    |                                          | open           |
| EONEB-04 | 3/10/22 8:23 | 45.8         | 29.0         | 1.5         | 23.7         | 57                | -13.7                                   |                                          | open           |
| EONEB-05 | 3/10/22 8:26 | 44.7         | 23.0         | 0.0         | 32.3         | 59                | -0.2                                    |                                          | open           |
| EONEB-06 | 3/10/22 8:29 | 50.2         | 37.3         | 0.0         | 12.5         | 58                | -1.7                                    |                                          | open           |
| EONEB-07 | 3/10/22 8:31 | 41.4         | 33.5         | 0.0         | 25.1         | 58                | -2.0                                    |                                          | open           |
| EONEB-08 | 3/10/22 8:35 | 36.0         | 32.1         | 0.0         | 31.9         | 58                | -1.5                                    |                                          | open           |
| EONEB-10 | 3/10/22 8:45 | 35.7         | 33.8         | 0.0         | 30.5         | 58                | -4.5                                    |                                          | open           |
| EONEB-11 | 3/10/22 8:49 | 44.6         | 38.0         | 0.0         | 17.4         | 58                | -4.7                                    |                                          | open           |
| EONEB-12 | 3/10/22 8:55 | 45.1         | 35.6         | 0.0         | 19.3         | 58                | -1.3                                    |                                          | open           |
| EONEB-13 | 3/10/22 8:59 | 11.6         | 19.5         | 9.2         | 59.7         | 58                | -0.7                                    |                                          | open           |
| EPNEB-14 | 3/10/22 9:09 | 19.9         | 25.0         | 3.0         | 52.1         | 58                | -0.4                                    |                                          | open           |
| EONEC-01 | 3/10/22 9:21 | 9.2          | 7.1          | 20.2        | 63.5         | 57                | -0.6                                    |                                          | open           |
| EONEC-02 | 3/10/22 9:23 | 8.3          | 9.2          | 5.5         | 77.0         | 56                | -1.7                                    |                                          | open           |
| EONEC-03 | 3/10/22 9:25 | 38.9         | 29.1         | 2.5         | 29.5         | 57                | -0.2                                    |                                          | open           |
| EPNED-01 | 3/10/22 9:29 | 15.7         | 12.1         | 16.2        | 56.0         | 56                | -7.4                                    |                                          | open           |
| 00NED-02 | 3/10/22 9:33 | 43.2         | 38.2         | 0.1         | 18.5         | 58                | -0.8                                    |                                          | open           |
| 00NED-03 | 3/10/22 9:36 | 57.0         | 32.8         | 0.1         | 10.1         | 56                | -0.6                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 00NEE-01 | 3/10/22 9:39  | 58.0         | 38.2         | 0.1         | 3.7          | 55                | -10.3                                   |                                          | open           |
| E0NEE-02 | 3/10/22 9:44  | 46.9         | 33.2         | 0.0         | 19.9         | 54                | -1.9                                    |                                          | open           |
| E0NEE-03 | 3/10/22 9:53  | 20.5         | 18.5         | 19.5        | 41.5         | 56                | -20.2                                   |                                          | open           |
| E0NEE-04 | 3/10/22 9:56  | 50.6         | 27.5         | 0.1         | 21.8         | 58                | -24.4                                   |                                          | open           |
| E0NEE-05 | 3/10/22 10:02 | 45.6         | 23.9         | 0.1         | 30.4         | 57                | -5.3                                    |                                          | open           |
| E0NEE-06 | 3/10/22 10:06 | 30.3         | 29.2         | 0.2         | 40.3         | 58                | -3.8                                    |                                          | open           |

Crittenden

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPCRA-01 | 3/8/22 7:15  | 52.9         | 34.6         | 1.8         | 10.7         | 56                | -1.1                                    |                                          | open           |
| EPCRA02R | 3/8/22 7:20  | 1.1          | 1.6          | 20.9        | 76.4         | 56                | -1.3                                    |                                          | open           |
| EPCRA-03 | 3/8/22 7:32  | 23.9         | 27.0         | 0.1         | 49.0         | 58                | -2.4                                    |                                          | open           |
| EPCRA-04 | 3/8/22 7:42  | 50.1         | 34.1         | 0.7         | 15.1         | 57                | -0.1                                    |                                          | open           |
| ECRA-05R | 3/8/22 7:55  | 0.5          | 1.4          | 20.8        | 77.3         | 56                | 0.0                                     |                                          | open           |
| EPCRA-06 | 3/8/22 8:07  | 1.6          | 5.3          | 15.4        | 77.7         | 56                | -0.1                                    |                                          | open           |
| EPCRA-07 | 3/8/22 8:13  | 9.2          | 21.6         | 0.0         | 69.2         | 56                | -0.1                                    |                                          | open           |
| EPCRA-08 | 3/8/22 8:20  | 25.3         | 26.5         | 0.0         | 48.2         | 55                | -0.4                                    |                                          | open           |
| EPCRA-09 | 3/8/22 8:30  | 45.3         | 32.4         | 0.0         | 22.3         | 55                | -1.2                                    |                                          | open           |
| EPCRA-10 | 3/8/22 8:36  | 43.1         | 26.3         | 3.7         | 26.9         | 57                | -0.3                                    |                                          | open           |
| E0CRA-13 | 3/8/22 8:56  | 45.3         | 32.9         | 0.0         | 21.8         | 57                | 0.0                                     | -0.1                                     | open           |
| 00CRA-12 | 3/8/22 9:08  | 40.4         | 27.4         | 0.0         | 32.2         | 57                | -0.7                                    |                                          | open           |
| 00CRA-11 | 3/8/22 9:12  | 55.2         | 37.0         | 0.0         | 7.8          | 59                | 0.0                                     |                                          | open           |
| EPCRB-01 | 3/8/22 10:00 | 31.8         | 28.1         | 0.0         | 40.1         | 59                | 0.0                                     |                                          | open           |
| 00CRC-04 | 3/8/22 10:05 | 19.5         | 24.4         | 1.2         | 54.9         | 60                | -1.2                                    |                                          | open           |
| EPCRB-02 | 3/8/22 10:10 | 40.1         | 28.6         | 0.0         | 31.3         | 63                | 0.0                                     |                                          | open           |
| EPCRB-03 | 3/8/22 10:15 | 19.7         | 14.1         | 12.9        | 53.3         | 61                | 0.0                                     |                                          | open           |
| 00CRC-03 | 3/8/22 10:20 | 31.6         | 28.9         | 1.9         | 37.6         | 68                | -0.7                                    |                                          | open           |
| EPCRB-04 | 3/8/22 10:25 | 16.3         | 23.8         | 1.5         | 58.4         | 68                | -0.3                                    |                                          | open           |
| EPCRB-05 | 3/8/22 10:30 | 4.1          | 3.6          | 20.5        | 71.8         | 65                | -0.2                                    |                                          | open           |
| EPCRB-06 | 3/8/22 10:35 | 0.9          | 2.1          | 20.5        | 76.5         | 62                | 0.0                                     |                                          | open           |
| 00CRC-02 | 3/8/22 10:40 | 24.4         | 24.0         | 0.4         | 51.2         | 61                | -0.4                                    |                                          | open           |
| EPCRB07R | 3/8/22 10:45 | 6.8          | 5.6          | 18.5        | 69.1         | 65                | -1.0                                    |                                          | open           |
| 00CRC-01 | 3/8/22 10:50 | 17.7         | 24.5         | 0.0         | 57.8         | 54                | -3.6                                    |                                          | open           |
| E0CRB-08 | 3/8/22 10:55 | 0.4          | 0.5          | 20.9        | 78.2         | 63                | -0.5                                    |                                          | open           |
| E0CRD-01 | 3/8/22 11:00 | 30.4         | 26.8         | 0.0         | 42.8         | 69                | -0.4                                    |                                          | open           |
| 00CRD-02 | 3/8/22 11:05 | 34.4         | 27.8         | 0.0         | 37.8         | 70                | -1.0                                    |                                          | open           |
| E0CRD-03 | 3/8/22 11:10 | 51.5         | 36.4         | 0.0         | 12.1         | 69                | -3.6                                    |                                          | open           |
| 00CRD-04 | 3/8/22 11:15 | 30.0         | 26.3         | 0.0         | 43.7         | 82                | -1.0                                    |                                          | open           |
| E0CRD-05 | 3/8/22 11:20 | 3.2          | 2.1          | 19.8        | 74.9         | 72                | -1.0                                    |                                          | open           |
| 00CRD-06 | 3/8/22 11:26 | 42.1         | 28.2         | 0.2         | 29.5         | 75                | -3.2                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

March 2022

4 of 8

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 00CRD-07 | 3/8/22 11:40 | 15.9         | 19.8         | 1.6         | 62.7         | 69                | -1.9                                    |                                          | open           |
| E0CRD-08 | 3/8/22 11:45 | 26.4         | 19.1         | 7.5         | 47.0         | 76                | -1.0                                    |                                          | open           |
| E0CRD-09 | 3/8/22 11:49 | 0.3          | 0.5          | 20.8        | 78.4         | 75                | -0.2                                    |                                          | open           |
| E0CRD-10 | 3/8/22 11:58 | 3.6          | 4.8          | 15.6        | 76.0         | 73                | -1.0                                    |                                          | open           |
| E0CRD-11 | 3/8/22 12:10 | 0.3          | 0.2          | 20.4        | 79.1         | 72                | -1.2                                    |                                          | open           |

Front Nine

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| E0FHZ-04 | 3/9/22 1:05  | 18.7         | 19.5         | 8.4         | 53.4         | 60                | -0.1                                    |                                          | open           |
| E000A-16 | 3/9/22 1:10  | 0.6          | 5.6          | 14.4        | 79.4         | 53                | -0.4                                    |                                          | open           |
| E0FHZ-05 | 3/9/22 1:15  | 60.5         | 37.1         | 0.0         | 2.4          | 57                | -0.1                                    |                                          | open           |
| 0000A-05 | 3/9/22 7:41  | 54.0         | 35.0         | 2.1         | 8.9          | 37                | -2.3                                    |                                          | open           |
| EP00B-28 | 3/9/22 8:10  | 1.0          | 3.8          | 20.6        | 74.6         | 43                | -0.1                                    |                                          | open           |
| EP00Y-01 | 3/9/22 8:14  | 0.3          | 1.1          | 20.7        | 77.9         | 43                | 0.0                                     |                                          | open           |
| EP0LE-01 | 3/9/22 9:04  | 23.7         | 21.5         | 0.2         | 54.6         | 46                | -0.1                                    |                                          | open           |
| E000Y-06 | 3/9/22 9:08  | 11.9         | 4.5          | 19.0        | 64.6         | 46                | -3.2                                    |                                          | open           |
| EP00Y-05 | 3/9/22 9:12  | 6.3          | 20.1         | 0.0         | 73.6         | 49                | 0.0                                     |                                          | open           |
| EP00Y-04 | 3/9/22 9:26  | 1.2          | 1.8          | 20.1        | 76.9         | 49                | -0.1                                    |                                          | open           |
| EP00Y-03 | 3/9/22 9:36  | 7.0          | 5.4          | 17.4        | 70.2         | 51                | -0.5                                    |                                          | open           |
| EP00Y-02 | 3/9/22 9:45  | 4.0          | 8.5          | 12.8        | 74.7         | 45                | 0.0                                     |                                          | open           |
| EP0LE-02 | 3/9/22 11:45 | 1.2          | 2.8          | 19.7        | 76.3         | 50                | -0.1                                    |                                          | open           |
| EP0LE-03 | 3/9/22 11:50 | 54.8         | 27.2         | 3.9         | 14.1         | 54                | -0.1                                    |                                          | open           |
| EP0LE-04 | 3/9/22 11:56 | 1.2          | 0.7          | 20.3        | 77.8         | 56                | -16.9                                   |                                          | open           |
| EP00B-02 | 3/9/22 12:01 | 1.0          | 0.7          | 20.4        | 77.9         | 49                | -0.1                                    |                                          | open           |
| 000B-04R | 3/9/22 12:02 | 18.4         | 22.1         | 3.2         | 56.3         | 58                | 0.0                                     |                                          | open           |
| E000B-03 | 3/9/22 12:11 | 0.8          | 1.4          | 21.0        | 76.8         | 54                | -0.1                                    |                                          | open           |
| E0FHZ-01 | 3/9/22 12:36 | 25.1         | 20.2         | 9.1         | 45.6         | 58                | -0.6                                    |                                          | open           |
| E0FHZ-02 | 3/9/22 12:45 | 58.4         | 40.6         | 0.0         | 1.0          | 57                | -0.2                                    |                                          | open           |
| E0FHZ-03 | 3/9/22 12:50 | 34.6         | 26.2         | 8.0         | 31.2         | 50                | -0.2                                    |                                          | open           |
| 0000B-12 | 3/9/22 12:52 | 59.3         | 40.7         | 0.0         | 0.0          | 53                | -4.2                                    |                                          | open           |

Michaels

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| E000MPHZ | 3/14/22 8:08 | 12.1         | 19.8         | 1.1         | 67.0         | 56                | -0.1                                    |                                          | open           |
| EP00B-20 | 3/14/22 8:09 | 2.4          | 5.6          | 16.0        | 76.0         | 58                | -0.1                                    |                                          | open           |
| EP00B-24 | 3/14/22 8:11 | 6.1          | 4.8          | 18.9        | 70.2         | 58                | -33.9                                   |                                          | open           |
| 000SC-2A | 3/14/22 8:12 | 7.9          | 16.3         | 3.7         | 72.1         |                   | -0.9                                    |                                          | open           |
| 00P1HIGH | 3/14/22 8:14 | 0.0          | 3.7          | 20.2        | 76.1         |                   |                                         |                                          | open           |
| 000P1LOW | 3/14/22 8:19 | 0.0          | 1.3          | 20.5        | 78.2         |                   |                                         |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID | Date/Time | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|---------|-----------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
|---------|-----------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|

Vista

| Well ID  | Date/Time   | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|-------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EP0VE-06 | 3/1/22 1:50 | 8.6          | 13.4         | 12.8        | 65.2         | 57                | -0.1                                    |                                          | open           |
| EP0VE-07 | 3/1/22 1:55 | 6.8          | 4.0          | 19.4        | 69.8         | 58                | -0.3                                    |                                          | open           |
| EP0VE-08 | 3/1/22 2:04 | 22.6         | 24.6         | 0.0         | 52.8         | 63                | -0.6                                    |                                          | open           |
| EP0VE-09 | 3/1/22 2:09 | 44.1         | 30.4         | 0.0         | 25.5         | 63                | -1.3                                    |                                          | open           |
| E00VE-10 | 3/1/22 2:14 | 14.8         | 11.2         | 13.4        | 60.6         | 63                | -0.2                                    |                                          | open           |
| 000VE-11 | 3/1/22 2:19 | 52.6         | 33.2         | 0.5         | 13.7         | 66                | -9.2                                    |                                          | open           |
| E00VF-01 | 3/1/22 2:35 | 2.7          | 7.5          | 13.1        | 76.7         | 64                | -0.1                                    |                                          | open           |
| EP0VF-02 | 3/1/22 2:40 | 10.8         | 12.2         | 8.3         | 68.7         | 61                | -0.2                                    |                                          | open           |
| 000VF-03 | 3/1/22 2:45 | 50.8         | 35.7         | 0.0         | 13.5         | 60                | -8.5                                    |                                          | open           |
| EP0VF-04 | 3/1/22 2:50 | 1.4          | 1.8          | 20.3        | 76.5         | 59                | -32.6                                   |                                          | open           |
| EPVF-05R | 3/1/22 2:55 | 8.7          | 17.3         | 1.6         | 72.4         | 58                | -1.9                                    |                                          | open           |
| 000VF-06 | 3/1/22 3:00 | 39.0         | 35.2         | 0.0         | 25.8         | 57                | -0.4                                    |                                          | open           |
| EP0VF-07 | 3/1/22 3:05 | 58.4         | 31.4         | 2.0         | 8.2          | 58                | -17.5                                   |                                          | open           |
| 00VF-07A | 3/1/22 3:10 | 44.3         | 31.2         | 0.0         | 24.5         | 58                | -12.2                                   |                                          | open           |
| EPVF-08R | 3/1/22 3:15 | 56.0         | 31.2         | 2.5         | 10.3         | 60                | -2.5                                    |                                          | open           |
| 000VF-09 | 3/1/22 3:25 | 54.4         | 41.3         | 0.0         | 4.3          | 58                | -4.0                                    |                                          | open           |
| 000VF-10 | 3/1/22 3:30 | 61.3         | 38.7         | 0.0         | 0.0          | 60                | -9.5                                    |                                          | open           |
| 000VF-11 | 3/1/22 3:35 | 59.8         | 40.2         | 0.0         | 0.0          | 59                | -0.8                                    |                                          | open           |
| 00VG-01A | 3/1/22 3:45 | 53.6         | 34.9         | 0.0         | 11.5         | 63                | -5.3                                    |                                          | open           |
| 000VG-01 | 3/1/22 3:56 | 41.4         | 31.3         | 1.9         | 25.4         | 64                | -23.1                                   |                                          | open           |
| POVG-02R | 3/1/22 4:00 | 50.1         | 25.7         | 4.8         | 19.4         | 74                | -30.7                                   |                                          | open           |
| 000VG-03 | 3/1/22 4:03 | 59.1         | 40.9         | 0.0         | 0.0          | 65                | -1.3                                    |                                          | open           |
| POVG-03A | 3/1/22 4:03 | 54.5         | 37.4         | 0.0         | 8.1          | 63                | -5.4                                    |                                          | open           |
| 00VG-04A | 3/1/22 4:06 | 48.6         | 33.2         | 0.3         | 17.9         | 61                | -30.9                                   |                                          | open           |
| P00VG-04 | 3/1/22 4:09 | 46.3         | 35.5         | 3.7         | 14.5         | 44                | -0.5                                    | -0.1                                     | open           |
| 000VG-05 | 3/1/22 4:12 | 46.6         | 38.0         | 0.0         | 15.4         | 42                | -3.0                                    |                                          | open           |
| 000VG-06 | 3/1/22 4:15 | 42.0         | 33.9         | 0.0         | 24.1         | 45                | -0.8                                    |                                          | open           |
| 000VH-04 | 3/1/22 4:18 | 51.3         | 38.0         | 2.2         | 8.5          | 43                | -0.9                                    |                                          | open           |
| 000VH-02 | 3/1/22 4:21 | 27.5         | 30.3         | 0.0         | 42.2         | 43                | -0.5                                    |                                          | open           |
| 000VH-01 | 3/1/22 4:24 | 55.0         | 33.4         | 0.0         | 11.6         | 42                | -0.8                                    |                                          | open           |
| EP0VH-03 | 3/1/22 4:30 | 19.6         | 20.7         | 5.3         | 54.4         | 44                | -0.3                                    |                                          | open           |
| 000VH-05 | 3/1/22 4:35 | 34.1         | 32.9         | 0.0         | 33.0         | 46                | -2.6                                    |                                          | open           |
| 000VH-06 | 3/1/22 4:47 | 50.8         | 34.1         | 1.1         | 14.0         | 45                | -15.8                                   |                                          | open           |
| P00VH-07 | 3/1/22 4:53 | 61.3         | 38.7         | 0.0         | 0.0          | 47                | -3.3                                    |                                          | open           |
| 000VH-08 | 3/1/22 5:00 | 41.8         | 34.8         | 0.0         | 23.4         | 47                | -2.0                                    |                                          | open           |
| 000VH-09 | 3/1/22 5:07 | 37.3         | 31.4         | 0.0         | 31.3         | 49                | -6.3                                    |                                          | open           |
| 000VH-10 | 3/1/22 5:11 | 42.6         | 35.0         | 0.0         | 22.4         | 53                | -1.2                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time   | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|-------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 000VH-12 | 3/1/22 5:17 | 57.0         | 40.0         | 0.4         | 2.6          | 53                | -0.5                                    |                                          | open           |
| 000VH-11 | 3/1/22 5:22 | 28.5         | 29.3         | 0.5         | 41.7         | 50                | -1.1                                    |                                          | open           |
| 000VH-13 | 3/1/22 5:25 | 29.6         | 31.0         | 0.0         | 39.4         | 51                | -0.6                                    |                                          | open           |
| P00VJ-01 | 3/1/22 5:31 | 59.7         | 40.3         | 0.0         | 0.0          | 47                | -16.5                                   |                                          | open           |
| EPVJ-02R | 3/1/22 5:33 | 42.6         | 28.1         | 5.7         | 23.6         | 45                | -27.6                                   |                                          | open           |
| E0VJ-03R | 3/1/22 5:36 | 60.6         | 31.0         | 1.5         | 6.9          | 49                | -9.5                                    |                                          | open           |
| E0VJ-04A | 3/1/22 5:39 | 59.3         | 40.7         | 0.0         | 0.0          | 52                | -3.7                                    |                                          | open           |
| EPVJ-04R | 3/1/22 5:41 | 60.1         | 39.7         | 0.0         | 0.2          | 50                | -3.6                                    |                                          | open           |
| E0VJ-05R | 3/1/22 5:46 | 59.3         | 40.7         | 0.0         | 0.0          | 40                | -26.9                                   |                                          | open           |
| EP0VJ-06 | 3/1/22 5:51 | 53.3         | 28.1         | 3.8         | 14.8         | 38                | -30.2                                   |                                          | open           |
| E0VJ-07R | 3/1/22 5:56 | 56.1         | 38.2         | 0.4         | 5.3          | 54                | -8.7                                    |                                          | open           |
| E00VJ-08 | 3/1/22 6:00 | 57.8         | 39.4         | 0.0         | 2.8          | 62                | -29.1                                   |                                          | open           |
| P00VK-02 | 3/1/22 6:02 | 51.7         | 30.3         | 3.6         | 14.4         | 54                | -27.2                                   |                                          | open           |
| E0VJ-09R | 3/1/22 6:04 | 25.4         | 17.0         | 12.3        | 45.3         | 69                | -27.6                                   |                                          | open           |
| EP0VJ-10 | 3/1/22 6:08 | 21.6         | 22.2         | 2.0         | 54.2         | 61                | -25.8                                   | -0.2                                     | open           |
| EPVJ-11R | 3/1/22 6:12 | 58.6         | 35.1         | 0.0         | 6.3          | 56                | -0.1                                    |                                          | open           |
| 000VK-01 | 3/1/22 6:16 | 54.3         | 31.0         | 1.3         | 13.4         | 51                | -31.1                                   |                                          | open           |
| EP0VK-05 | 3/1/22 6:24 | 59.4         | 35.7         | 0.0         | 4.9          | 55                | -1.1                                    |                                          | open           |
| EP0VK-04 | 3/1/22 6:28 | 56.4         | 31.6         | 0.0         | 12.0         | 54                | -14.6                                   |                                          | open           |
| EP0VK-03 | 3/1/22 6:32 | 47.3         | 32.1         | 0.0         | 20.6         | 57                | -25.7                                   |                                          | open           |
| EPVJ-11R | 3/1/22 6:56 | 53.0         | 35.1         | 0.0         | 11.9         | 47                | -1.7                                    |                                          | open           |
| EPVA-01A | 3/1/22 7:02 | 49.9         | 28.3         | 4.0         | 17.8         | 45                | -35.2                                   |                                          | open           |
| P00VA-06 | 3/1/22 7:05 | 55.7         | 19.1         | 2.7         | 22.5         | 56                | -35.1                                   |                                          | open           |
| E00VA-02 | 3/1/22 7:07 | 52.8         | 25.9         | 3.8         | 17.5         | 45                | -4.2                                    |                                          | open           |
| EP0VA-03 | 3/1/22 7:13 | 57.4         | 31.7         | 0.0         | 10.9         | 44                | -6.6                                    |                                          | open           |
| EP0VA-01 | 3/1/22 7:18 | 55.2         | 30.0         | 2.6         | 12.2         | 49                | -2.1                                    |                                          | open           |
| EP0VA-04 | 3/1/22 7:30 | 22.8         | 10.6         | 14.6        | 52.0         | 50                | -3.9                                    |                                          | open           |
| E00VA-HZ | 3/1/22 7:39 | 4.9          | 6.2          | 15.2        | 73.7         | 56                | -1.2                                    |                                          | open           |
| P00VA-05 | 3/1/22 7:44 | 58.0         | 24.0         | 2.9         | 15.1         | 56                | -30.5                                   |                                          | open           |
| EP0VB-01 | 3/1/22 8:10 | 56.9         | 32.1         | 1.6         | 9.4          | 57                | -34.2                                   |                                          | open           |
| EPVA-01A | 3/1/22 8:17 | 54.3         | 27.9         | 0.0         | 17.8         | 54                | -3.4                                    |                                          | open           |
| 000VB-03 | 3/1/22 8:20 | 52.3         | 31.7         | 1.1         | 14.9         | 58                | -34.1                                   |                                          | open           |
| EP0VA-3A | 3/1/22 8:30 | 21.2         | 11.3         | 14.1        | 53.4         | 57                | -18.5                                   |                                          | open           |
| E00VB-04 | 3/1/22 8:40 | 50.2         | 35.8         | 0.0         | 14.0         | 58                | -14.6                                   |                                          | open           |
| EPVF-05R | 3/1/22 8:50 | 39.8         | 28.2         | 0.0         | 32.0         | 57                | -5.4                                    |                                          | open           |
| E0VB-05A | 3/1/22 8:58 | 50.9         | 37.3         | 0.0         | 11.8         | 58                | -1.8                                    |                                          | open           |
| EPVB-06R | 3/1/22 9:03 | 46.4         | 31.0         | 0.0         | 22.6         | 56                | -3.5                                    |                                          | open           |
| EP0VB-07 | 3/1/22 9:08 | 55.8         | 40.7         | 0.0         | 3.5          | 62                | -6.9                                    |                                          | open           |
| EP0VB-08 | 3/1/22 9:13 | 1.0          | 1.3          | 20.4        | 77.3         | 57                | -34.5                                   |                                          | open           |
| P00VB-09 | 3/1/22 9:27 | 45.4         | 34.8         | 0.0         | 19.8         | 63                | -0.3                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

March 2022

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| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EP0VC-01 | 3/1/22 9:37  | 9.9          | 8.1          | 15.7        | 66.3         | 64                | -0.2                                    |                                          | open           |
| EP0VC-02 | 3/1/22 9:45  | 12.5         | 19.3         | 0.4         | 67.8         | 50                | -10.4                                   |                                          | open           |
| EP0VC-03 | 3/1/22 9:53  | 34.0         | 15.1         | 11.0        | 39.9         | 49                | -23.8                                   |                                          | open           |
| 000VC-04 | 3/1/22 9:58  | 38.3         | 32.7         | 0.0         | 29.0         | 51                | -0.6                                    |                                          | open           |
| EP0VC-05 | 3/1/22 10:03 | 29.3         | 19.9         | 6.6         | 44.2         | 51                | -4.6                                    |                                          | open           |
| EP0VC-06 | 3/1/22 10:10 | 56.9         | 22.3         | 1.2         | 19.6         | 50                | -13.1                                   |                                          | open           |
| EP0VC-07 | 3/1/22 10:15 | 2.1          | 1.2          | 20.6        | 76.1         | 51                | -32.7                                   |                                          | open           |
| EP0VC-08 | 3/1/22 10:19 | 5.9          | 1.4          | 20.7        | 72.0         | 51                | -23.9                                   |                                          | open           |
| 000VC-10 | 3/1/22 10:23 | 45.1         | 32.9         | 0.2         | 21.8         | 51                | -21.7                                   |                                          | open           |
| 000VE-03 | 3/1/22 12:17 | 59.6         | 40.4         | 0.0         | 0.0          | 52                | -4.2                                    |                                          | open           |
| EP0VE-01 | 3/1/22 12:30 | 25.0         | 26.4         | 1.1         | 47.5         | 52                | -2.9                                    |                                          | open           |
| EP0VE-04 | 3/1/22 12:40 | 36.7         | 25.8         | 0.0         | 37.5         | 51                | -1.7                                    |                                          | open           |
| EP0VE-05 | 3/1/22 12:50 | 49.1         | 32.7         | 0.0         | 18.2         | 53                | -1.5                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

March 2022

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CITY OF MOUNTAIN VIEW  
MONTHLY LANDFILL GAS WELL HEAD MONITORING

April 2022  
Back Nine

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPOWA-01 | 4/18/22 9:50  | 56.6         | 38.7         | 0.9         | 3.8          | 67                | -5.0                                    |                                          | open           |
| EPOWA-02 | 4/18/22 9:57  | 66.1         | 33.9         | 0.0         | 0.0          | 72                | -2.1                                    |                                          | open           |
| P00WA-04 | 4/18/22 10:04 | 64.9         | 35.1         | 0.0         | 0.0          | 71                | -1.4                                    |                                          | open           |
| EPOWA-06 | 4/18/22 10:12 | 42.2         | 30.7         | 4.8         | 22.3         | 70                | -2.7                                    |                                          | open           |
| EPOWA-05 | 4/18/22 10:17 | 22.5         | 13.1         | 13.9        | 50.5         | 66                | -0.5                                    |                                          | open           |
| P00WA-07 | 4/18/22 10:26 | 61.7         | 33.7         | 0.0         | 4.6          | 60                | -6.3                                    |                                          | open           |
| EPOWA-09 | 4/18/22 12:12 | 56.1         | 38.9         | 0.1         | 4.9          | 71                | -12.3                                   |                                          | open           |
| EPOWA-08 | 4/18/22 12:17 | 15.1         | 19.3         | 0.0         | 65.6         | 76                | 0.0                                     |                                          | open           |
| P00WA-10 | 4/18/22 12:28 | 60.8         | 37.2         | 0.0         | 2.0          | 74                | -1.9                                    |                                          | open           |
| EPOWA-13 | 4/18/22 12:33 | 60.0         | 36.4         | 0.2         | 3.4          | 74                | -9.3                                    |                                          | open           |
| P00WA-11 | 4/18/22 12:36 | 42.6         | 28.5         | 4.1         | 24.8         | 76                | -33.9                                   |                                          | open           |
| P00WA-12 | 4/18/22 12:42 | 57.3         | 42.3         | 0.0         | 0.4          | 78                | -0.3                                    |                                          | open           |
| E00WA-14 | 4/18/22 16:34 | 0.0          | 1.8          | 20.1        | 78.1         | 73                | -0.1                                    |                                          | open           |
| EPOWA-15 | 4/18/22 16:49 | 59.9         | 32.6         | 1.0         | 6.5          | 71                | -36.5                                   |                                          | open           |
| P00WA-17 | 4/18/22 17:02 | 55.8         | 40.8         | 0.3         | 3.1          | 67                | -1.5                                    |                                          | open           |
| EPOWA-16 | 4/18/22 17:06 | 57.1         | 42.8         | 0.0         | 0.1          | 68                | -0.1                                    |                                          | open           |
| EPOWA-18 | 4/18/22 17:15 | 58.7         | 30.1         | 1.8         | 9.4          | 66                | -11.5                                   |                                          | open           |
| EPOWA-19 | 4/18/22 17:31 | 30.5         | 21.2         | 10.2        | 38.1         | 68                | -0.5                                    |                                          | open           |
| EPOWA-20 | 4/18/22 17:38 | 56.9         | 39.3         | 0.0         | 3.8          | 62                | -4.3                                    |                                          | open           |
| EPOWA-21 | 4/18/22 17:55 | 13.6         | 22.6         | 0.3         | 63.5         | 70                | -0.5                                    |                                          | open           |
| EPOWA-22 | 4/18/22 18:01 | 31.7         | 27.7         | 1.4         | 39.2         | 69                | -1.9                                    |                                          | open           |
| EPOWA-23 | 4/18/22 18:09 | 44.6         | 35.3         | 0.0         | 20.1         | 70                | -4.8                                    |                                          | open           |
| EPOWB-17 | 4/18/22 18:17 | 13.1         | 21.3         | 1.4         | 64.2         | 70                | -0.3                                    |                                          | open           |
| EPOWA-24 | 4/18/22 18:33 | 14.4         | 9.3          | 16.9        | 59.4         | 65                | -35.9                                   |                                          | open           |
| EPOWA-25 | 4/18/22 18:39 | 23.8         | 15.9         | 13.2        | 47.1         | 66                | -0.7                                    |                                          | open           |
| EPOWA-26 | 4/18/22 18:55 | 57.5         | 41.8         | 0.0         | 0.7          | 64                | -0.7                                    |                                          | open           |
| EPOWA-27 | 4/18/22 19:02 | 52.3         | 34.9         | 2.2         | 10.6         | 64                | -18.7                                   |                                          | open           |
| EPOWA-28 | 4/18/22 19:06 | 55.9         | 41.5         | 0.0         | 2.6          | 63                | -1.5                                    |                                          | open           |
| E00WA-29 | 4/18/22 19:11 | 35.7         | 34.2         | 0.0         | 30.1         | 64                | -2.1                                    |                                          | open           |
| E00WN-13 | 4/19/22 7:15  | 1.8          | 1.8          | 20.5        | 75.9         | 58                | -37.3                                   |                                          | open           |
| EPOWN-12 | 4/19/22 7:22  | 53.5         | 38.4         | 1.4         | 6.7          | 56                | -1.0                                    |                                          | open           |
| E00WN-11 | 4/19/22 7:28  | 55.0         | 39.3         | 0.0         | 5.7          | 57                | -4.1                                    |                                          | open           |
| E00WN-10 | 4/19/22 7:39  | 55.6         | 41.5         | 0.0         | 2.9          | 58                | -4.3                                    |                                          | open           |
| EPOWN-09 | 4/19/22 7:42  | 58.9         | 41.1         | 0.0         | 0.0          | 57                | -13.0                                   |                                          | open           |
| EPOWN-08 | 4/19/22 7:56  | 38.3         | 32.3         | 0.6         | 28.8         | 59                | -2.2                                    |                                          | open           |
| E00WN-07 | 4/19/22 8:02  | 53.5         | 44.0         | 0.5         | 2.0          | 58                | -2.1                                    |                                          | open           |
| E00WN-06 | 4/19/22 8:08  | 57.5         | 39.0         | 0.0         | 3.5          | 59                | -3.1                                    |                                          | open           |
| EPOWN-05 | 4/19/22 8:19  | 47.0         | 32.4         | 4.0         | 16.6         | 61                | -19.8                                   |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPWN-04A | 4/19/22 8:35  | 56.5         | 35.0         | 0.0         | 8.5          | 67                | -35.9                                   |                                          | open           |
| EPOWN-04 | 4/19/22 8:47  | 61.2         | 35.2         | 0.3         | 3.3          | 61                | -35.9                                   |                                          | open           |
| EPWN-03R | 4/19/22 9:26  | 0.4          | 0.4          | 20.7        | 78.5         | 61                | -38.8                                   |                                          | open           |
| E00WN-02 | 4/19/22 9:30  | 54.5         | 37.6         | 0.0         | 7.9          | 62                | -35.7                                   |                                          | open           |
| EPOWN-01 | 4/19/22 9:34  | 44.1         | 33.2         | 0.0         | 22.7         | 66                | -6.7                                    |                                          | open           |
| EPOWB-15 | 4/19/22 9:45  | 42.4         | 34.8         | 0.0         | 22.8         | 61                | -0.1                                    |                                          | open           |
| EPOWB-16 | 4/19/22 9:45  | 39.8         | 25.5         | 2.3         | 32.4         | 61                | -0.1                                    |                                          | open           |
| EPOWB-14 | 4/19/22 9:50  | 32.6         | 31.4         | 0.7         | 35.3         | 60                | -0.5                                    |                                          | open           |
| EPOWB-13 | 4/19/22 9:53  | 15.3         | 25.1         | 0.0         | 59.6         | 60                | -1.0                                    |                                          | open           |
| EPWB-12A | 4/19/22 9:56  | 38.2         | 30.9         | 0.9         | 30.0         | 63                | -0.7                                    |                                          | open           |
| EPOWB-12 | 4/19/22 10:02 | 29.2         | 28.6         | 1.0         | 41.2         | 67                | -3.1                                    |                                          | open           |
| EPOWB-11 | 4/19/22 10:21 | 45.2         | 25.2         | 6.1         | 23.5         | 63                | -14.1                                   |                                          | open           |
| E00WB-10 | 4/19/22 10:25 | 24.9         | 14.5         | 13.5        | 47.1         | 70                | -13.4                                   |                                          | open           |
| EPOWB-09 | 4/19/22 10:29 | 57.9         | 34.6         | 0.8         | 6.7          | 68                | -6.9                                    |                                          | open           |
| EPOWB-08 | 4/19/22 12:21 | 61.8         | 37.8         | 0.0         | 0.4          | 68                | -22.5                                   |                                          | open           |
| EPOWB-07 | 4/19/22 12:24 | 37.7         | 27.0         | 4.8         | 30.5         | 68                | -5.2                                    |                                          | open           |
| EPWB-07A | 4/19/22 12:34 | 45.0         | 30.3         | 5.2         | 19.5         | 66                | -0.3                                    |                                          | open           |
| EPOWB-06 | 4/19/22 12:40 | 24.8         | 23.7         | 5.7         | 45.8         | 66                | -0.8                                    |                                          | open           |
| EPWB-06A | 4/19/22 12:50 | 40.2         | 31.8         | 0.6         | 27.4         | 68                | -1.4                                    |                                          | open           |
| EPOWB-05 | 4/19/22 12:56 | 45.5         | 29.7         | 0.0         | 24.8         | 66                | -7.4                                    |                                          | open           |
| EPWB-05A | 4/19/22 13:01 | 57.9         | 30.1         | 0.0         | 12.0         | 67                | -0.4                                    |                                          | open           |
| EPOWB-04 | 4/20/22 7:00  | 0.6          | 0.0          | 20.9        | 78.5         | 50                | -34.5                                   |                                          | open           |
| E00WB-03 | 4/20/22 7:13  | 0.0          | 0.0          | 20.7        | 79.3         | 53                | -2.8                                    |                                          | open           |
| E00WB-02 | 4/20/22 7:30  | 7.8          | 10.4         | 12.3        | 69.5         | 53                | -8.4                                    |                                          | open           |
| EPOWB-01 | 4/20/22 7:35  | 57.7         | 36.8         | 0.0         | 5.5          | 52                | -0.5                                    |                                          | open           |
| P00WC-01 | 4/20/22 7:55  | 56.0         | 29.9         | 2.8         | 11.3         | 51                | -31.3                                   |                                          | open           |
| P00WC-02 | 4/20/22 8:05  | 62.9         | 32.9         | 0.0         | 4.2          | 53                | -4.5                                    |                                          | open           |
| P00WC-03 | 4/20/22 8:18  | 41.8         | 27.6         | 4.5         | 26.1         | 57                | -10.4                                   |                                          | open           |
| P00WC-04 | 4/20/22 8:26  | 50.5         | 25.2         | 1.9         | 22.4         | 56                | -32.6                                   |                                          | open           |
| P00WF-02 | 4/20/22 8:36  | 54.5         | 34.7         | 0.2         | 10.6         | 57                | -4.5                                    |                                          | open           |
| P00WD-04 | 4/20/22 8:49  | 44.8         | 25.3         | 4.4         | 25.5         | 58                | -3.4                                    |                                          | open           |
| EPOWD-03 | 4/20/22 9:06  | 5.8          | 2.1          | 20.8        | 71.3         | 62                | -0.1                                    |                                          | open           |
| P00WD-02 | 4/20/22 9:20  | 50.5         | 22.4         | 4.5         | 22.6         | 65                | -10.8                                   |                                          | open           |
| P00WD-01 | 4/20/22 9:24  | 60.6         | 30.6         | 0.4         | 8.4          | 66                | -19.9                                   |                                          | open           |
| POWE-01A | 4/20/22 10:15 | 51.1         | 29.8         | 4.1         | 15.0         | 65                | -34.1                                   |                                          | open           |
| P00WE-01 | 4/20/22 12:20 | 50.6         | 30.4         | 0.1         | 18.9         | 72                | -29.9                                   |                                          | open           |
| P00WE-02 | 4/20/22 12:28 | 52.7         | 32.6         | 0.0         | 14.7         | 79                | -1.3                                    |                                          | open           |
| P00WE-03 | 4/20/22 12:36 | 41.1         | 28.9         | 4.6         | 25.4         | 81                | -6.1                                    |                                          | open           |
| P00WE-04 | 4/20/22 13:10 | 55.0         | 38.8         | 0.0         | 6.2          | 78                | -18.5                                   |                                          | open           |
| P00WE-05 | 4/20/22 13:40 | 62.2         | 35.5         | 0.0         | 2.3          | 80                | -12.2                                   |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

April 2022

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| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| P00WF-01 | 4/20/22 14:02 | 61.0         | 38.2         | 0.0         | 0.8          | 79                | -1.0                                    |                                          | open           |

Cell 6ANE

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| E0NEA-01 | 4/12/22 7:53  | 0.0          | 0.0          | 20.8        | 79.2         | 48                | -0.6                                    |                                          | open           |
| E0NEA-02 | 4/12/22 7:57  | 11.0         | 8.6          | 15.3        | 65.1         | 48                | -37.5                                   |                                          | open           |
| E0NEA-03 | 4/12/22 8:02  | 37.1         | 20.5         | 9.6         | 32.8         | 49                | -5.3                                    |                                          | open           |
| E0NEA-04 | 4/12/22 8:07  | 50.8         | 32.2         | 3.8         | 13.2         | 51                | -3.7                                    |                                          | open           |
| E0NEA-05 | 4/12/22 8:13  | 38.4         | 31.4         | 1.0         | 29.2         | 53                | -2.0                                    |                                          | open           |
| E0NEA-06 | 4/12/22 8:19  | 18.7         | 20.8         | 1.5         | 59.0         | 50                | -0.3                                    |                                          | open           |
| E0NEA-07 | 4/12/22 8:26  | 59.2         | 40.8         | 0.0         | 0.0          | 51                | -0.4                                    |                                          | open           |
| E0NEA-08 | 4/12/22 8:30  | 44.8         | 35.3         | 1.8         | 18.1         | 54                | -3.7                                    |                                          | open           |
| E0NEA-09 | 4/12/22 8:35  | 54.6         | 39.7         | 0.0         | 5.7          | 56                | -1.9                                    |                                          | open           |
| 00NEA-10 | 4/12/22 8:39  | 56.9         | 40.0         | 0.0         | 3.1          | 52                | -6.1                                    |                                          | open           |
| E0NEA-11 | 4/12/22 8:43  | 46.4         | 36.0         | 0.0         | 17.6         | 55                | -4.1                                    |                                          | open           |
| 00NEA-12 | 4/12/22 8:48  | 50.2         | 35.8         | 2.4         | 11.6         | 61                | -2.9                                    |                                          | open           |
| E0NEA-13 | 4/12/22 8:52  | 11.7         | 8.0          | 19.2        | 61.1         | 68                | -2.9                                    |                                          | open           |
| 00NEA-14 | 4/12/22 9:01  | 55.6         | 37.9         | 1.9         | 4.6          | 59                | -38.2                                   |                                          | open           |
| E0NEA-15 | 4/12/22 9:05  | 56.6         | 39.5         | 0.0         | 3.9          | 57                | -38.1                                   |                                          | open           |
| ENE-16A  | 4/12/22 9:10  | 58.5         | 40.8         | 0.0         | 0.7          | 53                | -38.3                                   |                                          | open           |
| E0NEB-01 | 4/12/22 9:48  | 11.1         | 5.5          | 19.5        | 63.9         | 55                | -19.1                                   |                                          | open           |
| E0NEB-02 | 4/12/22 9:54  | 0.0          | 0.0          | 20.8        | 79.2         | 66                | -37.8                                   |                                          | open           |
| E0NEB-03 | 4/12/22 9:58  | 38.5         | 28.5         | 2.2         | 30.8         | 65                | -0.1                                    |                                          | open           |
| E0NEB-04 | 4/12/22 10:04 | 0.2          | 0.7          | 20.7        | 78.4         | 63                | -0.3                                    |                                          | open           |
| E0NEB-05 | 4/12/22 10:10 | 34.0         | 29.7         | 0.0         | 36.3         | 63                | -0.2                                    |                                          | open           |
| E0NEB-06 | 4/12/22 10:13 | 42.3         | 34.2         | 0.0         | 23.5         | 60                | -2.0                                    |                                          | open           |
| E0NEB-07 | 4/12/22 10:19 | 42.1         | 35.6         | 0.3         | 22.0         | 66                | -0.4                                    |                                          | open           |
| E0NEB-08 | 4/12/22 10:23 | 39.5         | 31.5         | 0.0         | 29.0         | 63                | -0.6                                    |                                          | open           |
| 00NEB-09 | 4/12/22 10:30 | 28.8         | 30.9         | 0.1         | 40.2         | 63                | -0.9                                    |                                          | open           |
| E0NEB-10 | 4/12/22 10:39 | 32.0         | 32.7         | 0.0         | 35.3         | 69                | -7.5                                    |                                          | open           |
| E0NEB-11 | 4/12/22 10:43 | 42.6         | 35.9         | 0.0         | 21.5         | 68                | -11.0                                   |                                          | open           |
| E0NEB-12 | 4/12/22 10:47 | 34.8         | 30.1         | 3.3         | 31.8         | 68                | -2.3                                    |                                          | open           |
| E0NEB-13 | 4/12/22 10:50 | 0.7          | 0.8          | 20.8        | 77.7         | 67                | -0.1                                    |                                          | open           |
| EPNEB-14 | 4/12/22 12:17 | 0.0          | 0.3          | 20.8        | 78.9         | 69                | -2.7                                    |                                          | open           |
| E0NEC-01 | 4/12/22 12:29 | 27.9         | 31.5         | 0.2         | 40.4         | 64                | -15.7                                   |                                          | open           |
| E0NEC-02 | 4/12/22 12:34 | 29.9         | 30.8         | 0.4         | 38.9         | 73                | -3.0                                    |                                          | open           |
| E0NEC-03 | 4/12/22 12:38 | 28.3         | 26.4         | 5.4         | 39.9         | 72                | -0.1                                    |                                          | open           |
| EPNED-01 | 4/12/22 12:44 | 0.4          | 6.5          | 16.6        | 76.5         | 68                | -18.8                                   |                                          | open           |
| 00NED-02 | 4/12/22 13:17 | 47.0         | 36.8         | 0.0         | 16.2         | 70                | -2.0                                    |                                          | open           |
| 00NED-03 | 4/12/22 13:20 | 34.2         | 27.1         | 0.0         | 38.7         | 70                | -1.3                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 00NEE-01 | 4/12/22 13:25 | 57.4         | 40.5         | 0.0         | 2.1          | 66                | -17.6                                   |                                          | open           |
| E0NEE-02 | 4/12/22 13:28 | 56.5         | 37.3         | 0.0         | 6.2          | 0                 | -31.0                                   |                                          | open           |
| E0NEE-02 | 4/12/22 13:32 | 56.7         | 35.9         | 0.0         | 7.4          | 75                | -12.5                                   |                                          | open           |
| E0NEE-03 | 4/12/22 13:37 | 19.9         | 22.6         | 2.7         | 54.8         | 67                | -0.1                                    |                                          | open           |
| E0NEE-04 | 4/12/22 13:41 | 49.8         | 30.5         | 0.0         | 19.7         | 70                | -30.8                                   |                                          | open           |
| E0NEE-05 | 4/12/22 13:44 | 29.4         | 26.3         | 0.0         | 44.3         | 72                | -0.5                                    |                                          | open           |
| E0NEE-06 | 4/12/22 13:48 | 43.0         | 34.8         | 0.0         | 22.2         | 68                | -4.9                                    |                                          | open           |

Crittenden

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPCRA-01 | 4/13/22 7:46  | 53.8         | 36.7         | 0.2         | 9.3          | 52                | -1.9                                    |                                          | open           |
| EPCRA02R | 4/13/22 7:54  | 55.2         | 40.3         | 0.6         | 3.9          | 58                | -1.0                                    |                                          | open           |
| EPCRA-03 | 4/13/22 7:59  | 58.2         | 40.7         | 0.0         | 1.1          | 59                | -2.0                                    |                                          | open           |
| EPCRA-04 | 4/13/22 8:03  | 47.9         | 32.8         | 3.7         | 15.6         | 56                | -1.5                                    |                                          | open           |
| ECRA-05R | 4/13/22 8:09  | 45.6         | 31.1         | 0.0         | 23.3         | 59                | -0.9                                    |                                          | open           |
| EPCRA-06 | 4/13/22 8:13  | 49.1         | 31.5         | 0.1         | 19.3         | 70                | -0.2                                    |                                          | open           |
| EPCRA-07 | 4/13/22 8:19  | 54.2         | 34.6         | 0.0         | 11.2         | 59                | -0.3                                    |                                          | open           |
| EPCRA-08 | 4/13/22 8:23  | 60.2         | 37.8         | 0.0         | 2.0          | 57                | -0.9                                    |                                          | open           |
| EPCRA-09 | 4/13/22 8:29  | 47.3         | 31.0         | 3.9         | 17.8         | 70                | -1.1                                    |                                          | open           |
| EPCRA-10 | 4/13/22 8:34  | 30.7         | 20.0         | 9.9         | 39.4         | 57                | -0.7                                    |                                          | open           |
| E0CRA-13 | 4/13/22 8:51  | 51.8         | 37.3         | 0.1         | 10.8         | 62                | -1.7                                    |                                          | open           |
| 00CRA-12 | 4/13/22 8:58  | 53.4         | 34.4         | 0.0         | 12.2         | 63                | -2.7                                    |                                          | open           |
| 00CRA-11 | 4/13/22 9:04  | 57.9         | 38.7         | 0.0         | 3.4          | 66                | -2.7                                    |                                          | open           |
| EPCRB-01 | 4/13/22 9:17  | 50.6         | 31.1         | 3.3         | 15.0         | 63                | -2.0                                    |                                          | open           |
| 00CRC-04 | 4/13/22 9:21  | 50.3         | 31.2         | 0.9         | 17.6         | 63                | -1.6                                    |                                          | open           |
| EPCRB-02 | 4/13/22 9:25  | 50.9         | 33.0         | 0.8         | 15.3         | 68                | -0.9                                    |                                          | open           |
| 00CRC-03 | 4/13/22 9:28  | 60.0         | 33.4         | 0.0         | 6.6          | 68                | -1.4                                    |                                          | open           |
| EPCRB-03 | 4/13/22 9:32  | 58.7         | 35.8         | 0.0         | 5.5          | 66                | -1.4                                    |                                          | open           |
| EPCRB-04 | 4/13/22 9:37  | 24.8         | 16.0         | 12.8        | 46.4         | 64                | -1.6                                    |                                          | open           |
| EPCRB-05 | 4/13/22 9:43  | 6.9          | 5.5          | 15.2        | 72.4         | 75                | -0.7                                    |                                          | open           |
| EPCRB-06 | 4/13/22 9:50  | 37.7         | 19.1         | 4.9         | 38.3         | 69                | -0.4                                    |                                          | open           |
| 00CRC-02 | 4/13/22 9:54  | 60.3         | 29.8         | 0.0         | 9.9          | 69                | -1.7                                    |                                          | open           |
| EPCRB07R | 4/13/22 10:18 | 60.2         | 32.9         | 0.1         | 6.8          | 64                | -2.6                                    |                                          | open           |
| 00CRC-01 | 4/13/22 10:25 | 45.7         | 31.2         | 2.1         | 21.0         | 71                | -2.4                                    |                                          | open           |
| E0CRB-08 | 4/13/22 10:33 | 0.0          | 2.7          | 20.7        | 76.6         | 65                | -2.9                                    |                                          | open           |
| E0CRD-01 | 4/13/22 12:16 | 33.9         | 26.2         | 0.4         | 39.5         | 68                | -2.8                                    |                                          | open           |
| 00CRD-02 | 4/13/22 12:19 | 60.0         | 33.4         | 0.0         | 6.6          | 66                | -1.1                                    |                                          | open           |
| E0CRD-03 | 4/13/22 12:24 | 59.2         | 39.5         | 0.0         | 1.3          | 66                | -2.7                                    |                                          | open           |
| 00CRD-04 | 4/13/22 12:34 | 62.1         | 34.8         | 0.0         | 3.1          | 74                | -2.3                                    |                                          | open           |
| E0CRD-05 | 4/13/22 12:43 | 38.2         | 20.0         | 7.1         | 34.7         | 69                | -0.2                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 00CRD-06 | 4/13/22 12:48 | 57.9         | 30.7         | 1.3         | 10.1         | 65                | -2.4                                    |                                          | open           |
| E0CRD-08 | 4/13/22 12:59 | 34.2         | 19.8         | 9.5         | 36.5         | 66                | -2.5                                    |                                          | open           |
| E0CRD-09 | 4/13/22 13:06 | 30.0         | 18.5         | 9.7         | 41.8         | 69                | -0.8                                    |                                          | open           |
| E0CRD-10 | 4/13/22 13:12 | 55.1         | 28.3         | 0.0         | 16.6         | 67                | -2.2                                    |                                          | open           |
| E0CRD-11 | 4/13/22 13:17 | 1.3          | 1.2          | 20.5        | 77.0         | 64                | -1.2                                    |                                          | open           |
| 00CRD-07 | 4/13/22 13:23 | 39.7         | 20.9         | 4.4         | 35.0         | 66                | -0.5                                    |                                          | open           |

Front Nine

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 0000A-05 | 4/25/22 12:25 | 54.3         | 34.9         | 1.2         | 9.6          | 73                | -2.7                                    |                                          | open           |
| EP00B-28 | 4/25/22 12:53 | 0.5          | 1.5          | 20.6        | 77.4         | 75                | -1.5                                    |                                          | open           |
| EP00Y-01 | 4/25/22 13:00 | 0.2          | 0.7          | 20.5        | 78.6         | 77                | -0.7                                    |                                          | open           |
| EP0LE-01 | 4/25/22 13:16 | 7.9          | 15.7         | 0.6         | 75.8         | 74                | -3.2                                    |                                          | open           |
| E000Y-06 | 4/25/22 13:18 | 11.8         | 5.2          | 17.3        | 65.7         | 78                | -3.3                                    |                                          | open           |
| EP00Y-05 | 4/25/22 13:21 | 0.2          | 3.1          | 16.9        | 79.8         | 81                | -0.1                                    |                                          | open           |
| EP0LE-02 | 4/28/22 16:33 | 0.0          | 2.4          | 18.9        | 78.7         | 68                | 0.0                                     |                                          | open           |
| EP00Y-02 | 4/28/22 16:51 | 6.7          | 15.2         | 7.6         | 70.5         | 65                | -0.1                                    |                                          | open           |
| EP00Y-03 | 4/28/22 16:58 | 0.2          | 0.3          | 20.8        | 78.7         | 67                | -33.4                                   |                                          | open           |
| EP00Y-04 | 4/28/22 17:02 | 1.2          | 1.3          | 20.2        | 77.3         | 65                | 0.0                                     |                                          | open           |
| EP0LE-03 | 4/28/22 17:13 | 7.0          | 3.3          | 19.8        | 69.9         | 66                | 0.0                                     |                                          | open           |
| EP00B-02 | 4/28/22 17:20 | 8.5          | 3.3          | 20.3        | 67.9         | 66                | -0.1                                    |                                          | open           |
| E000B-03 | 4/28/22 17:33 | 42.9         | 19.8         | 7.4         | 29.9         | 63                | 0.0                                     |                                          | open           |
| 000B-04R | 4/28/22 17:40 | 36.2         | 19.5         | 4.0         | 40.3         | 61                | 0.0                                     |                                          | open           |
| EP0LE-04 | 4/28/22 17:48 | 0.0          | 0.0          | 20.8        | 79.2         | 64                | -25.0                                   |                                          | open           |
| E0FHZ-01 | 4/28/22 18:10 | 56.4         | 34.9         | 0.9         | 7.8          | 62                | -0.2                                    |                                          | open           |
| EP00Y-05 | 4/29/22 10:08 | 0.1          | 3.2          | 17.3        | 79.4         | 67                | -0.1                                    |                                          | open           |
| E0FHZ-02 | 4/29/22 10:25 | 45.4         | 35.1         | 1.2         | 18.3         | 69                | -0.2                                    |                                          | open           |
| E0FHZ-03 | 4/29/22 10:29 | 31.0         | 24.6         | 6.4         | 38.0         | 68                | 0.0                                     |                                          | open           |
| 0000B-12 | 4/29/22 10:35 | 56.6         | 36.8         | 0.6         | 6.0          | 73                | -9.3                                    |                                          | open           |
| E0FHZ-04 | 4/29/22 11:03 | 41.3         | 27.4         | 1.6         | 29.7         | 70                | 0.0                                     |                                          | open           |
| E000A-16 | 4/29/22 11:11 | 20.4         | 13.1         | 11.5        | 55.0         | 74                | -0.2                                    |                                          | open           |
| E0FHZ-05 | 4/29/22 11:16 | 53.4         | 34.7         | 0.0         | 11.9         | 77                | -0.1                                    |                                          | open           |

Michaels

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 00P1HIGH | 4/4/22 13:17 | 0.0          | 17.0         | 0.6         | 82.4         | 0                 | 0.0                                     |                                          | open           |
| 000P1LOW | 4/4/22 13:20 | 0.0          | 0.2          | 21.1        | 78.7         | 0                 | 0.0                                     |                                          | open           |
| E000MPHZ | 4/4/22 13:38 | 10.2         | 17.6         | 1.7         | 70.5         | 82                | 0.0                                     |                                          | open           |
| EP00B-20 | 4/4/22 13:41 | 1.1          | 1.8          | 20.3        | 76.8         | 74                | -37.6                                   |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

April 2022

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| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EP00B-24 | 4/4/22 13:47 | 10.4         | 4.6          | 18.6        | 66.4         | 71                | -4.5                                    |                                          | open           |
| 000SC-2A | 4/4/22 13:51 | 5.7          | 18.0         | 1.5         | 74.8         | 71                | 0.0                                     |                                          | open           |

Vista

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EP0VA-01 | 4/6/22 6:49  | 62.9         | 32.3         | 0.0         | 4.8          | 45                | -0.2                                    |                                          | open           |
| EPVA-01A | 4/6/22 6:55  | 61.8         | 36.4         | 0.0         | 1.8          | 44                | -22.9                                   |                                          | open           |
| E00VA-02 | 4/6/22 7:08  | 57.8         | 27.8         | 2.3         | 12.1         | 47                | -0.4                                    |                                          | open           |
| EP0VA-03 | 4/6/22 7:19  | 43.7         | 26.4         | 0.0         | 29.9         | 49                | -10.7                                   |                                          | open           |
| EP0VA-3A | 4/6/22 7:28  | 41.4         | 27.1         | 2.9         | 28.6         | 51                | -6.9                                    |                                          | open           |
| EP0VA-04 | 4/6/22 7:41  | 54.8         | 30.7         | 1.1         | 13.4         | 52                | -3.3                                    |                                          | open           |
| E00VA-HZ | 4/6/22 7:51  | 13.8         | 18.6         | 4.5         | 63.1         | 53                | -0.2                                    |                                          | open           |
| P00VA-05 | 4/6/22 7:55  | 66.4         | 26.6         | 1.0         | 6.0          | 54                | -23.8                                   |                                          | open           |
| P00VA-06 | 4/6/22 7:59  | 70.4         | 21.1         | 1.3         | 7.2          | 53                | -39.6                                   |                                          | open           |
| EP0VB-01 | 4/6/22 8:14  | 42.5         | 29.4         | 0.6         | 27.5         | 57                | -21.7                                   |                                          | open           |
| E0VB-02R | 4/6/22 8:19  | 27.1         | 13.6         | 11.6        | 47.7         | 60                | -0.1                                    |                                          | open           |
| 000VB-03 | 4/6/22 8:23  | 56.5         | 34.3         | 0.5         | 8.7          | 59                | -38.6                                   |                                          | open           |
| EP0VB-3A | 4/6/22 8:28  | 33.4         | 20.1         | 8.9         | 37.6         | 62                | -17.5                                   |                                          | open           |
| E00VB-04 | 4/6/22 8:31  | 39.8         | 31.6         | 0.0         | 28.6         | 61                | -17.0                                   |                                          | open           |
| EPVB-05R | 4/6/22 8:36  | 31.5         | 25.3         | 0.0         | 43.2         | 63                | -4.5                                    |                                          | open           |
| E0VB-05A | 4/6/22 8:54  | 54.9         | 35.7         | 0.2         | 9.2          | 67                | -1.3                                    |                                          | open           |
| EPVB-06R | 4/6/22 9:00  | 31.7         | 28.7         | 0.0         | 39.6         | 66                | -2.5                                    |                                          | open           |
| EP0VB-07 | 4/6/22 9:05  | 53.0         | 34.1         | 0.0         | 12.9         | 75                | -2.8                                    |                                          | open           |
| EP0VB-08 | 4/6/22 9:16  | 0.1          | 0.5          | 20.9        | 78.5         | 76                | -34.9                                   |                                          | open           |
| P00VB-09 | 4/6/22 9:23  | 41.2         | 32.0         | 0.0         | 26.8         | 74                | -0.1                                    |                                          | open           |
| EP0VC-01 | 4/6/22 9:31  | 21.6         | 23.6         | 2.6         | 52.2         | 80                | -0.5                                    |                                          | open           |
| EP0VC-02 | 4/6/22 9:36  | 11.4         | 20.1         | 1.1         | 67.4         | 80                | -3.9                                    |                                          | open           |
| EP0VC-03 | 4/6/22 9:47  | 67.9         | 21.9         | 1.4         | 8.8          | 86                | -0.9                                    |                                          | open           |
| 000VC-04 | 4/6/22 9:54  | 48.3         | 34.5         | 0.0         | 17.2         | 78                | -0.4                                    |                                          | open           |
| EP0VC-05 | 4/6/22 10:03 | 33.0         | 20.3         | 3.5         | 43.2         | 81                | -0.7                                    |                                          | open           |
| EP0VC-06 | 4/6/22 10:16 | 57.6         | 22.6         | 2.3         | 17.5         | 86                | -25.7                                   |                                          | open           |
| EP0VC-08 | 4/6/22 10:23 | 44.2         | 21.8         | 5.8         | 28.2         | 87                | -24.6                                   |                                          | open           |
| 000VC-10 | 4/6/22 10:29 | 44.6         | 33.9         | 0.0         | 21.5         | 85                | -25.0                                   |                                          | open           |
| EP0VC-07 | 4/6/22 10:47 | 55.7         | 36.2         | 0.2         | 7.9          | 62                | -2.0                                    |                                          | open           |
| 000VE-03 | 4/6/22 12:27 | 50.0         | 36.9         | 0.0         | 13.1         | 93                | -12.2                                   |                                          | open           |
| EP0VE-01 | 4/6/22 12:31 | 24.0         | 22.5         | 2.9         | 50.6         | 85                | -0.9                                    |                                          | open           |
| EP0VE-04 | 4/6/22 12:37 | 18.6         | 23.2         | 1.1         | 57.1         | 84                | -24.8                                   |                                          | open           |
| EP0VE-05 | 4/6/22 12:42 | 32.1         | 31.0         | 0.0         | 36.9         | 90                | -1.6                                    |                                          | open           |
| EP0VE-06 | 4/6/22 12:47 | 0.0          | 0.2          | 20.9        | 78.9         | 94                | -35.3                                   |                                          | open           |
| EP0VE-07 | 4/6/22 12:54 | 3.7          | 4.3          | 16.8        | 75.2         | 96                | -0.1                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

April 2022

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| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EP0VE-08 | 4/6/22 13:00 | 16.7         | 22.6         | 0.1         | 60.6         | 85                | -0.3                                    |                                          | open           |
| EP0VE-09 | 4/6/22 13:06 | 39.1         | 28.4         | 0.0         | 32.5         | 87                | -0.4                                    |                                          | open           |
| E00VE-10 | 4/6/22 13:12 | 2.0          | 4.1          | 16.1        | 77.8         | 92                | 0.0                                     |                                          | open           |
| 000VE-11 | 4/6/22 13:15 | 45.9         | 33.0         | 0.0         | 21.1         | 87                | -20.3                                   |                                          | open           |
| E00VF-01 | 4/6/22 13:29 | 7.1          | 13.6         | 5.0         | 74.3         | 91                | -0.2                                    |                                          | open           |
| EP0VF-02 | 4/6/22 13:35 | 17.4         | 13.8         | 7.0         | 61.8         | 93                | -0.1                                    |                                          | open           |
| 000VF-03 | 4/6/22 13:44 | 50.6         | 33.9         | 0.0         | 15.5         | 95                | -3.9                                    |                                          | open           |
| EP0VF-04 | 4/6/22 13:59 | 10.2         | 6.8          | 14.9        | 68.1         | 87                | 0.0                                     |                                          | open           |
| EPVF-05R | 4/6/22 14:05 | 34.4         | 23.2         | 0.0         | 42.4         | 90                | -0.8                                    |                                          | open           |
| 000VF-06 | 4/6/22 14:10 | 47.4         | 36.5         | 0.0         | 16.1         | 87                | -0.1                                    |                                          | open           |
| 00VF-07A | 4/6/22 14:14 | 58.1         | 35.4         | 0.0         | 6.5          | 87                | -0.2                                    |                                          | open           |
| EP0VF-07 | 4/7/22 7:19  | 0.0          | 0.0          | 20.8        | 79.2         | 55                | -39.6                                   |                                          | open           |
| EPVF-08R | 4/7/22 7:28  | 57.6         | 32.3         | 1.5         | 8.6          | 55                | -9.0                                    |                                          | open           |
| 000VF-09 | 4/7/22 7:49  | 51.2         | 37.5         | 0.0         | 11.3         | 64                | -0.5                                    |                                          | open           |
| 000VF-10 | 4/7/22 7:57  | 59.8         | 38.2         | 0.1         | 1.9          | 68                | -30.5                                   |                                          | open           |
| 000VF-11 | 4/7/22 8:04  | 45.4         | 35.1         | 0.0         | 19.5         | 59                | -31.1                                   |                                          | open           |
| 00VG-01A | 4/7/22 8:12  | 52.9         | 33.1         | 0.0         | 14.0         | 70                | -1.9                                    |                                          | open           |
| 000VG-01 | 4/7/22 8:20  | 59.7         | 38.0         | 0.1         | 2.2          | 60                | -4.1                                    |                                          | open           |
| P0VG-02R | 4/7/22 8:28  | 56.2         | 30.5         | 1.8         | 11.5         | 70                | -34.3                                   |                                          | open           |
| P0VG-03A | 4/7/22 8:34  | 52.5         | 36.8         | 0.0         | 10.7         | 69                | -2.5                                    |                                          | open           |
| 000VG-03 | 4/7/22 8:39  | 50.8         | 36.1         | 0.0         | 13.1         | 61                | -3.9                                    |                                          | open           |
| 00VG-04A | 4/7/22 8:45  | 48.2         | 32.3         | 0.2         | 19.3         | 76                | -29.2                                   |                                          | open           |
| P00VG-04 | 4/7/22 8:50  | 49.3         | 38.4         | 0.6         | 11.7         | 77                | -1.3                                    |                                          | open           |
| 000VG-05 | 4/7/22 8:57  | 46.8         | 36.5         | 0.0         | 16.7         | 77                | -1.6                                    |                                          | open           |
| 000VG-06 | 4/7/22 9:03  | 49.1         | 38.1         | 0.0         | 12.8         | 75                | -0.3                                    |                                          | open           |
| 000VH-04 | 4/7/22 9:12  | 33.9         | 30.9         | 1.8         | 33.4         | 76                | -1.3                                    |                                          | open           |
| 000VH-02 | 4/7/22 9:23  | 13.8         | 23.6         | 0.0         | 62.6         | 70                | -0.1                                    |                                          | open           |
| 000VH-01 | 4/7/22 9:27  | 52.3         | 30.8         | 0.0         | 16.9         | 73                | -0.5                                    |                                          | open           |
| EP0VH-03 | 4/7/22 9:44  | 13.5         | 15.1         | 7.2         | 64.2         | 77                | -0.2                                    |                                          | open           |
| 000VH-05 | 4/7/22 9:50  | 39.2         | 33.1         | 0.0         | 27.7         | 88                | -1.1                                    |                                          | open           |
| 000VH-06 | 4/7/22 9:59  | 48.5         | 32.9         | 0.3         | 18.3         | 86                | -12.4                                   |                                          | open           |
| P00VH-07 | 4/7/22 10:05 | 52.7         | 35.0         | 0.9         | 11.4         | 83                | -2.4                                    |                                          | open           |
| 000VH-08 | 4/7/22 10:10 | 54.6         | 37.7         | 0.0         | 7.7          | 82                | -0.6                                    |                                          | open           |
| 000VH-10 | 4/7/22 10:17 | 37.8         | 31.4         | 0.0         | 30.8         | 89                | -0.5                                    |                                          | open           |
| 000VH-11 | 4/7/22 10:20 | 38.6         | 26.1         | 0.2         | 35.1         | 84                | -0.6                                    |                                          | open           |
| 000VH-12 | 4/7/22 10:26 | 55.5         | 38.5         | 0.0         | 6.0          | 86                | -0.3                                    |                                          | open           |
| 000VH-13 | 4/7/22 10:30 | 39.3         | 31.7         | 0.0         | 29.0         | 91                | -0.1                                    |                                          | open           |
| P00VJ-01 | 4/7/22 10:38 | 36.1         | 28.9         | 0.0         | 35.0         | 91                | -4.0                                    |                                          | open           |
| E0VJ-03R | 4/7/22 10:41 | 45.3         | 25.5         | 4.9         | 24.3         | 84                | -17.0                                   |                                          | open           |
| EPVJ-02R | 4/7/22 10:46 | 40.4         | 22.8         | 6.6         | 30.2         | 86                | -8.0                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

April 2022

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| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| E0VJ-04A | 4/7/22 12:32 | 42.1         | 31.5         | 0.4         | 26.0         | 85                | -2.8                                    |                                          | open           |
| EPVJ-04R | 4/7/22 12:36 | 47.5         | 33.5         | 0.0         | 19.0         | 95                | -4.3                                    |                                          | open           |
| 000VK-01 | 4/7/22 12:44 | 48.1         | 33.1         | 0.0         | 18.8         | 92                | -35.6                                   |                                          | open           |
| P00VK-02 | 4/7/22 12:48 | 57.9         | 32.7         | 0.1         | 9.3          | 94                | -35.2                                   |                                          | open           |
| EPOVK-05 | 4/7/22 12:53 | 57.4         | 35.6         | 0.1         | 6.9          | 89                | -6.0                                    |                                          | open           |
| EPOVK-04 | 4/7/22 12:56 | 4.1          | 3.0          | 19.8        | 73.1         | 96                | -36.4                                   |                                          | open           |
| EPOVK-03 | 4/7/22 12:59 | 51.7         | 28.7         | 2.0         | 17.6         | 92                | -32.9                                   |                                          | open           |
| E0VJ-05R | 4/7/22 13:03 | 55.6         | 37.8         | 0.0         | 6.6          | 90                | -29.9                                   |                                          | open           |
| EPOVJ-06 | 4/7/22 13:08 | 58.1         | 37.7         | 0.0         | 4.2          | 92                | -34.6                                   |                                          | open           |
| E0VJ-07R | 4/7/22 13:25 | 47.5         | 32.8         | 2.5         | 17.2         | 95                | -14.0                                   |                                          | open           |
| E00VJ-08 | 4/7/22 13:30 | 29.8         | 23.4         | 6.1         | 40.7         | 95                | -3.6                                    |                                          | open           |
| E0VJ-09R | 4/7/22 13:36 | 39.1         | 26.0         | 1.5         | 33.4         | 98                | -13.6                                   |                                          | open           |
| EPVJ-11R | 4/7/22 13:41 | 46.1         | 28.9         | 2.5         | 22.5         | 98                | -0.5                                    |                                          | open           |
| EPOVJ-10 | 4/7/22 13:43 | 41.6         | 23.8         | 3.2         | 31.4         | 94                | -5.5                                    |                                          | open           |
| 000VH-09 | 4/7/22 13:48 | 42.4         | 32.5         | 2.1         | 23.0         | 90                | -9.5                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

April 2022

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CITY OF MOUNTAIN VIEW  
MONTHLY LANDFILL GAS WELL HEAD MONITORING

May 2022  
Back Nine

| Well ID  | Date/Time   | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|-------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPOWA-01 | 5/4/22 4:10 | 54.3         | 38.2         | 1.3         | 6.2          | 75                | -6.0                                    | 0.0                                      | open           |
| EPOWA-02 | 5/4/22 4:15 | 63.3         | 32.7         | 0.3         | 3.7          | 73                | -36.4                                   | 0.0                                      | open           |
| P00WA-04 | 5/4/22 4:20 | 50.6         | 28.6         | 2.5         | 18.3         | 70                | -20.3                                   | 0.0                                      | open           |
| EPOWA-06 | 5/4/22 4:30 | 15.0         | 14.9         | 11.9        | 58.2         | 70                | -21.1                                   | 0.0                                      | open           |
| EPOWA-05 | 5/4/22 4:35 | 28.3         | 15.8         | 12.1        | 43.8         | 66                | 20.2                                    | -0.3                                     | open           |
| P00WA-07 | 5/4/22 4:40 | 35.0         | 29.7         | 0.0         | 35.3         | 71                | -10.5                                   | 0.0                                      | open           |
| EPOWA-08 | 5/4/22 4:45 | 0.0          | 11.4         | 7.2         | 81.4         | 70                | -0.1                                    | 0.0                                      | open           |
| EPOWA-09 | 5/4/22 4:50 | 54.9         | 37.9         | 1.2         | 6.0          | 70                | -11.7                                   | 0.0                                      | open           |
| P00WA-10 | 5/4/22 4:55 | 59.3         | 36.2         | 0.1         | 4.4          | 72                | -1.9                                    | 0.0                                      | open           |
| P00WA-11 | 5/4/22 5:01 | 57.7         | 39.7         | 0.2         | 2.4          | 69                | -2.1                                    | 0.0                                      | open           |
| P00WA-12 | 5/4/22 5:05 | 56.1         | 41.9         | 0.1         | 1.9          | 72                | -1.6                                    | 0.0                                      | open           |
| EPOWA-13 | 5/4/22 5:10 | 59.4         | 36.0         | 0.4         | 4.2          | 68                | -9.6                                    | 0.0                                      | open           |
| E00WA-14 | 5/4/22 5:15 | 0.1          | 1.4          | 20.2        | 78.3         | 71                | -0.1                                    | 0.0                                      | open           |
| EPOWA-15 | 5/4/22 5:25 | 20.2         | 9.1          | 14.9        | 55.8         | 73                | -24.3                                   | 0.0                                      | open           |
| EPOWA-16 | 5/4/22 5:30 | 57.3         | 41.8         | 0.0         | 0.9          | 69                | -0.4                                    | -0.1                                     | open           |
| P00WA-17 | 5/4/22 5:35 | 55.2         | 39.9         | 0.6         | 4.3          | 70                | -1.8                                    | 0.0                                      | open           |
| EPOWA-18 | 5/4/22 5:40 | 50.5         | 25.1         | 4.4         | 20.0         | 71                | -11.5                                   | 0.0                                      | open           |
| EPOWA-19 | 5/4/22 5:45 | 9.2          | 5.5          | 18.4        | 66.9         | 70                | -0.1                                    | 0.0                                      | open           |
| EPOWA-20 | 5/4/22 5:50 | 55.3         | 36.9         | 1.0         | 6.8          | 70                | -5.0                                    | 0.0                                      | open           |
| EPOWA-21 | 5/4/22 5:55 | 51.3         | 32.9         | 0.1         | 15.7         | 70                | -0.2                                    | 0.0                                      | open           |
| EPOWA-22 | 5/4/22 6:01 | 52.3         | 31.0         | 0.2         | 16.5         | 67                | -0.6                                    | 0.0                                      | open           |
| EPOWA-23 | 5/4/22 6:05 | 50.1         | 35.1         | 0.0         | 14.8         | 68                | -0.3                                    | 0.0                                      | open           |
| EPOWB-17 | 5/4/22 6:10 | 37.9         | 27.4         | 0.0         | 34.7         | 69                | -0.7                                    | 0.0                                      | open           |
| EPOWA-24 | 5/4/22 6:20 | 45.5         | 29.3         | 4.8         | 20.4         | 74                | -36.6                                   | 0.0                                      | open           |
| EPOWA-25 | 5/4/22 6:25 | 13.8         | 7.9          | 16.3        | 62.0         | 77                | -0.1                                    | 0.0                                      | open           |
| EPOWA-26 | 5/4/22 6:45 | 54.7         | 37.2         | 1.4         | 6.7          | 73                | -2.7                                    | 0.0                                      | open           |
| EPOWA-27 | 5/4/22 6:55 | 53.2         | 33.1         | 2.6         | 11.1         | 72                | -20.1                                   | 0.0                                      | open           |
| EPOWA-28 | 5/4/22 7:01 | 57.4         | 39.4         | 0.1         | 3.1          | 72                | -1.6                                    | 0.0                                      | open           |
| E00WA-29 | 5/4/22 7:05 | 34.6         | 31.5         | 0.1         | 33.8         | 71                | -2.4                                    | 0.0                                      | open           |
| EPOWB-16 | 5/4/22 7:10 | 4.0          | 7.7          | 11.7        | 76.6         | 48                | -0.8                                    | 0.0                                      | open           |
| EPOWB-15 | 5/4/22 7:15 | 43.5         | 33.2         | 1.7         | 21.6         | 49                | -1.1                                    | 0.0                                      | open           |
| EPOWB-14 | 5/4/22 7:20 | 38.9         | 30.4         | 1.2         | 29.5         | 48                | -0.6                                    | 0.0                                      | open           |
| EPOWB-13 | 5/4/22 7:25 | 30.4         | 29.6         | 0.0         | 40.0         | 47                | -1.2                                    | 0.0                                      | open           |
| EPWB-12A | 5/4/22 7:30 | 39.3         | 32.0         | 0.0         | 28.7         | 46                | -0.6                                    | 0.0                                      | open           |
| EPOWB-12 | 5/4/22 7:40 | 29.2         | 26.6         | 2.2         | 42.0         | 45                | -3.2                                    | 0.0                                      | open           |
| EPOWB-11 | 5/4/22 7:45 | 0.3          | 0.2          | 20.5        | 79.0         | 48                | -14.0                                   | 0.0                                      | open           |
| E00WB-10 | 5/4/22 7:50 | 29.0         | 6.5          | 12.4        | 52.1         | 54                | -11.4                                   | 0.0                                      | open           |
| EPOWB-09 | 5/4/22 7:55 | 51.9         | 31.3         | 2.4         | 14.4         | 55                | -7.8                                    | 0.0                                      | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPOWB-08 | 5/4/22 8:05  | 62.4         | 37.6         | 0.0         | 0.0          | 54                | -22.4                                   | 0.0                                      | open           |
| EPOWB-07 | 5/4/22 8:10  | 34.1         | 25.2         | 6.9         | 33.8         | 60                | -5.6                                    | 0.0                                      | open           |
| EPWB-07A | 5/4/22 8:15  | 40.4         | 26.4         | 7.3         | 25.9         | 61                | -0.3                                    | 0.0                                      | open           |
| EPOWB-06 | 5/4/22 8:20  | 23.1         | 23.0         | 6.3         | 47.6         | 66                | -0.8                                    | 0.0                                      | open           |
| EPWB-06A | 5/4/22 8:25  | 39.3         | 31.7         | 0.8         | 28.2         | 61                | -1.7                                    | 0.0                                      | open           |
| EPOWB-05 | 5/4/22 8:30  | 41.3         | 27.1         | 1.2         | 30.4         | 54                | -5.6                                    | 0.0                                      | open           |
| EPWB-05A | 5/4/22 8:35  | 52.9         | 28.5         | 0.0         | 18.6         | 57                | -0.3                                    | 0.0                                      | open           |
| EPOWB-04 | 5/4/22 8:45  | 0.1          | 0.1          | 20.8        | 79.0         | 55                | -30.2                                   | 0.0                                      | open           |
| E00WB-03 | 5/4/22 8:50  | 0.0          | 0.2          | 20.5        | 79.3         | 54                | -1.0                                    | 0.0                                      | open           |
| E00WB-02 | 5/4/22 8:55  | 1.4          | 1.0          | 20.6        | 77.0         | 65                | -8.5                                    | 0.0                                      | open           |
| EPOWB-01 | 5/4/22 9:05  | 59.0         | 36.6         | 0.2         | 4.2          | 59                | -0.1                                    | 0.0                                      | open           |
| P00WC-01 | 5/4/22 9:10  | 52.5         | 27.2         | 4.0         | 16.3         | 60                | -27.1                                   | 0.0                                      | open           |
| P00WC-02 | 5/4/22 9:20  | 54.7         | 27.8         | 2.5         | 15.0         | 68                | -1.9                                    | 0.0                                      | open           |
| P00WC-03 | 5/4/22 9:25  | 59.0         | 36.7         | 0.4         | 3.9          | 65                | -0.4                                    | 0.0                                      | open           |
| P00WC-04 | 5/4/22 9:30  | 48.9         | 25.2         | 2.0         | 23.9         | 65                | -27.9                                   | 0.0                                      | open           |
| P00WF-02 | 5/4/22 9:45  | 49.8         | 30.8         | 3.2         | 16.2         | 74                | -4.6                                    | 0.0                                      | open           |
| P00WD-04 | 5/4/22 9:50  | 61.9         | 37.2         | 0.0         | 0.9          | 70                | -10.5                                   | 0.0                                      | open           |
| EPOWD-03 | 5/4/22 9:55  | 63.2         | 32.9         | 0.3         | 3.6          | 69                | -6.5                                    | 0.0                                      | open           |
| P00WD-02 | 5/4/22 10:05 | 63.6         | 24.3         | 1.8         | 10.3         | 63                | -5.6                                    | 0.0                                      | open           |
| P00WD-01 | 5/4/22 10:10 | 65.5         | 32.0         | 0.0         | 2.5          | 61                | -15.9                                   | 0.0                                      | open           |
| POWE-01A | 5/4/22 10:15 | 42.1         | 31.2         | 3.5         | 23.2         | 70                | -31.1                                   | 0.0                                      | open           |
| P00WE-01 | 5/4/22 10:20 | 48.2         | 30.0         | 0.0         | 21.8         | 63                | -26.8                                   | 0.0                                      | open           |
| P00WE-02 | 5/4/22 10:25 | 54.5         | 37.4         | 0.2         | 7.9          | 68                | -1.3                                    | 0.0                                      | open           |
| P00WE-03 | 5/4/22 10:35 | 47.5         | 24.6         | 4.6         | 23.3         | 63                | -1.2                                    | 0.0                                      | open           |
| P00WE-04 | 5/4/22 10:40 | 57.3         | 37.8         | 0.2         | 4.7          | 70                | -18.0                                   | 0.0                                      | open           |
| P00WE-05 | 5/4/22 10:45 | 61.6         | 36.8         | 0.0         | 1.6          | 67                | -7.9                                    | 0.0                                      | open           |
| P00WF-01 | 5/4/22 10:50 | 59.2         | 36.0         | 0.0         | 4.8          | 74                | -0.7                                    | 0.0                                      | open           |
| E00WN-13 | 5/4/22 11:00 | 3.2          | 3.5          | 18.7        | 74.6         | 69                | -34.0                                   | 0.0                                      | open           |
| EPOWN-12 | 5/4/22 11:05 | 54.5         | 37.3         | 1.4         | 6.8          | 67                | -0.9                                    | 0.0                                      | open           |
| E00WN-11 | 5/4/22 11:10 | 59.9         | 38.9         | 0.1         | 1.1          | 67                | -3.7                                    | 0.0                                      | open           |
| E00WN-10 | 5/4/22 11:16 | 58.0         | 41.2         | 0.0         | 0.8          | 66                | -3.8                                    | 0.0                                      | open           |
| EPOWN-09 | 5/4/22 11:20 | 59.1         | 39.1         | 0.1         | 1.7          | 67                | -12.4                                   | 0.0                                      | open           |
| EPOWN-08 | 5/4/22 11:30 | 37.4         | 31.7         | 0.7         | 30.2         | 67                | -2.3                                    | 0.0                                      | open           |
| E00WN-07 | 5/4/22 11:35 | 53.8         | 40.6         | 0.8         | 4.8          | 66                | -1.9                                    | 0.0                                      | open           |
| E00WN-06 | 5/4/22 11:40 | 58.5         | 38.6         | 0.4         | 2.5          | 66                | -1.7                                    | 0.0                                      | open           |
| EPOWN-05 | 5/4/22 11:45 | 57.5         | 39.0         | 0.2         | 3.3          | 67                | -19.7                                   | 0.0                                      | open           |
| EPWN-04A | 5/4/22 11:50 | 55.8         | 33.6         | 0.0         | 10.6         | 66                | -35.1                                   | 0.0                                      | open           |
| EPOWN-01 | 5/4/22 12:01 | 59.6         | 32.7         | 1.4         | 6.3          | 65                | -35.8                                   | 0.0                                      | open           |
| EPWN-03R | 5/4/22 12:05 | 0.1          | 0.5          | 20.8        | 78.6         | 65                | -36.3                                   | 0.0                                      | open           |
| E00WN-02 | 5/4/22 12:10 | 56.0         | 36.2         | 0.0         | 7.8          | 65                | -34.5                                   | 0.0                                      | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

May 2022

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| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPOWN-04 | 5/4/22 12:15 | 42.3         | 31.1         | 1.4         | 25.2         | 66                | -7.2                                    | 0.0                                      | open           |

Cell 6ANE

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 00NED-02 | 5/3/22 1:00  | 38.6         | 34.4         | 0.0         | 27.0         | 80                | -1.7                                    |                                          | open           |
| 00NED-03 | 5/3/22 1:08  | 36.1         | 26.6         | 0.0         | 37.3         | 78                | -1.1                                    |                                          | open           |
| 00NEE-01 | 5/3/22 1:15  | 55.9         | 40.4         | 0.0         | 3.7          | 82                | -14.6                                   |                                          | open           |
| E0NEE-02 | 5/3/22 1:22  | 57.5         | 37.0         | 0.0         | 5.5          | 79                | -28.0                                   |                                          | open           |
| E0NEE-03 | 5/3/22 1:36  | 23.3         | 22.4         | 3.0         | 51.3         | 79                | -0.1                                    |                                          | open           |
| E0NEE-04 | 5/3/22 1:43  | 55.5         | 31.7         | 0.0         | 12.8         | 79                | -28.5                                   |                                          | open           |
| E0NEE-05 | 5/3/22 1:50  | 28.8         | 26.5         | 0.0         | 44.7         | 81                | -0.4                                    |                                          | open           |
| E0NEE-06 | 5/3/22 1:57  | 43.7         | 34.5         | 0.0         | 21.8         | 82                | -4.6                                    |                                          | open           |
| E0NEA-01 | 5/3/22 6:55  | 0.1          | 0.1          | 20.8        | 79.0         | 54                | -6.5                                    |                                          | open           |
| E0NEA-02 | 5/3/22 7:02  | 11.4         | 8.1          | 16.8        | 63.7         | 55                | -37.0                                   |                                          | open           |
| E0NEA-03 | 5/3/22 7:08  | 55.7         | 29.0         | 2.2         | 13.1         | 55                | -3.9                                    |                                          | open           |
| E0NEA-04 | 5/3/22 7:15  | 49.1         | 30.9         | 4.3         | 15.7         | 54                | -3.1                                    |                                          | open           |
| E0NEA-05 | 5/3/22 7:22  | 40.3         | 30.8         | 1.0         | 27.9         | 57                | -1.9                                    |                                          | open           |
| E0NEA-06 | 5/3/22 7:31  | 18.9         | 21.1         | 1.4         | 58.6         | 54                | -0.3                                    |                                          | open           |
| E0NEA-07 | 5/3/22 7:38  | 59.2         | 40.8         | 0.0         | 0.0          | 57                | -0.4                                    |                                          | open           |
| E0NEA-08 | 5/3/22 7:46  | 47.6         | 37.0         | 1.3         | 14.1         | 60                | -4.1                                    |                                          | open           |
| E0NEA-09 | 5/3/22 7:53  | 58.3         | 41.7         | 0.0         | 0.0          | 59                | -1.7                                    |                                          | open           |
| 00NEA-10 | 5/3/22 8:01  | 57.1         | 39.9         | 0.0         | 3.0          | 59                | -5.2                                    |                                          | open           |
| E0NEA-11 | 5/3/22 8:10  | 49.2         | 37.2         | 0.0         | 13.6         | 58                | -3.8                                    |                                          | open           |
| 00NEA-12 | 5/3/22 8:17  | 48.9         | 34.7         | 3.2         | 13.2         | 60                | -2.4                                    |                                          | open           |
| E0NEA-13 | 5/3/22 8:24  | 12.0         | 6.0          | 18.6        | 63.4         | 60                | -3.7                                    |                                          | open           |
| 00NEA-14 | 5/3/22 8:31  | 57.6         | 38.8         | 0.6         | 3.0          | 62                | -37.3                                   |                                          | open           |
| E0NEA-15 | 5/3/22 8:37  | 58.4         | 41.0         | 0.0         | 0.6          | 62                | -37.2                                   |                                          | open           |
| ENE-16A  | 5/3/22 8:44  | 58.4         | 41.6         | 0.0         | 0.0          | 62                | -37.0                                   |                                          | open           |
| E0NEB-01 | 5/3/22 9:14  | 45.9         | 25.2         | 5.9         | 23.0         | 79                | -17.2                                   |                                          | open           |
| E0NEB-02 | 5/3/22 9:21  | 0.1          | 0.5          | 20.7        | 78.7         | 65                | -37.1                                   |                                          | open           |
| E0NEB-03 | 5/3/22 9:28  | 42.6         | 31.3         | 1.2         | 24.9         | 64                | -0.1                                    |                                          | open           |
| E0NEB-04 | 5/3/22 9:35  | 0.5          | 1.1          | 20.7        | 77.7         | 66                | -0.2                                    |                                          | open           |
| E0NEB-05 | 5/3/22 9:41  | 34.5         | 29.4         | 0.0         | 36.1         | 67                | -0.1                                    |                                          | open           |
| E0NEB-06 | 5/3/22 9:47  | 51.0         | 38.9         | 0.0         | 10.1         | 67                | -1.6                                    |                                          | open           |
| E0NEB-07 | 5/3/22 9:53  | 44.3         | 36.4         | 0.0         | 19.3         | 68                | -0.1                                    |                                          | open           |
| E0NEB-08 | 5/3/22 9:59  | 42.4         | 34.5         | 0.0         | 23.1         | 68                | -0.3                                    |                                          | open           |
| 00NEB-09 | 5/3/22 10:08 | 31.5         | 32.1         | 0.0         | 36.4         | 67                | -0.6                                    |                                          | open           |
| E0NEB-10 | 5/3/22 10:15 | 32.4         | 32.0         | 0.0         | 35.6         | 67                | -7.1                                    |                                          | open           |
| E0NEB-11 | 5/3/22 10:21 | 44.9         | 36.9         | 0.0         | 18.2         | 67                | -8.9                                    |                                          | open           |
| E0NEB-12 | 5/3/22 10:28 | 38.3         | 30.8         | 2.8         | 28.1         | 75                | -1.8                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| E0NEB-13 | 5/3/22 10:34 | 4.3          | 9.5          | 13.7        | 72.5         | 71                | -0.1                                    |                                          | open           |
| EPNEB-14 | 5/3/22 10:41 | 7.0          | 12.4         | 12.9        | 67.7         | 74                | -2.3                                    |                                          | open           |
| E0NEC-01 | 5/3/22 12:29 | 29.9         | 32.2         | 0.1         | 37.8         | 79                | -14.4                                   |                                          | open           |
| E0NEC-02 | 5/3/22 12:36 | 31.0         | 29.9         | 0.7         | 38.4         | 81                | -2.6                                    |                                          | open           |
| E0NEC-03 | 5/3/22 12:43 | 30.4         | 26.6         | 4.6         | 38.4         | 82                | -0.4                                    |                                          | open           |
| EPNED-01 | 5/3/22 12:50 | 0.0          | 0.0          | 20.8        | 79.2         | 80                | -10.6                                   |                                          | open           |

Crittenden

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPCRA-01 | 5/10/22 8:25  | 58.6         | 39.2         | 0.0         | 2.2          | 59                | -0.5                                    | 0.0                                      | open           |
| EPCRA02R | 5/10/22 8:34  | 56.9         | 43.1         | 0.0         | 0.0          | 62                | -0.1                                    | 0.0                                      | open           |
| EPCRA-03 | 5/10/22 8:47  | 58.0         | 40.7         | 0.0         | 1.3          | 63                | -0.5                                    | 0.0                                      | open           |
| EPCRA-04 | 5/10/22 8:51  | 46.2         | 31.7         | 4.6         | 17.5         | 70                | -0.4                                    | 0.0                                      | open           |
| ECRA-05R | 5/10/22 9:07  | 51.5         | 29.8         | 0.0         | 18.7         | 67                | -0.1                                    | 0.0                                      | open           |
| EPCRA-06 | 5/10/22 9:12  | 52.7         | 33.5         | 0.0         | 13.8         | 61                | -0.1                                    | 0.0                                      | open           |
| EPCRA-07 | 5/10/22 9:16  | 57.9         | 33.6         | 0.0         | 8.5          | 60                | -0.1                                    | 0.0                                      | open           |
| EPCRA-08 | 5/10/22 9:24  | 59.1         | 40.3         | 0.0         | 0.6          | 61                | -1.9                                    | 0.0                                      | open           |
| EPCRA-09 | 5/10/22 9:47  | 35.4         | 27.5         | 6.7         | 30.4         | 58                | -0.5                                    | 0.0                                      | open           |
| EPCRA-10 | 5/10/22 9:57  | 33.8         | 20.6         | 9.3         | 36.3         | 65                | -2.8                                    | 0.0                                      | open           |
| E0CRA-13 | 5/10/22 10:22 | 54.8         | 35.1         | 1.0         | 9.1          | 64                | -9.7                                    | 0.0                                      | open           |
| 00CRA-12 | 5/10/22 10:26 | 59.7         | 33.3         | 0.0         | 7.0          | 66                | -13.7                                   | 0.0                                      | open           |
| 00CRA-11 | 5/10/22 10:34 | 59.6         | 37.6         | 0.0         | 2.8          | 66                | -13.2                                   | 0.0                                      | open           |
| EPCRB-01 | 5/10/22 10:39 | 28.6         | 28.9         | 2.3         | 40.2         | 68                | -8.7                                    | 0.0                                      | open           |
| 00CRC-04 | 5/10/22 10:45 | 49.6         | 27.7         | 1.8         | 20.9         | 71                | -7.0                                    | 0.0                                      | open           |
| EPCRB-02 | 5/10/22 10:50 | 45.1         | 30.4         | 2.3         | 22.2         | 69                | -4.0                                    | 0.0                                      | open           |
| 00CRC-03 | 5/10/22 10:54 | 56.7         | 32.9         | 0.0         | 10.4         | 75                | -5.2                                    | 0.0                                      | open           |
| EPCRB-03 | 5/10/22 10:59 | 58.3         | 30.5         | 0.0         | 11.2         | 68                | -4.9                                    | 0.0                                      | open           |
| EPCRB-04 | 5/10/22 11:03 | 20.4         | 11.2         | 13.7        | 54.7         | 62                | -5.3                                    | 0.0                                      | open           |
| EPCRB-05 | 5/10/22 11:07 | 28.8         | 9.4          | 12.0        | 49.8         | 70                | -4.0                                    | 0.0                                      | open           |
| 00CRC-02 | 5/10/22 11:13 | 55.0         | 28.1         | 0.0         | 16.9         | 66                | -7.0                                    | 0.0                                      | open           |
| EPCRB-06 | 5/10/22 11:17 | 26.4         | 16.9         | 6.2         | 50.5         | 66                | -2.7                                    | 0.0                                      | open           |
| EPCRB07R | 5/10/22 11:21 | 61.4         | 33.9         | 0.0         | 4.7          | 65                | -12.8                                   | 0.0                                      | open           |
| 00CRC-01 | 5/10/22 11:27 | 47.8         | 24.1         | 3.5         | 24.6         | 70                | -1.4                                    | 0.0                                      | open           |
| E0CRB-08 | 5/10/22 11:31 | 0.1          | 0.6          | 20.8        | 78.5         | 69                | -9.1                                    | 0.0                                      | open           |
| E0CRD-11 | 5/10/22 11:38 | 5.2          | 2.1          | 20.8        | 71.9         | 68                | -5.4                                    | 0.0                                      | open           |
| E0CRD-01 | 5/10/22 12:45 | 49.3         | 30.7         | 1.3         | 18.7         | 67                | -13.4                                   | 0.0                                      | open           |
| 00CRD-02 | 5/10/22 12:48 | 57.8         | 31.7         | 0.1         | 10.4         | 65                | -5.3                                    | 0.0                                      | open           |
| E0CRD-03 | 5/10/22 12:53 | 56.8         | 37.2         | 0.0         | 6.0          | 68                | -13.8                                   | 0.0                                      | open           |
| 00CRD-04 | 5/10/22 12:58 | 59.7         | 33.5         | 0.0         | 6.8          | 73                | -11.1                                   | 0.0                                      | open           |
| E0CRD-05 | 5/10/22 13:03 | 24.1         | 11.5         | 12.4        | 52.0         | 74                | -3.3                                    | 0.0                                      | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 00CRD-06 | 5/10/22 13:09 | 58.4         | 31.0         | 1.3         | 9.3          | 66                | -10.3                                   | 0.0                                      | open           |
| 00CRD-07 | 5/10/22 13:21 | 38.5         | 23.5         | 4.2         | 33.8         | 84                | -0.2                                    | 0.0                                      | open           |
| E0CRD-08 | 5/10/22 13:28 | 7.8          | 3.8          | 19.3        | 69.1         | 87                | -11.1                                   | 0.0                                      | open           |
| E0CRD-09 | 5/10/22 13:35 | 37.9         | 24.0         | 6.2         | 31.9         | 76                | -12.5                                   | 0.0                                      | open           |
| E0CRD-10 | 5/10/22 13:41 | 50.4         | 26.2         | 0.0         | 23.4         | 71                | -9.9                                    | 0.0                                      | open           |

Front Nine

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 0000A-05 | 5/9/22 7:10  | 55.0         | 34.1         | 2.0         | 8.9          | 50                | -2.5                                    | 0.0                                      | open           |
| EP00B-28 | 5/9/22 7:30  | 0.1          | 1.5          | 20.8        | 77.6         | 55                | -1.5                                    | 0.0                                      | open           |
| EP00Y-01 | 5/9/22 7:38  | 0.1          | 0.5          | 20.7        | 78.7         | 54                | -0.8                                    | 0.0                                      | open           |
| EP0LE-01 | 5/9/22 7:51  | 4.6          | 13.3         | 3.4         | 78.7         | 62                | -0.1                                    | 0.0                                      | open           |
| E000Y-06 | 5/9/22 8:01  | 8.8          | 2.8          | 19.9        | 68.5         | 55                | -5.1                                    | 0.0                                      | open           |
| EP00Y-05 | 5/9/22 8:05  | 0.1          | 2.9          | 18.1        | 78.9         | 55                | -0.1                                    | 0.0                                      | open           |
| EP00Y-04 | 5/9/22 8:15  | 0.8          | 1.2          | 20.6        | 77.4         | 58                | -0.1                                    | 0.0                                      | open           |
| EP00Y-03 | 5/9/22 8:20  | 0.0          | 0.0          | 20.7        | 79.3         | 61                | -35.3                                   | 0.0                                      | open           |
| EP00Y-02 | 5/9/22 8:25  | 9.5          | 17.0         | 6.2         | 67.3         | 59                | -0.1                                    | 0.0                                      | open           |
| EP0LE-02 | 5/9/22 8:30  | 2.7          | 2.1          | 19.8        | 75.4         | 58                | -0.1                                    | 0.0                                      | open           |
| EP0LE-03 | 5/9/22 8:35  | 4.7          | 2.1          | 20.2        | 73.0         | 59                | -0.1                                    | 0.0                                      | open           |
| EP0LE-04 | 5/9/22 8:40  | 0.1          | 0.1          | 20.8        | 79.0         | 63                | -16.0                                   | 0.0                                      | open           |
| EP00B-02 | 5/9/22 8:45  | 7.8          | 3.5          | 19.6        | 69.1         | 60                | -0.2                                    | 0.0                                      | open           |
| E000B-03 | 5/9/22 8:55  | 37.3         | 17.9         | 9.1         | 35.7         | 65                | -0.1                                    | 0.0                                      | open           |
| 000B-04R | 5/9/22 9:01  | 38.5         | 24.1         | 4.1         | 33.3         | 65                | -0.1                                    | 0.0                                      | open           |
| E0FHZ-01 | 5/9/22 9:15  | 34.9         | 27.5         | 3.6         | 34.0         | 60                | -0.2                                    | 0.0                                      | open           |
| E0FHZ-02 | 5/9/22 9:22  | 57.1         | 38.6         | 0.0         | 4.3          | 54                | -0.1                                    | 0.0                                      | open           |
| E0FHZ-03 | 5/9/22 9:30  | 35.3         | 29.1         | 3.8         | 31.8         | 57                | -0.1                                    | 0.0                                      | open           |
| 0000B-12 | 5/9/22 9:35  | 44.5         | 29.1         | 4.6         | 21.8         | 56                | -6.0                                    | 0.0                                      | open           |
| E0FHZ-04 | 5/9/22 9:45  | 6.7          | 11.2         | 11.2        | 70.9         | 68                | -0.1                                    | 0.0                                      | open           |
| E000A-16 | 5/9/22 9:50  | 14.9         | 10.5         | 12.3        | 62.3         | 59                | -14.0                                   | 0.0                                      | open           |
| E0FHZ-05 | 5/9/22 10:01 | 41.6         | 31.7         | 0.0         | 26.7         | 56                | -0.1                                    | 0.0                                      | open           |

Michaels

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 00P1HIGH | 5/5/22 1:00  | 0.0          | 17.9         | 1.7         | 80.4         | 0                 | 0.0                                     | 0.0                                      | open           |
| 000P1LOW | 5/5/22 1:05  | 0.0          | 0.0          | 20.8        | 79.2         | 0                 | 0.0                                     | 0.0                                      | open           |
| E000MPHZ | 5/5/22 12:30 | 11.5         | 19.3         | 1.4         | 67.8         | 69                | -0.1                                    | 0.0                                      | open           |
| EP00B-20 | 5/5/22 12:40 | 0.0          | 0.4          | 20.8        | 78.8         | 73                | -33.6                                   | 0.0                                      | open           |
| EP00B-24 | 5/5/22 12:48 | 7.0          | 3.1          | 19.2        | 70.7         | 72                | -33.9                                   | 0.0                                      | open           |
| 000SC-2A | 5/5/22 12:55 | 8.0          | 21.8         | 0.7         | 69.5         | 0                 | -0.1                                    | 0.0                                      | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID         | Date/Time          | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|-----------------|--------------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| Vista           |                    |              |              |             |              |                   |                                         |                                          |                |
| Well ID         | Date/Time          | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
| EP0VE-01        | 5/3/22 7:45        | 25.2         | 21.8         | 3.0         | 50.0         | 62                | -0.8                                    |                                          | open           |
| <b>000VE-03</b> | <b>5/3/22 7:50</b> | <b>46.3</b>  | <b>35.4</b>  | <b>0.2</b>  | <b>18.1</b>  | <b>66</b>         | <b>-12.4</b>                            | <b>-12.5</b>                             | <b>open</b>    |
| EP0VE-04        | 5/3/22 7:57        | 6.1          | 4.9          | 18.6        | 70.4         | 66                | -38.2                                   |                                          | open           |
| EP0VE-05        | 5/3/22 8:04        | 29.5         | 28.8         | 0.0         | 41.7         | 73                | -1.8                                    |                                          | open           |
| EPVA-01A        | 5/3/22 8:06        | 25.3         | 13.6         | 12.8        | 48.3         | 62                | -19.8                                   |                                          | open           |
| EP0VA-01        | 5/3/22 8:14        | 56.8         | 33.8         | 0.0         | 9.4          | 60                | -0.3                                    |                                          | open           |
| EP0VE-06        | 5/3/22 8:16        | 15.4         | 26.0         | 0.0         | 58.6         | 71                | -2.1                                    |                                          | open           |
| E00VA-02        | 5/3/22 8:23        | 59.8         | 30.3         | 1.1         | 8.8          | 66                | -0.7                                    |                                          | open           |
| EP0VE-07        | 5/3/22 8:26        | 0.0          | 0.2          | 20.7        | 79.1         | 73                | 0.0                                     |                                          | open           |
| EP0VA-03        | 5/3/22 8:29        | 44.6         | 26.0         | 0.0         | 29.4         | 67                | -10.5                                   |                                          | open           |
| EP0VE-08        | 5/3/22 8:35        | 14.4         | 21.7         | 0.3         | 63.6         | 71                | -0.3                                    |                                          | open           |
| EP0VA-03        | 5/3/22 8:36        | 29.3         | 18.7         | 9.0         | 43.0         | 69                | -6.7                                    |                                          | open           |
| P00VG-04        | 5/3/22 8:43        | 51.0         | 40.3         | 0.6         | 8.1          | 67                | -1.2                                    |                                          | open           |
| EP0VE-09        | 5/3/22 8:44        | 36.7         | 27.0         | 0.0         | 36.3         | 69                | -0.4                                    |                                          | open           |
| EP0VA-04        | 5/3/22 8:48        | 53.5         | 29.4         | 1.7         | 15.4         | 75                | -3.0                                    |                                          | open           |
| 000VG-05        | 5/3/22 8:49        | 47.0         | 37.0         | 0.0         | 16.0         | 68                | -1.7                                    |                                          | open           |
| E00VE-10        | 5/3/22 8:53        | 1.0          | 1.4          | 20.5        | 77.1         | 71                | -0.1                                    |                                          | open           |
| 000VG-06        | 5/3/22 8:56        | 51.0         | 39.1         | 0.0         | 9.9          | 68                | -0.2                                    |                                          | open           |
| 000VE-11        | 5/3/22 9:00        | 45.5         | 32.3         | 0.3         | 21.9         | 66                | -20.6                                   |                                          | open           |
| E00VA-HZ        | 5/3/22 9:00        | 12.2         | 17.5         | 4.5         | 65.8         | 73                | -0.2                                    |                                          | open           |
| P00VA-05        | 5/3/22 9:06        | 66.2         | 26.3         | 1.0         | 6.5          | 74                | -24.7                                   |                                          | open           |
| P00VA-06        | 5/3/22 9:12        | 71.9         | 21.0         | 1.0         | 6.1          | 71                | -38.2                                   |                                          | open           |
| E00VF-01        | 5/3/22 9:16        | 6.9          | 12.2         | 7.4         | 73.5         | 75                | -0.2                                    |                                          | open           |
| EP0VF-02        | 5/3/22 9:23        | 17.4         | 13.1         | 8.1         | 61.4         | 76                | -0.1                                    |                                          | open           |
| EP0VB-01        | 5/3/22 9:35        | 47.3         | 30.4         | 0.3         | 22.0         | 69                | -21.1                                   |                                          | open           |
| 000VF-03        | 5/3/22 9:43        | 51.6         | 32.7         | 0.0         | 15.7         | 74                | -4.1                                    |                                          | open           |
| E0VB-02R        | 5/3/22 9:43        | 26.7         | 13.4         | 10.9        | 49.0         | 69                | -0.2                                    |                                          | open           |
| 000VH-04        | 5/3/22 9:48        | 35.2         | 29.9         | 3.1         | 31.8         | 73                | -1.3                                    |                                          | open           |
| EP0VF-04        | 5/3/22 9:48        | 10.5         | 5.9          | 16.8        | 66.8         | 82                | 0.0                                     |                                          | open           |
| 000VB-03        | 5/3/22 9:52        | 52.5         | 32.4         | 0.2         | 14.9         | 77                | -37.0                                   |                                          | open           |
| 000VB-03        | 5/3/22 9:57        | 31.7         | 19.5         | 7.1         | 41.7         | 78                | -16.6                                   |                                          | open           |
| 000VH-02        | 5/3/22 9:58        | 16.2         | 24.2         | 0.0         | 59.6         | 70                | -0.1                                    |                                          | open           |
| EPVF-05R        | 5/3/22 10:03       | 29.2         | 22.3         | 0.1         | 48.4         | 82                | -0.9                                    |                                          | open           |
| 000VH-01        | 5/3/22 10:05       | 56.0         | 32.5         | 0.0         | 11.5         | 70                | -0.5                                    |                                          | open           |
| EP0VF-07        | 5/3/22 10:08       | 57.0         | 30.8         | 2.2         | 10.0         | 82                | -11.4                                   |                                          | open           |
| EP0VH-03        | 5/3/22 10:09       | 10.2         | 11.8         | 11.2        | 66.8         | 71                | -0.2                                    |                                          | open           |
| 000VF-06        | 5/3/22 10:13       | 50.4         | 37.3         | 0.0         | 12.3         | 90                | -0.1                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 000VH-05 | 5/3/22 10:16 | 38.1         | 33.9         | 0.0         | 28.0         | 72                | -1.1                                    |                                          | open           |
| 00VF-07A | 5/3/22 10:19 | 58.3         | 34.8         | 0.0         | 6.9          | 83                | -0.5                                    |                                          | open           |
| 000VH-06 | 5/3/22 10:25 | 47.2         | 33.8         | 0.5         | 18.5         | 76                | -12.3                                   |                                          | open           |
| EPVF-08R | 5/3/22 10:28 | 54.9         | 31.9         | 1.6         | 11.6         | 83                | -8.1                                    |                                          | open           |
| P00VH-07 | 5/3/22 10:35 | 52.7         | 35.7         | 0.7         | 10.9         | 90                | -2.3                                    |                                          | open           |
| E00VB-04 | 5/3/22 10:38 | 39.0         | 30.9         | 0.0         | 30.1         | 83                | -16.6                                   |                                          | open           |
| 000VH-08 | 5/3/22 10:40 | 54.6         | 37.8         | 0.0         | 7.6          | 85                | -2.5                                    |                                          | open           |
| 000VF-09 | 5/3/22 10:41 | 52.9         | 37.4         | 0.0         | 9.7          | 84                | -0.2                                    |                                          | open           |
| 000VH-09 | 5/3/22 10:42 | 44.3         | 32.2         | 4.5         | 19.0         | 70                | -0.1                                    |                                          | open           |
| EPVB-05R | 5/3/22 10:43 | 31.3         | 24.9         | 0.0         | 43.8         | 80                | -4.1                                    |                                          | open           |
| 000VH-10 | 5/3/22 10:44 | 48.7         | 34.4         | 0.0         | 16.9         | 69                | -0.4                                    |                                          | open           |
| 000VH-12 | 5/3/22 10:50 | 56.0         | 37.9         | 0.2         | 5.9          | 71                | -0.6                                    |                                          | open           |
| E0VB-05A | 5/3/22 10:50 | 53.6         | 34.9         | 0.0         | 11.5         | 84                | -1.0                                    |                                          | open           |
| 000VF-10 | 5/3/22 10:51 | 59.2         | 37.5         | 0.0         | 3.3          | 84                | -27.9                                   |                                          | open           |
| 000VH-11 | 5/3/22 10:57 | 27.2         | 26.3         | 0.4         | 46.1         | 81                | -0.6                                    |                                          | open           |
| 000VF-11 | 5/3/22 10:58 | 46.0         | 32.9         | 0.0         | 21.1         | 83                | -29.1                                   |                                          | open           |
| 000VH-13 | 5/3/22 11:03 | 33.4         | 31.5         | 0.0         | 35.1         | 87                | -0.1                                    |                                          | open           |
| EPVB-06R | 5/3/22 11:06 | 31.3         | 28.2         | 0.2         | 40.3         | 81                | -2.5                                    |                                          | open           |
| EP0VB-07 | 5/3/22 11:12 | 53.0         | 35.2         | 0.0         | 11.8         | 90                | -2.7                                    |                                          | open           |
| EPVJ-02R | 5/3/22 11:17 | 44.7         | 27.1         | 5.5         | 22.7         | 82                | -8.0                                    |                                          | open           |
| P00VB-09 | 5/3/22 11:22 | 40.3         | 31.2         | 0.0         | 28.5         | 88                | -0.1                                    |                                          | open           |
| E0VJ-03R | 5/3/22 11:24 | 40.1         | 21.8         | 7.7         | 30.4         | 81                | -14.4                                   |                                          | open           |
| EP0VC-01 | 5/3/22 11:25 | 0.5          | 0.5          | 20.8        | 78.2         | 88                | -0.1                                    |                                          | open           |
| P00VJ-01 | 5/3/22 11:30 | 41.2         | 30.6         | 0.0         | 28.2         | 82                | -3.0                                    |                                          | open           |
| EP0VB-08 | 5/3/22 11:33 | 0.0          | 0.6          | 20.8        | 78.6         | 102               | -34.7                                   |                                          | open           |
| E0VJ-04A | 5/3/22 11:35 | 39.2         | 31.1         | 0.6         | 29.1         | 82                | -2.9                                    |                                          | open           |
| EPVJ-04R | 5/3/22 11:41 | 47.2         | 34.8         | 0.0         | 18.0         | 78                | -4.4                                    |                                          | open           |
| E0VJ-05R | 5/3/22 11:54 | 56.0         | 40.9         | 0.0         | 3.1          | 81                | -29.8                                   |                                          | open           |
| EP0VJ-06 | 5/3/22 12:00 | 57.9         | 38.7         | 0.3         | 3.1          | 75                | -34.3                                   |                                          | open           |
| E0VJ-07R | 5/3/22 12:07 | 53.8         | 38.0         | 0.5         | 7.7          | 79                | -12.3                                   |                                          | open           |
| 00VG-01A | 5/3/22 12:08 | 51.1         | 32.8         | 0.0         | 16.1         | 93                | -1.8                                    |                                          | open           |
| E00VJ-08 | 5/3/22 12:10 | 18.8         | 17.2         | 10.5        | 53.5         | 76                | -3.7                                    |                                          | open           |
| 000VG-01 | 5/3/22 12:13 | 39.5         | 29.2         | 3.7         | 27.6         | 93                | -5.8                                    |                                          | open           |
| E0VJ-09R | 5/3/22 12:15 | 42.0         | 28.1         | 1.5         | 28.4         | 80                | -12.3                                   |                                          | open           |
| P0VG-02R | 5/3/22 12:20 | 58.4         | 31.8         | 0.3         | 9.5          | 89                | -32.5                                   |                                          | open           |
| EP0VJ-10 | 5/3/22 12:22 | 41.2         | 26.4         | 3.2         | 29.2         | 79                | -6.0                                    |                                          | open           |
| P0VG-03A | 5/3/22 12:26 | 53.0         | 37.7         | 0.0         | 9.3          | 91                | -1.8                                    |                                          | open           |
| EPVJ-11R | 5/3/22 12:31 | 56.0         | 35.0         | 0.0         | 9.0          | 77                | -0.6                                    |                                          | open           |
| 000VK-01 | 5/3/22 12:33 | 48.5         | 33.4         | 0.0         | 18.1         | 71                | -34.1                                   |                                          | open           |
| 000VG-03 | 5/3/22 12:35 | 51.1         | 37.1         | 0.0         | 11.8         | 91                | -3.2                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| P00VK-02 | 5/3/22 12:35 | 64.1         | 34.5         | 0.0         | 1.4          | 61                | -36.0                                   |                                          | open           |
| EP0VK-05 | 5/3/22 12:37 | 58.1         | 39.0         | 0.2         | 2.7          | 79                | -6.0                                    |                                          | open           |
| 00VG-04A | 5/3/22 12:44 | 47.9         | 30.2         | 0.4         | 21.5         | 81                | -26.4                                   |                                          | open           |
| EP0VK-03 | 5/3/22 12:46 | 49.4         | 27.5         | 3.0         | 20.1         | 82                | -32.6                                   |                                          | open           |
| EP0VK-04 | 5/3/22 12:49 | 10.4         | 9.7          | 15.4        | 64.5         | 80                | -36.4                                   |                                          | open           |
| EP0VC-02 | 5/3/22 13:17 | 10.5         | 18.0         | 0.2         | 71.3         | 92                | -5.4                                    |                                          | open           |
| EP0VC-03 | 5/3/22 13:28 | 73.6         | 23.2         | 0.0         | 3.2          | 99                | -0.9                                    |                                          | open           |
| 000VC-04 | 5/3/22 13:36 | 47.9         | 34.8         | 0.0         | 17.3         | 99                | -0.5                                    |                                          | open           |
| EP0VC-05 | 5/3/22 13:44 | 0.7          | 0.6          | 20.8        | 77.9         | 95                | -22.3                                   |                                          | open           |
| EP0VC-06 | 5/3/22 13:49 | 63.5         | 24.3         | 0.7         | 11.5         | 92                | -24.4                                   |                                          | open           |
| EP0VC-07 | 5/3/22 13:56 | 55.2         | 34.8         | 0.0         | 10.0         | 92                | -1.4                                    |                                          | open           |
| EP0VC-08 | 5/3/22 14:02 | 50.7         | 25.9         | 2.9         | 20.5         | 96                | -27.1                                   |                                          | open           |
| 000VC-10 | 5/3/22 14:12 | 43.1         | 31.5         | 0.0         | 25.4         | 102               | -23.6                                   |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

May 2022

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CITY OF MOUNTAIN VIEW  
MONTHLY LANDFILL GAS WELL HEAD MONITORING

June 2022  
Back Nine

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPOWA-01 | 6/15/22 9:30  | 53.0         | 39.1         | 7.4         | 73.0         | 0                 | -4.7                                    | 0.0                                      | open           |
| EPOWA-02 | 6/15/22 9:40  | 65.0         | 35.0         | 0.0         | 72.0         | 0                 | -36.8                                   | 0.0                                      | open           |
| P00WA-04 | 6/15/22 9:46  | 52.6         | 29.9         | 14.7        | 80.0         | 0                 | -14.3                                   | 0.0                                      | open           |
| EPOWA-05 | 6/15/22 10:20 | 1.0          | 0.6          | 76.5        | 82.0         | 0                 | -35.3                                   | 0.0                                      | open           |
| P00WA-07 | 6/15/22 10:30 | 62.8         | 35.7         | 1.5         | 79.0         | 0                 | -0.3                                    | 0.0                                      | open           |
| EPOWA-09 | 6/15/22 10:37 | 53.7         | 38.3         | 6.5         | 82.0         | 0                 | -7.7                                    | 0.0                                      | open           |
| EPOWA-08 | 6/15/22 10:44 | 0.2          | 11.7         | 80.4        | 77.0         | 0                 | 0.0                                     | 0.0                                      | open           |
| EPOWA-06 | 6/15/22 12:31 | 53.6         | 40.9         | 5.5         | 81.0         | 0                 | -0.5                                    | 0.0                                      | open           |
| P00WA-10 | 6/15/22 12:42 | 62.2         | 37.4         | 0.4         | 84.0         | 0                 | -1.9                                    | 0.0                                      | open           |
| EPOWA-13 | 6/15/22 12:54 | 58.8         | 36.9         | 4.2         | 90.0         | 0                 | -8.2                                    | 0.0                                      | open           |
| P00WA-11 | 6/15/22 13:01 | 55.8         | 39.5         | 4.7         | 86.0         | 0                 | -1.4                                    | 0.0                                      | open           |
| P00WA-12 | 6/15/22 13:04 | 56.1         | 42.2         | 1.7         | 81.0         | 0                 | -1.3                                    | 0.0                                      | open           |
| E00WA-14 | 6/15/22 13:27 | 0.0          | 1.7          | 78.1        | 84.0         | 0                 | -0.1                                    | 0.0                                      | open           |
| EPOWA-15 | 6/15/22 13:43 | 11.4         | 5.3          | 65.6        | 91.0         | 0                 | -36.5                                   | 0.0                                      | open           |
| P00WA-17 | 6/15/22 13:52 | 55.7         | 34.8         | 7.6         | 81.0         | 0                 | -27.6                                   | 0.0                                      | open           |
| EPOWA-16 | 6/15/22 13:55 | 51.0         | 40.8         | 8.0         | 79.0         | 0                 | -0.7                                    | 0.0                                      | open           |
| EPOWA-18 | 6/15/22 13:59 | 52.7         | 29.0         | 14.9        | 78.0         | 0                 | -10.6                                   | 0.0                                      | open           |
| EPOWA-19 | 6/16/22 7:11  | 33.1         | 23.8         | 35.0        | 61.0         | 0                 | 0.0                                     | 0.0                                      | open           |
| EPOWA-20 | 6/16/22 7:19  | 52.5         | 40.0         | 5.9         | 63.0         | 0                 | -6.5                                    | 0.0                                      | open           |
| EPOWA-21 | 6/16/22 7:24  | 23.6         | 20.8         | 49.1        | 61.0         | 0                 | -0.2                                    | 0.0                                      | open           |
| EPOWA-22 | 6/16/22 7:28  | 40.9         | 31.9         | 26.9        | 61.0         | 0                 | -1.5                                    | 0.0                                      | open           |
| EPOWA-23 | 6/16/22 7:31  | 54.0         | 37.8         | 8.2         | 62.0         | 0                 | -3.2                                    | 0.0                                      | open           |
| EPOWB-17 | 6/16/22 7:43  | 34.4         | 27.1         | 37.2        | 63.0         | 0                 | -0.2                                    | 0.0                                      | open           |
| EPOWA-24 | 6/16/22 8:08  | 47.7         | 33.4         | 15.0        | 67.0         | 0                 | -36.1                                   | 0.0                                      | open           |
| EPOWA-25 | 6/16/22 8:16  | 54.5         | 37.0         | 6.8         | 69.0         | 0                 | 0.0                                     | 0.0                                      | open           |
| EPOWA-26 | 6/16/22 8:26  | 54.1         | 40.3         | 4.5         | 68.0         | 0                 | -3.1                                    | 0.0                                      | open           |
| EPOWA-27 | 6/16/22 8:33  | 53.4         | 35.5         | 9.5         | 69.0         | 0                 | -20.1                                   | 0.0                                      | open           |
| EPOWA-28 | 6/16/22 8:38  | 51.1         | 38.6         | 9.4         | 71.0         | 0                 | -2.3                                    | 0.0                                      | open           |
| E00WA-29 | 6/16/22 8:41  | 28.3         | 32.2         | 39.5        | 71.0         | 0                 | -3.2                                    | 0.0                                      | open           |
| E00WN-13 | 6/16/22 8:59  | 11.0         | 9.3          | 63.6        | 68.0         | 0                 | -37.0                                   | 0.0                                      | open           |
| EPOWN-12 | 6/16/22 9:09  | 56.4         | 41.8         | 1.8         | 75.0         | 0                 | -0.6                                    | 0.0                                      | open           |
| E00WN-11 | 6/16/22 9:18  | 59.2         | 40.8         | 0.0         | 73.0         | 0                 | -3.9                                    | 0.0                                      | open           |
| EPOWN-09 | 6/16/22 9:23  | 58.5         | 41.5         | 0.0         | 71.0         | 0                 | -11.5                                   | 0.0                                      | open           |
| E00WN-10 | 6/16/22 9:26  | 56.4         | 43.6         | 0.0         | 70.0         | 0                 | -3.8                                    | 0.0                                      | open           |
| EPOWN-08 | 6/16/22 9:38  | 37.6         | 33.5         | 28.5        | 72.0         | 0                 | -2.4                                    | 0.0                                      | open           |
| E00WN-07 | 6/16/22 9:40  | 51.9         | 41.8         | 6.3         | 74.0         | 0                 | -1.7                                    | 0.0                                      | open           |
| E00WN-06 | 6/16/22 9:43  | 54.3         | 39.0         | 6.1         | 72.0         | 0                 | -1.5                                    | 0.0                                      | open           |
| EPOWN-05 | 6/16/22 9:47  | 58.2         | 41.8         | 0.0         | 71.0         | 0                 | -18.6                                   | 0.0                                      | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPWN-04A | 6/16/22 9:58  | 50.7         | 35.4         | 13.9        | 77.0         | 0                 | -37.1                                   | 0.0                                      | open           |
| EPOWN-04 | 6/16/22 10:05 | 61.7         | 37.0         | 1.3         | 74.0         | 0                 | -34.4                                   | 0.0                                      | open           |
| EPWN-03R | 6/16/22 10:11 | 62.8         | 32.0         | 4.2         | 77.0         | 0                 | -5.3                                    | 0.0                                      | open           |
| E00WN-02 | 6/16/22 10:16 | 57.5         | 38.8         | 3.7         | 73.0         | 0                 | -31.9                                   | 0.0                                      | open           |
| EPOWN-01 | 6/16/22 10:34 | 45.0         | 35.8         | 19.2        | 84.0         | 0                 | -7.0                                    | 0.0                                      | open           |
| EPOWB-16 | 6/16/22 12:30 | 10.0         | 7.2          | 70.0        | 80.0         | 0                 | 0.0                                     | 0.0                                      | open           |
| EPOWB-15 | 6/16/22 12:33 | 51.1         | 37.6         | 11.3        | 80.0         | 0                 | -0.2                                    | 0.0                                      | open           |
| EPOWB-14 | 6/16/22 12:44 | 42.0         | 33.7         | 24.1        | 78.0         | 0                 | -0.2                                    | 0.0                                      | open           |
| EPOWB-13 | 6/16/22 12:45 | 33.5         | 30.4         | 36.1        | 79.0         | 0                 | -0.8                                    | 0.0                                      | open           |
| EPWB-12A | 6/16/22 12:58 | 42.8         | 36.5         | 20.7        | 80.0         | 0                 | -0.3                                    | 0.0                                      | open           |
| EPOWB-12 | 6/16/22 13:24 | 34.4         | 32.0         | 33.6        | 84.0         | 0                 | -2.9                                    | 0.0                                      | open           |
| EPOWB-11 | 6/16/22 13:45 | 12.4         | 5.6          | 64.8        | 88.0         | 0                 | -10.5                                   | 0.0                                      | open           |
| E00WB-10 | 6/16/22 13:59 | 41.6         | 24.9         | 27.0        | 86.0         | 0                 | -5.1                                    | 0.0                                      | open           |
| EPOWB-09 | 6/17/22 6:53  | 21.4         | 14.3         | 50.6        | 61.0         | 0                 | -13.0                                   | 0.0                                      | open           |
| EPOWB-08 | 6/17/22 7:02  | 43.1         | 28.5         | 22.4        | 60.0         | 0                 | -38.8                                   | 0.0                                      | open           |
| EPOWB-07 | 6/17/22 7:13  | 42.3         | 31.9         | 22.0        | 60.0         | 0                 | -5.8                                    | 0.0                                      | open           |
| EPWB-07A | 6/17/22 7:19  | 44.5         | 30.2         | 19.5        | 60.0         | 0                 | -0.3                                    | 0.0                                      | open           |
| EPOWB-06 | 6/17/22 7:25  | 28.8         | 27.5         | 39.9        | 60.0         | 0                 | -0.9                                    | 0.0                                      | open           |
| EPWB-06A | 6/17/22 7:43  | 41.7         | 32.6         | 24.2        | 63.0         | 0                 | -2.0                                    | 0.0                                      | open           |
| EPOWB-05 | 6/17/22 7:48  | 43.9         | 29.2         | 26.2        | 63.0         | 0                 | -4.8                                    | 0.0                                      | open           |
| EPWB-05A | 6/17/22 7:52  | 14.3         | 23.7         | 62.0        | 68.0         | 0                 | -0.4                                    | 0.0                                      | open           |
| EPOWB-04 | 6/17/22 8:15  | 0.4          | 0.5          | 76.6        | 67.0         | 0                 | -35.4                                   | 0.0                                      | open           |
| E00WB-03 | 6/17/22 8:25  | 56.1         | 33.5         | 10.4        | 63.0         | 0                 | -1.9                                    | 0.0                                      | open           |
| E00WB-02 | 6/17/22 8:39  | 9.4          | 8.5          | 66.7        | 63.0         | 0                 | -8.2                                    | 0.0                                      | open           |
| EPOWB-01 | 6/17/22 8:51  | 59.2         | 38.4         | 2.4         | 61.0         | 0                 | -0.1                                    | 0.0                                      | open           |
| P00WC-01 | 6/17/22 9:05  | 58.9         | 33.7         | 7.4         | 66.0         | 0                 | -31.4                                   | 0.0                                      | open           |
| P00WC-02 | 6/17/22 9:18  | 66.1         | 28.2         | 5.7         | 67.0         | 0                 | -0.3                                    | 0.0                                      | open           |
| P00WC-03 | 6/17/22 9:31  | 51.5         | 33.8         | 11.6        | 66.0         | 0                 | -3.4                                    | 0.0                                      | open           |
| P00WC-04 | 6/17/22 9:43  | 55.9         | 28.9         | 13.7        | 65.0         | 0                 | -31.1                                   | 0.0                                      | open           |
| P00WF-02 | 6/17/22 10:46 | 56.9         | 35.8         | 6.5         | 70.0         | 0                 | -2.4                                    | 0.0                                      | open           |
| P00WD-04 | 6/20/22 9:42  | 62.9         | 37.1         | 0.0         | 69.0         | 0                 | -0.6                                    | 0.0                                      | open           |
| EPOWD-03 | 6/20/22 9:51  | 1.4          | 0.3          | 76.5        | 86.0         | 0                 | -38.2                                   | 0.0                                      | open           |
| P00WD-02 | 6/20/22 10:04 | 70.8         | 27.8         | 1.4         | 86.0         | 0                 | -6.1                                    | 0.0                                      | open           |
| P00WD-01 | 6/20/22 10:39 | 35.6         | 23.5         | 36.1        | 91.0         | 0                 | -37.6                                   | 0.0                                      | open           |
| POWE-01A | 6/20/22 10:50 | 41.8         | 17.6         | 33.4        | 93.0         | 0                 | -35.8                                   | 0.0                                      | open           |
| P00WE-01 | 6/20/22 10:57 | 42.4         | 30.0         | 27.6        | 80.0         | 0                 | -27.9                                   | 0.0                                      | open           |
| P00WE-02 | 6/20/22 11:14 | 56.0         | 38.9         | 4.8         | 89.0         | 0                 | -1.3                                    | 0.0                                      | open           |
| P00WE-03 | 6/20/22 11:36 | 49.3         | 25.2         | 20.6        | 89.0         | 0                 | -5.7                                    | 0.0                                      | open           |
| P00WE-04 | 6/20/22 11:42 | 59.9         | 39.0         | 1.1         | 93.0         | 0                 | -19.1                                   | 0.0                                      | open           |
| P00WE-05 | 6/20/22 12:20 | 60.2         | 36.3         | 3.5         | 95.0         | 0                 | -5.9                                    | 0.0                                      | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit



| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| P00WF-01 | 6/20/22 12:24 | 62.3         | 37.7         | 0.0         | 92.0         | 0                 | -0.9                                    | 0.0                                      | open           |

Cell 6ANE

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| E0NEA-01 | 6/10/22 7:56  | 11.9         | 8.9          | 14.3        | 64.9         | 73                | -29.5                                   |                                          | open           |
| E0NEA-01 | 6/10/22 8:01  | 53.6         | 29.1         | 0.2         | 17.1         | 72                | -0.3                                    |                                          | open           |
| E0NEA-02 | 6/10/22 8:05  | 2.2          | 1.6          | 20.3        | 75.9         | 74                | -11.5                                   |                                          | open           |
| E0NEA-03 | 6/10/22 8:11  | 54.0         | 28.1         | 3.2         | 14.7         | 77                | -3.8                                    |                                          | open           |
| E0NEA-04 | 6/10/22 8:18  | 49.2         | 31.4         | 3.7         | 15.7         | 77                | -3.7                                    |                                          | open           |
| E0NEA-05 | 6/10/22 8:24  | 35.2         | 29.7         | 1.7         | 33.4         | 81                | -2.0                                    |                                          | open           |
| E0NEA-06 | 6/10/22 8:31  | 16.4         | 20.4         | 1.7         | 61.5         | 82                | -0.5                                    |                                          | open           |
| E0NEA-07 | 6/10/22 8:36  | 58.1         | 40.6         | 0.0         | 1.3          | 176               | -0.2                                    |                                          | open           |
| E0NEA-08 | 6/10/22 8:42  | 44.7         | 35.4         | 1.7         | 18.2         | 77                | -3.6                                    |                                          | open           |
| E0NEA-09 | 6/10/22 8:48  | 57.5         | 42.5         | 0.0         | 0.0          | 75                | -1.4                                    |                                          | open           |
| 00NEA-10 | 6/10/22 8:55  | 55.0         | 40.0         | 0.0         | 5.0          | 79                | -5.5                                    |                                          | open           |
| E0NEA-11 | 6/10/22 9:00  | 48.1         | 37.2         | 0.0         | 14.7         | 79                | -4.1                                    |                                          | open           |
| 00NEA-12 | 6/10/22 9:05  | 45.8         | 32.8         | 3.8         | 17.6         | 80                | -2.2                                    |                                          | open           |
| E0NEA-13 | 6/10/22 9:12  | 60.1         | 38.1         | 0.0         | 1.8          | 81                | -2.5                                    |                                          | open           |
| 00NEA-14 | 6/10/22 9:19  | 55.0         | 37.5         | 0.6         | 6.9          | 81                | -37.3                                   |                                          | open           |
| E0NEA-15 | 6/10/22 9:24  | 56.7         | 41.5         | 0.0         | 1.8          | 78                | -36.9                                   |                                          | open           |
| ENE-16A  | 6/10/22 9:29  | 57.1         | 41.9         | 0.0         | 1.0          | 80                | -37.0                                   |                                          | open           |
| E0NEB-01 | 6/10/22 10:27 | 38.5         | 21.3         | 8.1         | 32.1         | 85                | -16.8                                   |                                          | open           |
| E0NEB-02 | 6/10/22 10:30 | 0.1          | 0.3          | 21.0        | 78.6         | 83                | -36.9                                   |                                          | open           |
| E0NEB-03 | 6/10/22 10:36 | 41.3         | 31.6         | 1.2         | 25.9         | 85                | -0.1                                    |                                          | open           |
| E0NEB-04 | 6/10/22 10:42 | 0.3          | 1.0          | 20.2        | 78.5         | 87                | -0.2                                    |                                          | open           |
| E0NEB-05 | 6/10/22 10:48 | 31.1         | 29.3         | 0.0         | 39.6         | 85                | -0.1                                    |                                          | open           |
| E0NEB-06 | 6/10/22 10:53 | 49.6         | 38.7         | 0.0         | 11.7         | 87                | -1.5                                    |                                          | open           |
| E0NEB-07 | 6/10/22 11:03 | 43.6         | 37.3         | 0.0         | 19.1         | 87                | -0.1                                    |                                          | open           |
| 00NEB-09 | 6/10/22 11:10 | 29.1         | 31.7         | 0.0         | 39.2         | 98                | -0.9                                    |                                          | open           |
| E0NEB-10 | 6/10/22 11:17 | 31.1         | 32.1         | 0.0         | 36.8         | 533               | -6.8                                    |                                          | open           |
| E0NEB-08 | 6/10/22 11:23 | 42.5         | 34.6         | 0.0         | 22.9         | 91                | -0.2                                    |                                          | open           |
| E0NEB-11 | 6/10/22 11:34 | 45.0         | 37.3         | 0.0         | 17.7         | 90                | -4.2                                    |                                          | open           |
| E0NEB-12 | 6/10/22 11:39 | 55.3         | 39.8         | 0.0         | 4.9          | 88                | -0.1                                    |                                          | open           |
| E0NEB-13 | 6/10/22 11:44 | 10.5         | 12.1         | 12.8        | 64.6         | 90                | 0.0                                     |                                          | open           |
| E0NEC-01 | 6/10/22 12:01 | 36.9         | 35.0         | 0.0         | 28.1         | 88                | -5.6                                    |                                          | open           |
| E0NEC-02 | 6/10/22 12:07 | 38.1         | 33.1         | 0.0         | 28.8         | 91                | -0.1                                    |                                          | open           |
| E0NEC-03 | 6/10/22 12:14 | 22.5         | 20.0         | 8.8         | 48.7         | 92                | -0.4                                    |                                          | open           |
| 00NED-03 | 6/16/22 17:07 | 36.7         | 26.4         | 0.5         | 36.4         | 75                | -0.6                                    |                                          | open           |
| 00NED-02 | 6/16/22 17:18 | 47.4         | 37.2         | 0.0         | 15.4         | 73                | -2.0                                    |                                          | open           |
| EPNED-01 | 6/16/22 17:34 | 10.3         | 25.1         | 0.0         | 64.6         | 105               | -0.1                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPNEB-14 | 6/16/22 17:41 | 34.7         | 36.3         | 0.0         | 29.0         | 69                | -0.1                                    |                                          | open           |
| 00NEE-01 | 6/16/22 17:47 | 57.8         | 42.2         | 0.0         | 0.0          | 70                | -14.5                                   |                                          | open           |
| E0NEE-02 | 6/16/22 17:53 | 54.6         | 36.3         | 0.0         | 9.1          | 70                | -28.1                                   |                                          | open           |
| E0NEE-03 | 6/16/22 18:04 | 24.3         | 22.6         | 3.7         | 49.4         | 68                | -0.2                                    |                                          | open           |
| E0NEE-04 | 6/16/22 18:12 | 56.7         | 31.4         | 1.8         | 10.1         | 66                | -28.9                                   |                                          | open           |
| E0NEE-05 | 6/16/22 18:20 | 35.0         | 28.8         | 0.0         | 36.2         | 67                | -0.3                                    |                                          | open           |
| E0NEE-06 | 6/16/22 18:26 | 44.0         | 36.4         | 0.0         | 19.6         | 66                | -5.2                                    |                                          | open           |

Crittenden

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPCRA-01 | 6/21/22 7:09  | 60.4         | 38.8         | 0.0         | 0.8          | 66                | -0.1                                    |                                          | open           |
| EPCRA-03 | 6/21/22 7:40  | 59.6         | 40.4         | 0.0         | 0.0          | 76                | -0.2                                    |                                          | open           |
| EPCRA-04 | 6/21/22 7:48  | 53.2         | 35.0         | 2.0         | 9.8          | 77                | -0.1                                    |                                          | open           |
| ECRA-05R | 6/21/22 7:58  | 59.6         | 32.6         | 0.0         | 7.8          | 83                | 0.0                                     |                                          | open           |
| EPCRA-06 | 6/21/22 8:03  | 63.3         | 36.7         | 0.0         | 0.0          | 79                | 0.0                                     |                                          | open           |
| EPCRA-07 | 6/21/22 8:08  | 62.5         | 37.5         | 0.0         | 0.0          | 75                | 0.0                                     |                                          | open           |
| EPCRA-08 | 6/21/22 8:14  | 59.9         | 39.8         | 0.0         | 0.3          | 78                | -1.4                                    |                                          | open           |
| EPCRA-09 | 6/21/22 8:18  | 29.9         | 27.6         | 4.2         | 38.3         | 85                | -0.1                                    |                                          | open           |
| EPCRA-10 | 6/21/22 8:32  | 34.9         | 21.0         | 8.9         | 35.2         | 85                | -1.9                                    |                                          | open           |
| E0CRA-13 | 6/21/22 9:07  | 55.4         | 36.8         | 1.0         | 6.8          | 83                | -6.8                                    |                                          | open           |
| 00CRA-12 | 6/21/22 9:12  | 61.9         | 33.9         | 0.0         | 4.2          | 86                | -9.2                                    |                                          | open           |
| 00CRA-11 | 6/21/22 9:21  | 58.8         | 36.3         | 0.0         | 4.9          | 84                | -8.7                                    |                                          | open           |
| EPCRB-01 | 6/21/22 9:32  | 0.3          | 0.2          | 21.1        | 78.4         | 83                | -4.6                                    |                                          | open           |
| 00CRC-04 | 6/21/22 9:40  | 47.6         | 26.8         | 2.4         | 23.2         | 82                | -4.0                                    |                                          | open           |
| EPCRB-02 | 6/21/22 9:46  | 54.4         | 35.2         | 0.0         | 10.4         | 89                | -2.9                                    |                                          | open           |
| 00CRC-03 | 6/21/22 9:54  | 62.6         | 34.3         | 0.0         | 3.1          | 90                | -4.0                                    |                                          | open           |
| EPCRB-03 | 6/21/22 9:58  | 57.1         | 34.3         | 0.0         | 8.6          | 90                | -3.9                                    |                                          | open           |
| EPCRB-04 | 6/21/22 10:03 | 27.8         | 20.9         | 3.3         | 48.0         | 95                | -4.5                                    |                                          | open           |
| EPCRB-05 | 6/21/22 10:09 | 28.9         | 11.1         | 10.6        | 49.4         | 96                | -3.0                                    |                                          | open           |
| EPCRB-06 | 6/21/22 10:29 | 59.5         | 23.9         | 0.0         | 16.6         | 91                | -1.7                                    |                                          | open           |
| 00CRC-02 | 6/21/22 10:33 | 60.3         | 29.7         | 0.0         | 10.0         | 94                | -4.7                                    |                                          | open           |
| EPCRB07R | 6/21/22 11:10 | 55.0         | 30.9         | 0.0         | 14.1         | 98                | -8.8                                    |                                          | open           |
| 00CRC-01 | 6/21/22 11:19 | 51.1         | 24.5         | 2.1         | 22.3         | 94                | -7.4                                    |                                          | open           |
| E0CRB-08 | 6/21/22 11:27 | 0.2          | 0.7          | 20.2        | 78.9         | 93                | -7.0                                    |                                          | open           |
| E0CRD-01 | 6/22/22 9:00  | 57.2         | 34.0         | 0.4         | 8.4          | 75                | -9.7                                    |                                          | open           |
| 00CRD-02 | 6/22/22 9:08  | 62.6         | 34.3         | 0.0         | 3.1          | 78                | -3.9                                    |                                          | open           |
| E0CRD-03 | 6/22/22 9:12  | 59.5         | 39.1         | 0.0         | 1.4          | 76                | -9.2                                    |                                          | open           |
| 00CRD-04 | 6/22/22 9:16  | 63.8         | 35.5         | 0.0         | 0.7          | 80                | -7.4                                    |                                          | open           |
| E0CRD-05 | 6/22/22 9:22  | 42.3         | 22.2         | 6.4         | 29.1         | 82                | -8.7                                    |                                          | open           |
| 00CRD-06 | 6/22/22 9:34  | 49.2         | 28.7         | 0.9         | 21.2         | 85                | -6.6                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

June 2022

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| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| E0CRD-08 | 6/22/22 9:38  | 28.6         | 16.0         | 10.7        | 44.7         | 90                | -7.7                                    |                                          | open           |
| E0CRD-09 | 6/22/22 9:43  | 32.8         | 24.2         | 4.6         | 38.4         | 84                | -9.6                                    |                                          | open           |
| E0CRD-10 | 6/22/22 9:53  | 49.3         | 26.6         | 0.0         | 24.1         | 85                | -6.6                                    |                                          | open           |
| E0CRD-11 | 6/22/22 10:01 | 0.6          | 0.4          | 21.3        | 77.7         | 86                | -3.2                                    |                                          | open           |
| 00CRD-07 | 6/22/22 10:16 | 35.1         | 25.6         | 4.5         | 34.8         | 86                | -1.8                                    |                                          | open           |

Front Nine

| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| 0000A-05 | 6/9/22 16:39  | 53.1         | 34.4         | 2.2         | 10.3         | 84                | -0.8                                    |                                          | open           |
| EP00B-28 | 6/9/22 16:59  | 0.0          | 1.4          | 19.9        | 78.7         | 0                 | -0.3                                    |                                          | open           |
| EP00Y-01 | 6/9/22 17:09  | 0.3          | 0.8          | 19.6        | 79.3         | 2                 | -1.1                                    |                                          | open           |
| EP0LE-01 | 6/9/22 17:24  | 2.7          | 16.0         | 0.1         | 81.2         | 83                | -0.2                                    |                                          | open           |
| E000Y-06 | 6/9/22 17:32  | 0.0          | 0.0          | 21.4        | 78.6         | 85                | -5.2                                    |                                          | open           |
| EP00Y-05 | 6/9/22 17:39  | 0.0          | 2.8          | 17.2        | 80.0         | 86                | -0.1                                    |                                          | open           |
| EP00Y-02 | 6/9/22 17:48  | 9.4          | 18.5         | 5.7         | 66.4         | 85                | 0.0                                     |                                          | open           |
| EP00Y-03 | 6/9/22 17:54  | 0.0          | 0.2          | 21.1        | 78.7         | 83                | -31.4                                   |                                          | open           |
| EP00Y-04 | 6/9/22 17:57  | 0.6          | 1.2          | 19.6        | 78.6         | 83                | 0.0                                     |                                          | open           |
| EP0LE-02 | 6/9/22 18:12  | 3.7          | 3.8          | 16.8        | 75.7         | 79                | -0.3                                    |                                          | open           |
| EP0LE-03 | 6/9/22 18:19  | 14.9         | 6.3          | 16.2        | 62.6         | 83                | 0.0                                     |                                          | open           |
| EP00B-02 | 6/9/22 18:25  | 5.3          | 2.4          | 19.7        | 72.6         | 87                | -0.1                                    |                                          | open           |
| E000B-03 | 6/9/22 18:38  | 46.5         | 24.4         | 4.8         | 24.3         | 82                | 0.0                                     |                                          | open           |
| 000B-04R | 6/9/22 18:44  | 12.5         | 13.8         | 8.7         | 65.0         | 78                | 0.0                                     |                                          | open           |
| EP0LE-04 | 6/9/22 18:58  | 34.2         | 27.9         | 4.2         | 33.7         | 82                | -13.8                                   |                                          | open           |
| E0FHZ-01 | 6/9/22 19:14  | 10.6         | 11.5         | 13.7        | 64.2         | 78                | -0.1                                    |                                          | open           |
| E0FHZ-02 | 6/9/22 19:19  | 58.9         | 40.3         | 0.0         | 0.8          | 76                | 0.0                                     |                                          | open           |
| E0FHZ-03 | 6/9/22 19:23  | 41.5         | 29.9         | 5.0         | 23.6         | 76                | -0.1                                    |                                          | open           |
| 0000B-12 | 6/16/22 16:14 | 34.6         | 26.1         | 4.8         | 34.5         | 79                | -31.7                                   |                                          | open           |
| E0FHZ-04 | 6/16/22 16:25 | 12.4         | 12.2         | 11.3        | 64.1         | 74                | -0.1                                    |                                          | open           |
| E000A-16 | 6/16/22 16:32 | 0.0          | 0.2          | 22.0        | 77.8         | 76                | -30.7                                   |                                          | open           |
| E0FHZ-05 | 6/16/22 16:44 | 55.2         | 38.1         | 0.0         | 6.7          | 72                | -0.1                                    |                                          | open           |

Michaels

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| E000MPHZ | 6/1/22 12:30 | 14.1         | 22.2         | 0.4         | 63.3         | 90                | 0.0                                     |                                          | open           |
| EP00B-20 | 6/1/22 12:33 | 0.8          | 1.0          | 20.8        | 77.4         | 83                | -0.1                                    |                                          | open           |
| EP00B-24 | 6/1/22 12:36 | 5.9          | 2.9          | 19.7        | 71.5         | 77                | -32.2                                   |                                          | open           |
| 000SC-2A | 6/1/22 12:39 | 6.6          | 22.9         | 0.1         | 70.4         | 85                | 0.0                                     |                                          | open           |
| 00P1HIGH | 6/1/22 12:46 | 0.0          | 18.5         | 0.9         | 80.6         | 0                 | 0.0                                     |                                          | open           |
| 000P1LOW | 6/1/22 12:49 | 0.0          | 0.6          | 21.8        | 77.6         | 0                 | 0.0                                     |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID | Date/Time | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|---------|-----------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
|---------|-----------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|

Vista

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EP0VA-01 | 6/9/22 7:33  | 61.5         | 37.4         | 0.0         | 1.1          | 62                | -0.3                                    |                                          | open           |
| EPVA-01A | 6/9/22 7:40  | 62.6         | 37.4         | 0.0         | 0.0          | 64                | -1.8                                    |                                          | open           |
| E00VA-02 | 6/9/22 7:50  | 64.0         | 33.7         | 0.2         | 2.1          | 65                | -0.5                                    |                                          | open           |
| EP0VA-03 | 6/9/22 8:00  | 44.5         | 27.0         | 0.0         | 28.5         | 63                | -9.6                                    |                                          | open           |
| EP0VA-3A | 6/9/22 8:10  | 41.6         | 26.5         | 3.1         | 28.8         | 67                | -6.1                                    |                                          | open           |
| EP0VA-04 | 6/9/22 8:19  | 60.2         | 31.9         | 0.2         | 7.7          | 64                | -2.4                                    |                                          | open           |
| E00VA-HZ | 6/9/22 8:27  | 18.8         | 22.0         | 1.9         | 57.3         | 67                | -0.1                                    |                                          | open           |
| P00VA-05 | 6/9/22 8:30  | 58.4         | 23.2         | 3.6         | 14.8         | 70                | -23.8                                   |                                          | open           |
| P00VA-06 | 6/9/22 8:38  | 73.5         | 22.3         | 0.3         | 3.9          | 71                | -38.1                                   |                                          | open           |
| EP0VB-01 | 6/9/22 9:37  | 33.1         | 20.9         | 7.4         | 38.6         | 71                | -19.7                                   |                                          | open           |
| E0VB-02R | 6/9/22 9:42  | 43.8         | 21.4         | 3.9         | 30.9         | 68                | -0.2                                    |                                          | open           |
| 000VB-03 | 6/9/22 9:57  | 56.5         | 35.0         | 0.0         | 8.5          | 72                | -37.1                                   |                                          | open           |
| EP0VB-3A | 6/9/22 10:05 | 34.5         | 21.6         | 7.6         | 36.3         | 72                | -16.4                                   |                                          | open           |
| E00VB-04 | 6/9/22 10:12 | 40.5         | 32.8         | 0.0         | 26.7         | 76                | -16.2                                   |                                          | open           |
| EPVB-05R | 6/9/22 10:19 | 31.9         | 26.2         | 0.0         | 41.9         | 80                | -3.7                                    |                                          | open           |
| E0VB-05A | 6/9/22 10:26 | 53.1         | 34.9         | 0.5         | 11.5         | 83                | -0.9                                    |                                          | open           |
| EPVB-06R | 6/9/22 10:32 | 30.8         | 28.6         | 0.1         | 40.5         | 87                | -2.8                                    |                                          | open           |
| EP0VB-07 | 6/9/22 10:36 | 54.4         | 37.0         | 0.0         | 8.6          | 84                | -2.5                                    |                                          | open           |
| EP0VB-08 | 6/9/22 10:41 | 0.7          | 1.5          | 20.2        | 77.6         | 83                | -36.1                                   |                                          | open           |
| P00VB-09 | 6/10/22 6:34 | 44.8         | 33.9         | 0.0         | 21.3         | 62                | -0.2                                    |                                          | open           |
| EP0VC-01 | 6/10/22 6:42 | 0.1          | 0.1          | 22.1        | 77.7         | 54                | -0.4                                    |                                          | open           |
| EP0VC-03 | 6/10/22 6:53 | 57.1         | 19.5         | 6.1         | 17.3         | 75                | -3.2                                    |                                          | open           |
| EP0VC-02 | 6/10/22 6:58 | 15.7         | 22.6         | 0.0         | 61.7         | 74                | -4.2                                    |                                          | open           |
| 000VC-04 | 6/10/22 7:06 | 48.8         | 36.0         | 0.0         | 15.2         | 73                | -0.2                                    |                                          | open           |
| EP0VC-05 | 6/10/22 7:13 | 0.1          | 0.2          | 22.0        | 77.7         | 79                | -25.6                                   |                                          | open           |
| EP0VC-06 | 6/10/22 7:18 | 57.9         | 22.4         | 2.9         | 16.8         | 74                | -25.0                                   |                                          | open           |
| EP0VC-07 | 6/10/22 7:29 | 60.8         | 37.9         | 0.0         | 1.3          | 79                | -1.5                                    |                                          | open           |
| EP0VC-08 | 6/10/22 7:33 | 55.9         | 29.9         | 1.1         | 13.1         | 74                | -28.1                                   |                                          | open           |
| 000VC-10 | 6/10/22 7:37 | 44.1         | 33.9         | 0.0         | 22.0         | 76                | -25.2                                   |                                          | open           |
| 000VE-03 | 6/10/22 7:54 | 47.1         | 36.4         | 0.2         | 16.3         | 77                | -11.6                                   |                                          | open           |
| EP0VE-01 | 6/10/22 8:00 | 30.7         | 24.2         | 2.3         | 42.8         | 74                | -0.8                                    |                                          | open           |
| EP0VE-04 | 6/10/22 8:05 | 0.3          | 0.5          | 21.5        | 77.7         | 75                | -30.0                                   |                                          | open           |
| EP0VE-05 | 6/10/22 8:11 | 27.2         | 26.8         | 0.0         | 46.0         | 76                | -1.9                                    |                                          | open           |
| EP0VE-06 | 6/10/22 8:20 | 18.2         | 25.6         | 0.0         | 56.2         | 78                | -2.1                                    |                                          | open           |
| EP0VE-07 | 6/10/22 8:26 | 0.1          | 0.2          | 21.7        | 78.0         | 76                | 0.0                                     |                                          | open           |
| EP0VE-08 | 6/10/22 8:31 | 16.6         | 22.5         | 0.0         | 60.9         | 78                | -0.4                                    |                                          | open           |
| EP0VE-09 | 6/10/22 8:35 | 45.5         | 29.2         | 0.0         | 25.3         | 81                | -12.6                                   |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

June 2022

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| Well ID  | Date/Time     | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|---------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| E00VE-10 | 6/10/22 8:38  | 0.5          | 1.4          | 20.1        | 78.0         | 80                | -0.1                                    |                                          | open           |
| 000VE-11 | 6/10/22 8:43  | 49.8         | 34.1         | 0.3         | 15.8         | 82                | -15.8                                   |                                          | open           |
| E00VF-01 | 6/14/22 6:43  | 6.2          | 11.7         | 8.6         | 73.5         | 61                | -0.2                                    |                                          | open           |
| EP0VF-02 | 6/14/22 6:51  | 19.2         | 14.3         | 8.2         | 58.3         | 65                | -0.1                                    |                                          | open           |
| 000VF-03 | 6/14/22 6:58  | 58.0         | 36.2         | 0.0         | 5.8          | 64                | -3.7                                    |                                          | open           |
| EP0VF-04 | 6/14/22 7:07  | 10.9         | 6.5          | 17.0        | 65.6         | 65                | 0.0                                     |                                          | open           |
| EPVF-05R | 6/14/22 7:13  | 33.4         | 25.2         | 0.0         | 41.4         | 66                | -0.8                                    |                                          | open           |
| 00VF-07A | 6/14/22 7:17  | 59.4         | 37.0         | 0.0         | 3.6          | 66                | -0.5                                    |                                          | open           |
| 000VF-06 | 6/14/22 7:23  | 55.0         | 39.6         | 0.0         | 5.4          | 69                | -0.1                                    |                                          | open           |
| EP0VF-07 | 6/14/22 7:32  | 48.7         | 27.4         | 5.1         | 18.8         | 69                | -7.4                                    |                                          | open           |
| EPVF-08R | 6/14/22 7:42  | 56.9         | 34.9         | 1.2         | 7.0          | 69                | -6.5                                    |                                          | open           |
| 000VF-09 | 6/14/22 7:51  | 56.1         | 40.9         | 0.0         | 3.0          | 73                | -0.2                                    |                                          | open           |
| 000VF-10 | 6/14/22 8:04  | 60.7         | 39.3         | 0.0         | 0.0          | 68                | -25.8                                   |                                          | open           |
| 000VF-11 | 6/14/22 8:15  | 46.7         | 37.2         | 0.0         | 16.1         | 71                | -31.0                                   |                                          | open           |
| 00VG-01A | 6/14/22 8:36  | 51.4         | 34.7         | 0.0         | 13.9         | 72                | -1.9                                    |                                          | open           |
| 000VG-01 | 6/14/22 8:41  | 38.5         | 30.0         | 4.2         | 27.3         | 78                | -5.1                                    |                                          | open           |
| P0VG-02R | 6/14/22 8:47  | 56.3         | 32.3         | 0.9         | 10.5         | 82                | -32.1                                   |                                          | open           |
| P0VG-03A | 6/14/22 8:55  | 51.5         | 38.0         | 0.0         | 10.5         | 85                | -7.8                                    |                                          | open           |
| 000VG-03 | 6/14/22 9:01  | 51.8         | 38.3         | 0.0         | 9.9          | 85                | -3.3                                    |                                          | open           |
| 00VG-04A | 6/14/22 9:14  | 50.5         | 33.3         | 0.1         | 16.1         | 80                | -24.9                                   |                                          | open           |
| P00VG-04 | 6/14/22 9:28  | 53.5         | 42.6         | 0.0         | 3.9          | 81                | -1.0                                    |                                          | open           |
| 000VG-05 | 6/14/22 9:40  | 48.3         | 39.1         | 0.0         | 12.6         | 82                | -1.5                                    |                                          | open           |
| 000VG-06 | 6/14/22 10:03 | 54.9         | 42.9         | 0.0         | 2.2          | 76                | -0.3                                    |                                          | open           |
| 000VH-04 | 6/14/22 10:09 | 41.9         | 34.2         | 0.6         | 23.3         | 80                | -1.1                                    |                                          | open           |
| 000VH-02 | 6/14/22 10:19 | 16.9         | 25.5         | 0.0         | 57.6         | 72                | -0.1                                    |                                          | open           |
| 000VH-01 | 6/14/22 10:28 | 56.1         | 32.3         | 0.0         | 11.6         | 80                | -0.6                                    |                                          | open           |
| EP0VH-03 | 6/14/22 10:33 | 11.7         | 11.2         | 11.5        | 65.6         | 87                | -0.1                                    |                                          | open           |
| 000VH-05 | 6/14/22 10:37 | 42.2         | 35.1         | 0.0         | 22.7         | 83                | -1.0                                    |                                          | open           |
| 000VH-06 | 6/14/22 10:44 | 49.7         | 34.3         | 0.1         | 15.9         | 84                | -11.0                                   |                                          | open           |
| P00VH-07 | 6/14/22 12:37 | 55.4         | 36.1         | 0.5         | 8.0          | 92                | -1.9                                    |                                          | open           |
| 000VH-08 | 6/14/22 12:44 | 56.3         | 38.7         | 0.0         | 5.0          | 85                | 0.0                                     |                                          | open           |
| 000VH-09 | 6/14/22 12:51 | 36.2         | 24.1         | 4.5         | 35.2         | 93                | 0.1                                     |                                          | open           |
| 000VH-10 | 6/14/22 12:57 | 50.1         | 36.7         | 0.0         | 13.2         | 90                | -0.3                                    |                                          | open           |
| 000VH-12 | 6/14/22 13:01 | 54.3         | 38.8         | 0.4         | 6.5          | 92                | -0.5                                    |                                          | open           |
| 000VH-11 | 6/14/22 13:18 | 26.6         | 27.1         | 0.0         | 46.3         | 86                | -0.6                                    |                                          | open           |
| 000VH-13 | 6/14/22 13:25 | 39.2         | 35.1         | 0.0         | 25.7         | 96                | 0.0                                     |                                          | open           |
| EPVJ-02R | 6/14/22 13:43 | 19.7         | 11.0         | 14.6        | 54.7         | 96                | -7.9                                    |                                          | open           |
| P00VJ-01 | 6/14/22 13:47 | 42.0         | 31.6         | 0.0         | 26.4         | 88                | -2.4                                    |                                          | open           |
| E0VJ-03R | 6/14/22 14:07 | 40.5         | 21.6         | 8.6         | 29.3         | 88                | -14.3                                   |                                          | open           |
| E0VJ-04A | 6/15/22 7:17  | 37.2         | 29.9         | 1.7         | 31.2         | 67                | -2.6                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

| Well ID  | Date/Time    | %CH4 by Vol. | %CO2 by Vol. | %O2 by Vol. | %Bal by Vol. | Wellhead Temp. °F | Initial Vacuum (inches of water column) | Adjusted Vacuum (inches of water column) | Valve Position |
|----------|--------------|--------------|--------------|-------------|--------------|-------------------|-----------------------------------------|------------------------------------------|----------------|
| EPVJ-04R | 6/15/22 7:31 | 47.9         | 36.0         | 0.0         | 16.1         | 63                | -4.4                                    |                                          | open           |
| 000VK-01 | 6/15/22 7:40 | 48.2         | 34.6         | 0.0         | 17.2         | 68                | -36.5                                   |                                          | open           |
| P00VK-02 | 6/15/22 7:44 | 63.4         | 35.4         | 0.0         | 1.2          | 66                | -37.5                                   |                                          | open           |
| EP0VK-05 | 6/15/22 7:49 | 54.1         | 36.5         | 2.0         | 7.4          | 69                | -7.0                                    |                                          | open           |
| EP0VK-04 | 6/15/22 7:56 | 14.0         | 12.0         | 13.9        | 60.1         | 70                | -37.9                                   |                                          | open           |
| EP0VK-03 | 6/15/22 8:01 | 64.9         | 34.3         | 0.0         | 0.8          | 79                | -34.5                                   |                                          | open           |
| E0VJ-05R | 6/15/22 8:08 | 57.4         | 41.1         | 0.0         | 1.5          | 74                | -31.7                                   |                                          | open           |
| EP0VJ-06 | 6/15/22 8:12 | 58.9         | 38.6         | 0.0         | 2.5          | 70                | -34.4                                   |                                          | open           |
| E0VJ-07R | 6/15/22 8:16 | 39.1         | 28.8         | 6.9         | 25.2         | 76                | -16.0                                   |                                          | open           |
| E00VJ-08 | 6/15/22 8:22 | 44.5         | 35.5         | 0.6         | 19.4         | 73                | -4.3                                    |                                          | open           |
| E0VJ-09R | 6/15/22 8:28 | 46.8         | 29.0         | 1.2         | 23.0         | 82                | -9.5                                    |                                          | open           |
| EPVJ-11R | 6/15/22 8:32 | 33.8         | 20.6         | 9.4         | 36.2         | 81                | -4.5                                    |                                          | open           |
| EP0VJ-10 | 6/15/22 8:42 | 44.7         | 28.9         | 2.3         | 24.1         | 81                | -5.6                                    |                                          | open           |

\* - Alternative oxygen wellhead limit

\*\* - Alternate temperature wellhead limit

June 2022

8 of 8

## SECTION VI

### MONTHLY LANDFILL GAS WELLHEAD REPAIRS FOR EXCEEDANCES

### OXYGEN AND METHANE CONCENTRATIONS AT THE MAIN HEADER

**MONTHLY LANDFILL GAS WELLHEAD  
REPAIRS FOR EXCEEDANCES**



**CITY OF MOUNTAIN VIEW**  
**Monthly Landfill Gas Wellhead Repairs For Exceedences**  
**January 1 - June 30, 2022**

| <b>Date</b>                                                  | <b>Well<br/>I.D #</b> | <b>Exceedance<br/>Temperature (T)<br/>Oxygen (O<sub>2</sub>)<br/>Vacuum (V)</b> | <b>Status<br/>Compliance<br/>within 5 days<br/>(yes/no)</b> | <b>Status<br/>Compliance<br/>within 15<br/>days<br/>(yes/no)</b> | <b>Comments</b> |
|--------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------|-----------------|
| <b>There was no exceedence during this monitoring period</b> |                       |                                                                                 |                                                             |                                                                  |                 |

OXYGEN AND METHANE CONCENTRATIONS  
AT THE MAIN HEADER

**CITY OF MOUNTAIN VIEW  
SHORELINE LANDFILL, FACILITY ID A2740  
OXYGEN AND METHANE CONCENTRATIONS AT THE MAIN HEADER  
ON THE DAY OF WELLHEAD MONITORING  
January 1 - June 30, 2022**

|          | Name of Well Field Monitored | Monitoring Date | Main Header Reading * |                   |
|----------|------------------------------|-----------------|-----------------------|-------------------|
|          |                              |                 | O <sub>2</sub> %      | CH <sub>4</sub> % |
| January  | Back Nine                    | 1/24/2022       | < 5                   | > 35              |
|          | Cell 6ANE                    | 1/4/2022        | < 5                   | > 35              |
|          | Crittenden                   | 1/26/2022       | < 5                   | > 35              |
|          | Front Nine                   | 1/4/2022        | < 5                   | > 35              |
|          | Michaels                     | 1/5/2022        | < 5                   | > 35              |
|          | Vista                        | 1/7/2022        | < 5                   | > 35              |
| February | Back Nine                    | 2/8/2022        | < 5                   | > 35              |
|          | Cell 6ANE                    | 2/2/2022        | < 5                   | > 35              |
|          | Crittenden                   | 2/3/2022        | < 5                   | > 35              |
|          | Front Nine                   | 2/1/2022        | < 5                   | > 35              |
|          | Michaels                     | 2/4/2022        | < 5                   | > 35              |
|          | Vista                        | 2/22/2022       | < 5                   | > 35              |
| March    | Back Nine                    | 3/31/2022       | < 5                   | > 35              |
|          | Cell 6ANE                    | 3/10/2022       | < 5                   | > 35              |
|          | Crittenden                   | 3/8/2022        | < 5                   | > 35              |
|          | Front Nine                   | 3/9/2022        | < 5                   | > 35              |
|          | Michaels                     | 3/14/2022       | < 5                   | > 35              |
|          | Vista                        | 3/1/2022        | < 5                   | > 35              |
| April    | Back Nine                    | 4/18/2022       | < 5                   | > 35              |
|          |                              | 4/19/2022       | < 5                   | > 35              |
|          |                              | 4/20/2022       | < 5                   | > 35              |
|          | Cell 6 ANE                   | 4/12/2022       | < 5                   | > 35              |
|          | Crittenden                   | 4/13/2022       | < 5                   | > 35              |
|          | Front Nine                   | 4/25/2022       | < 5                   | > 35              |
|          |                              | 4/28/2022       | < 5                   | > 35              |
|          |                              | 4/29/2022       | < 5                   | > 35              |
|          | Michaels                     | 4/4/2022        | < 5                   | > 35              |
|          | Vista                        | 4/6/2022        | < 5                   | > 35              |
|          | 4/7/2022                     | < 5             | > 35                  |                   |
| May      | Back Nine                    | 5/4/2022        | < 5                   | > 35              |
|          | Cell 6ANE                    | 5/3/2022        | < 5                   | > 35              |
|          | Crittenden                   | 5/10/2022       | < 5                   | > 35              |
|          | Front Nine                   | 5/9/2022        | < 5                   | > 35              |
|          | Michaels                     | 5/5/2022        | < 5                   | > 35              |
|          | Vista                        | 5/3/2022        | < 5                   | > 35              |
| June     | Back Nine                    | 6/15/2022       | < 5                   | > 35              |
|          |                              | 6/16/2022       | < 5                   | > 35              |
|          |                              | 6/17/2022       | < 5                   | > 35              |
|          |                              | 6/20/2022       | < 5                   | > 35              |
|          | Cell 6ANE                    | 6/10/2022       | < 5                   | > 35              |
|          |                              | 6/16/2022       | < 5                   | > 35              |
|          | Crittenden                   | 6/21/2022       | < 5                   | > 35              |
|          |                              | 6/22/2022       | < 5                   | > 35              |
|          | Front Nine                   | 6/9/2022        | < 5                   | > 35              |
|          |                              | 6/16/2022       | < 5                   | > 35              |
|          | Michaels                     | 6/1/2022        | < 5                   | > 35              |
|          | Vista                        | 6/9/2022        | < 5                   | > 35              |
|          |                              | 6/10/2022       | < 5                   | > 35              |
|          |                              | 6/14/2022       | < 5                   | > 35              |
|          |                              | 6/15/2022       | < 5                   | > 35              |

\* Monitoring records are attached

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date January 4<sup>th</sup>, 2022  
s m t w th f s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 5:37 AM Departure Time 5:50 AM  
GEM# EMULSION #2 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 39.2  | 30.1  | 2.5  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1621  | 1.27" | 81   |
| Flare #2        | /     | /     | /    |
| Flare #3        | 1623  | 2.08" | 412  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours  |
|--------------|------|--------|
| Blower #1    | /    | /      |
| Blower #2    | 2175 | 6686.2 |
| Blower #3    | /    | /      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8112.1  
Google SCFM: am: 63 pm: \_\_\_\_\_

Back Up Generator Running yes / no  
Control Room Bypass yes / no  
The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 42.9   | 37.1   | 35.6    |
| CO2 %         | 32.0   | 31.4   | 26.8    |
| O2 %          | 1.8    | 0.5    | 5.8     |
| Vacuum        | -42.9" | -41.3" | -42.5"  |
| SCFM          | 251    | 207    | 140     |
| Temperature   | 58     | 60     | 60      |

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no  
Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

Reason for Shutdown/Malfunction:  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

Changed blower RPM's from 2175 to 2180

Emission Exceedence: yes\* / no  
SSM Plan Procedures Followed: yes / no\*  
If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date January 5<sup>th</sup>, 2022  
s m t w th f s

**AM MONITORING**

**PM MONITORING**

Name Jason R Bean  
Arrival Time 5:46 AM Departure Time 5:57 AM  
GEM# EMISSION #2 Manometer  yes  no

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 40.0  | 30.5  | 2.4  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1619  | 1.28" | 81   |
| Flare #2        | /     | /     | /    |
| Flare #3        | 1635  | 2.02" | 396  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | /    | /       |
| Blower #2    | 2175 | 61710.5 |
| Blower #3    | /    | /       |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 6118.7  
Google SCFM: am: 62 pm: \_\_\_\_\_

Back Up Generator Running yes / no  
Control Room Bypass yes / no  
The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 43.3   | 37.4   | 36.6    |
| CO2 %         | 32.2   | 31.7   | 27.3    |
| O2 %          | 1.6    | 0.6    | 5.7     |
| Vacuum        | -42.9" | -41.8" | -42.2"  |
| SCFM          | 255    | 206    | 138     |
| Temperature   | 58     | 58     | 60      |

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no  
Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

Reason for Shutdown/Malfunction: \_\_\_\_\_  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

Emission Exceedence: yes\* / no  
SSM Plan Procedures Followed: yes / no\*  
If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date January 7<sup>th</sup>, 2022  
s m t w th f s

**AM MONITORING**

**PM MONITORING**

Name Jason R. Bean  
Arrival Time 4:55 AM Departure Time 5:12 AM  
GEM# EMISION #2 Manometer  yes  no

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer  yes  no

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>40.8</u> | <u>31.2</u> | <u>2.2</u> |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp.       | Vac.         | SCFM       |
|-----------------|-------------|--------------|------------|
| Flare #1        | <u>1626</u> | <u>1.27"</u> | <u>80</u>  |
| Flare #2        | <u>/</u>    | <u>/</u>     | <u>/</u>   |
| Flare #3        | <u>1622</u> | <u>2.08"</u> | <u>409</u> |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM         | Hours          |
|--------------|-------------|----------------|
| Blower #1    | <u>/</u>    | <u>/</u>       |
| Blower #2    | <u>2175</u> | <u>61757.0</u> |
| Blower #3    | <u>/</u>    | <u>/</u>       |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8131.5  
Google SCFM: am: 65 pm: \_\_\_\_\_

Back Up Generator Running yes / no  
Control Room Bypass yes / no  
The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes / no

| LFG at Inlets | 6A NE         | Vista         | F9 / B9       |
|---------------|---------------|---------------|---------------|
| CH4 %         | <u>44.5</u>   | <u>38.0</u>   | <u>37.9</u>   |
| CO2 %         | <u>32.7</u>   | <u>32.0</u>   | <u>27.7</u>   |
| O2 %          | <u>1.6</u>    | <u>0.5</u>    | <u>5.5</u>    |
| Vacuum        | <u>-42.1"</u> | <u>-40.8"</u> | <u>-41.8"</u> |
| SCFM          | <u>251</u>    | <u>202</u>    | <u>136</u>    |
| Temperature   | <u>58</u>     | <u>59</u>     | <u>59</u>     |

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Reason for Shutdown/Malfunction:  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

Emission Exceedence: yes\* / no  
SSM Plan Procedures Followed: yes / no\*  
If SSM Plan Procedure not followed, explain procedure used: \_\_\_\_\_

\* If Emmission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date January 24<sup>th</sup>, 2022  
s m t th f s

**AM MONITORING**

**PM MONITORING**

Name Jason R. Bean  
Arrival Time 4:31am Departure Time 4:44am  
GEM# Emulsion #2 Manometer  yes  no

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 40.3  | 31.1  | 2.1  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1624  | 0.92" | 70   |
| Flare #2        | /     | /     | /    |
| Flare #3        | 1627  | 2.04" | 414  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM | Hours  |
|--------------|-----|--------|
| Blower #1    | /   | /      |
| Blower #2    | /   | /      |
| Blower #3    | 215 | 2791.8 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8246.7  
Google SCFM: am: 62 pm: \_\_\_\_\_

Back Up Generator Running yes / no  
Control Room Bypass yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 44.5   | 37.1   | 35.9    |
| CO2 %         | 33.4   | 32.0   | 27.0    |
| O2 %          | 1.2    | 0.5    | 5.8     |
| Vacuum        | -43.3" | -41.6" | -43.0"  |
| SCFM          | 238    | 216    | 95      |
| Temperature   | 57     | 58     | 57      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no

Comments and/or Description of Malfunction and Affected Equipment:

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

- Reason for Shutdown/Malfunction:
- Air-Compressor System     Blower     High Gas Flow
  - High Temperature     LEL     Low Gas Flow
  - Low Temperature     UV Scanner System
  - Power Failure     Scheduled Preventive Maintenance

Emission Exceedence: \_\_\_\_\_ yes\* / no  
SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*  
If SSM Plan Procedure **not** followed, explain procedure used:

\* If Emmission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date January 26<sup>th</sup>, 2022  
s m t w th f s

**AM MONITORING**

**PM MONITORING**

Name Jason R. Bean  
Arrival Time 4:41am Departure Time 4:52pm  
GEM# Envision #2 Manometer  yes  no

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 %        | CO2 %       | O2 %       |
|--------------|-------------|------------|
| <u>410.0</u> | <u>30.7</u> | <u>2.4</u> |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp.       | Vac.         | SCFM       |
|-----------------|-------------|--------------|------------|
| Flare #1        | <u>1594</u> | <u>0.91"</u> | <u>70</u>  |
| Flare #2        |             |              |            |
| Flare #3        | <u>1620</u> | <u>2.01"</u> | <u>410</u> |

| Flare Operation | Temp | Vac | SCFM |
|-----------------|------|-----|------|
| Flare #1        |      |     |      |
| Flare #2        |      |     |      |
| Flare #3        |      |     |      |

| Blower Oper. | RPM         | Hours          |
|--------------|-------------|----------------|
| Blower #1    |             |                |
| Blower #2    |             |                |
| Blower #3    | <u>2150</u> | <u>27639.9</u> |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8261.9  
Google SCFM: am: 59 pm: \_\_\_\_\_

Back Up Generator Running yes /  no

Control Room Bypass yes /  no

| LFG at Inlets | 6A NE         | Vista         | F9 / B9       |
|---------------|---------------|---------------|---------------|
| CH4 %         | <u>43.2</u>   | <u>38.1</u>   | <u>36.9</u>   |
| CO2 %         | <u>32.4</u>   | <u>31.8</u>   | <u>27.5</u>   |
| O2 %          | <u>1.8</u>    | <u>0.5</u>    | <u>5.7</u>    |
| Vacuum        | <u>-42.5"</u> | <u>-41.1"</u> | <u>-42.2"</u> |
| SCFM          | <u>233</u>    | <u>209</u>    | <u>96</u>     |
| Temperature   | <u>58</u>     | <u>59</u>     | <u>58</u>     |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.  yes / no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: 8:01am  
Time of Start-Up: 8:09pm  
Duration of Shutdown/Malfunction: 8 min

Reason for Shutdown/Malfunction:  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

Emission Exceedence: yes\* /  no

SSM Plan Procedures Followed:  yes /  no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Cheer Flares

Are any comments, descriptions, other information, etc. continued on the back side? yes /  no

Signature Jason R. Bean Date 1/26/22



**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date February 1<sup>st</sup>, 2022  
s m t w th f s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 5:51am Departure Time 6:03am  
GEM# Emulsion #1 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 40.4  | 31.2  | 2.4  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1617  | 5.22" | 163  |
| Flare #2        | 1615  | 4.49" | 340  |
| Flare #3        |       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours  |
|--------------|------|--------|
| Blower #1    |      |        |
| Blower #2    |      |        |
| Blower #3    | 2175 | 2785.1 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8307.6  
Google SCFM: am: 62 pm: \_\_\_\_\_

Back Up Generator Running yes /  no  
Control Room Bypass yes /  no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 45.3   | 38.3   | 36.4    |
| CO2 %         | 33.8   | 32.3   | 27.0    |
| O2 %          | 1.3    | 0.6    | 6.7     |
| Vacuum        | -43.3" | -42.0" | -42.9"  |
| SCFM          | 233    | 215    | 154     |
| Temperature   | 56     | 58     | 57      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes /  no

Time of Shutdown: 1:49 pm  
Time of Start-Up: 1:55 pm  
Duration of Shutdown/Malfunction: 6 min

Comments and/or Description of Malfunction and Affected Equipment:  
Annual Source Testing of Flare #1, 2, 3

Reason for Shutdown/Malfunction:  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

Emission Exceedence:  yes /  no  
SSM Plan Procedures Followed:  yes /  no\*  
If SSM Plan Procedure **not** followed, explain procedure used:

Switch Flares for Source test

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Signature [Signature] Date 2/1/22

Are any comments, descriptions, other information, etc. continued on the back side? yes  no

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 2-2-22  
s m t **w** th f s

**AM MONITORING**

Name LEON ROSARZO  
Arrival Time 6:10am Departure Time 6:26  
GEM# ENV #1 Manometer  yes  no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 38.7  | 30.2  | 2.8  |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1618  | 2.78" | 120  |
| Flare #2        | /     | /     | /    |
| Flare #3        | 1624  | 1.78" | 388  |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | /    | /       |
| Blower #2    | /    | /       |
| Blower #3    | 2175 | 27809.3 |

Air Compressor Hours: 8314.4  
Google SCFM: am: 62 pm:

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 43.7   | 37.1   | 34.7    |
| CO2 %         | 37.5   | 31.6   | 25.5    |
| O2 %          | 1.8    | 0.7    | 6.9     |
| Vacuum        | -44.8" | -43.4" | -44.4"  |
| SCFM          | 236    | 215    | 158     |
| Temperature   | 57     | 58     | 58      |

Time of Shutdown:  
Time of Start-Up:  
Duration of Shutdown/Malfunction:  
Reason for Shutdown/Malfunction:  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running \_\_\_\_\_ yes / no  
Control Room Bypass \_\_\_\_\_ yes / no  
The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. \_\_\_\_\_ yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. \_\_\_\_\_ yes / no

Comments and/or Description  
of Malfunction and Affected Equipment:  
Annual Source testing  
Microturbines

Emission Exceedence: \_\_\_\_\_ yes\* / no  
SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*  
If SSM Plan Procedure not followed, explain procedure used:

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date February 3<sup>rd</sup>, 2022  
s m t w th f s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 5:16am Departure Time 5:27am  
GEM# EMULSION #1 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 39.1  | 30.7  | 2.6  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1624  | 2.68" | 115  |
| Flare #2        |       |       |      |
| Flare #3        | 1610  | 1.78" | 312  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours |
|--------------|------|-------|
| Blower #1    |      |       |
| Blower #2    |      |       |
| Blower #3    | 2175 | 282.4 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8320.9  
Google SCFM: am: 85 pm: \_\_\_\_\_

Back Up Generator Running \_\_\_\_\_ yes / no

Control Room Bypass \_\_\_\_\_ yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 44.5   | 37.2   | 34.4    |
| CO2 %         | 33.5   | 31.8   | 30.2    |
| O2 %          | 1.3    | 0.6    | 6.8     |
| Vacuum        | -45.0" | -43.8" | -44.8"  |
| SCFM          | 230    | 119    | 138     |
| Temperature   | 56     | 58     | 57      |

The facility's program logic controller \_\_\_\_\_ yes / no

automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted \_\_\_\_\_ yes / no  
the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description  
of Malfunction and Affected Equipment:

Change blower rpm from 2175 to 2150

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

Emission Exceedence: \_\_\_\_\_ yes\* / no

SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*

Reason for Shutdown/Malfunction:  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

If SSM Plan Procedure not followed, explain procedure used:

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other \_\_\_\_\_ yes / no  
information, etc. continued on the back side?

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date February 4<sup>th</sup>, 2022  
s m t w th f s

**AM MONITORING**

Name Jason R Bean  
Arrival Time 6:00am Departure Time 6:11am  
GEM# Emission #1 Manometer  yes no

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>38.2</u> | <u>30.3</u> | <u>2.4</u> |

| Flare Operation | Temp.                 | Vac.                  | SCFM                  |
|-----------------|-----------------------|-----------------------|-----------------------|
| Flare #1        | <u>1607</u>           | <u>3.16"</u>          | <u>95</u>             |
| Flare #2        | <del>          </del> | <del>          </del> | <del>          </del> |
| Flare #3        | <u>1632</u>           | <u>2.04"</u>          | <u>296</u>            |

| Blower Oper. | RPM                   | Hours                 |
|--------------|-----------------------|-----------------------|
| Blower #1    | <del>          </del> | <del>          </del> |
| Blower #2    | <del>          </del> | <del>          </del> |
| Blower #3    | <u>2150</u>           | <u>278572</u>         |

Air Compressor Hours: 8327.8  
Google SCFM: am: 237 pm: \_\_\_\_\_

| LFG at Inlets | 6A NE         | Vista         | F9 / B9       |
|---------------|---------------|---------------|---------------|
| CH4 %         | <u>41.5</u>   | <u>35.3</u>   | <u>35.7</u>   |
| CO2 %         | <u>31.8</u>   | <u>34.4</u>   | <u>35.7</u>   |
| O2 %          | <u>1.9</u>    | <u>0.8</u>    | <u>5.6</u>    |
| Vacuum        | <u>-44.3"</u> | <u>-43.6"</u> | <u>-45.1"</u> |
| SCFM          | <u>251</u>    | <u>210</u>    | <u>116</u>    |
| Temperature   | <u>56</u>     | <u>57</u>     | <u>56</u>     |

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

Reason for Shutdown/Malfunction: \_\_\_\_\_  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running \_\_\_\_\_ yes / no  
Control Room Bypass \_\_\_\_\_ yes / no  
The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. \_\_\_\_\_ yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. \_\_\_\_\_ yes / no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

\_\_\_\_\_

Emission Exceedence: \_\_\_\_\_ yes\* / no  
SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*  
If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 2-8-2022  
s m t w th f s

**AM MONITORING**

**PM MONITORING**

Name PAUL BANDA  
Arrival Time 6:33 AM Departure Time 6:46 AM  
GEM# ENVISION#1 Manometer  yes  no

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 40.9  | 31.9  | 1.8  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1631  | 2.49" | 113  |
| Flare #2        | —     | —     | —    |
| Flare #3        | 1608  | 1.59" | 361  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours  |
|--------------|------|--------|
| Blower #1    | —    | —      |
| Blower #2    | —    | —      |
| Blower #3    | 2150 | 279537 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8354.8  
Google SCFM: am: 67 pm: \_\_\_\_\_

Back Up Generator Running yes / no

Control Room Bypass yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 43.3   | 32.9   | 38.5    |
| CO2 %         | 33.9   | 32.4   | 29.1    |
| O2 %          | 1.0    | 0.6    | 4.9     |
| Vacuum        | -44.5" | -43.3" | -44.5"  |
| SCFM          | 227    | 220    | 126     |
| Temperature   | 56     | 58     | 56      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

- Reason for Shutdown/Malfunction:
- Air-Compressor System
  - Blower
  - High Gas Flow
  - High Temperature
  - LEL
  - Low Gas Flow
  - Low Temperature
  - UV Scanner System
  - Power Failure
  - Scheduled Preventive Maintenance

Emission Exceedence: yes\* / no

SSM Plan Procedures Followed: yes / no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date February 22, 2022  
s m t w th f s

**AM MONITORING**

**PM MONITORING**

Name Jason R. Bean  
Arrival Time 6:55pm Departure Time 7:10pm  
GEM# Division #1 Manometer  yes  no

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 40.5  | 31.3  | 2.1  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1612  | 2.22" | 109  |
| Flare #2        |       |       |      |
| Flare #3        | 1616  | 1.41" | 350  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    |      |         |
| Blower #2    |      |         |
| Blower #3    | 2125 | 28286.1 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8447.3  
Google SCFM: am: 66 pm: \_\_\_\_\_

Back Up Generator Running yes / no  
Control Room Bypass yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 46.4   | 36.2   | 37.0    |
| CO2 %         | 34.2   | 30.6   | 26.7    |
| O2 %          | 1.0    | 0.6    | 5.9     |
| Vacuum        | -42.0" | -40.5" | -42.1"  |
| SCFM          | 223    | 214    | 135     |
| Temperature   | 57     | 59     | 57      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed, isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

Comments and/or Description of Malfunction and Affected Equipment:  
Blower RPM Change From 2125 to 2100

Reason for Shutdown/Malfunction:  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

Emission Exceedence: \_\_\_\_\_ yes\* / no  
SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*  
If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Signature \_\_\_\_\_ Date \_\_\_\_\_

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**

City of Mountain View Flare Station

Date March 1<sup>st</sup>, 2022  
s m (t) w th f s

**AM MONITORING**

Name Jason R. Bean

Arrival Time 6:27 am Departure Time 6:45 am

GEM# Envision #1 Manometer  yes  no

**PM MONITORING**

Name Jason R. Bean

Arrival Time 12:30 pm Departure Time 12:33 pm

GEM# Envision #2 Manometer  yes  no

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>42.3</u> | <u>31.4</u> | <u>2.1</u> |

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>41.7</u> | <u>30.6</u> | <u>2.1</u> |

| Flare Operation | Temp.       | Vac.         | SCFM       |
|-----------------|-------------|--------------|------------|
| Flare #1        | <u>1620</u> | <u>3.30"</u> | <u>130</u> |
| Flare #2        | <u>1633</u> | <u>2.61"</u> | <u>263</u> |
| Flare #3        | <u>/</u>    | <u>/</u>     | <u>/</u>   |

| Flare Operation | Temp.       | Vac.         | SCFM       |
|-----------------|-------------|--------------|------------|
| Flare #1        | <u>1629</u> | <u>3.32"</u> | <u>129</u> |
| Flare #2        | <u>1620</u> | <u>2.67"</u> | <u>259</u> |
| Flare #3        | <u>/</u>    | <u>/</u>     | <u>/</u>   |

| Blower Oper. | RPM         | Hours         |
|--------------|-------------|---------------|
| Blower #1    | <u>/</u>    | <u>/</u>      |
| Blower #2    | <u>/</u>    | <u>/</u>      |
| Blower #3    | <u>2100</u> | <u>2853.6</u> |

| LFG at Inlets | 6A NE         | Vista         | F9 / B9       |
|---------------|---------------|---------------|---------------|
| Vacuum        | <u>-41.2"</u> | <u>-40.5"</u> | <u>-41.1"</u> |
| SCFM          | <u>212</u>    | <u>140</u>    | <u>127</u>    |

Air Compressor Hours: 8494.1

Google SCFM: am: 54 pm: 55

Back Up Generator Running  yes  no

Control Room Bypass  yes  no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed, isolating all LFG in the piping system to avoid excess emissions, and notified the staff.  yes  no

| LFG at Inlets | 6A NE         | Vista        | F9 / B9      |
|---------------|---------------|--------------|--------------|
| CH4 %         | <u>46.8</u>   | <u>40.1</u>  | <u>37.6</u>  |
| CO2 %         | <u>34.2</u>   | <u>31.3</u>  | <u>26.9</u>  |
| O2 %          | <u>0.9</u>    | <u>0.9</u>   | <u>5.5</u>   |
| Vacuum        | <u>-42.2"</u> | <u>-41.3</u> | <u>-42.1</u> |
| SCFM          | <u>213</u>    | <u>146</u>   | <u>132</u>   |
| Temperature   | <u>57</u>     | <u>59</u>    | <u>58</u>    |

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.  yes  no

Comments and/or Description of Malfunction and Affected Equipment:

|              |             |             |            |
|--------------|-------------|-------------|------------|
| <u>6A NE</u> | <u>45.9</u> | <u>33.5</u> | <u>0.9</u> |
| <u>VISTA</u> | <u>40.1</u> | <u>30.9</u> | <u>1.0</u> |
| <u>B-9</u>   | <u>37.7</u> | <u>27.4</u> | <u>5.4</u> |

Time of Shutdown:

Time of Start-Up:

Duration of Shutdown/Malfunction:

Reason for Shutdown/Malfunction:

- Air-Compressor System
- Blower
- High Gas Flow
- High Temperature
- LEL
- Low Gas Flow
- Low Temperature
- UV Scanner System
- Power Failure
- Scheduled Preventive Maintenance

Emission Exceedence:  yes\*  no

SSM Plan Procedures Followed:  yes  no\*

If SSM Plan Procedure **not** followed, explain procedure used:

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side?  yes  no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**

City of Mountain View Flare Station

Date March 8<sup>th</sup>, 2022  
s m t w th f s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 7:00am Departure Time 7:40am  
GEM# Envision# 1 Manometer  yes  no

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>40.8</u> | <u>29.9</u> | <u>3.1</u> |

| Flare Operation | Temp.        | Vac.         | SCFM       |
|-----------------|--------------|--------------|------------|
| Flare #1        | <u>11630</u> | <u>3.76"</u> | <u>132</u> |
| Flare #2        | <u>11622</u> | <u>2.88"</u> | <u>264</u> |
| Flare #3        | <u>/</u>     | <u>/</u>     | <u>/</u>   |

| Blower Oper. | RPM         | Hours          |
|--------------|-------------|----------------|
| Blower #1    | <u>/</u>    | <u>/</u>       |
| Blower #2    | <u>/</u>    | <u>/</u>       |
| Blower #3    | <u>2100</u> | <u>28622.3</u> |

Air Compressor Hours: 8541.6

Google SCFM: am: 59 pm:

| LFG at Inlets | 6A NE         | Vista         | F9 / B9       |
|---------------|---------------|---------------|---------------|
| CH4 %         | <u>46.0</u>   | <u>39.8</u>   | <u>36.2</u>   |
| CO2 %         | <u>33.8</u>   | <u>30.8</u>   | <u>26.2</u>   |
| O2 %          | <u>1.1</u>    | <u>1.2</u>    | <u>6.7</u>    |
| Vacuum        | <u>-42.0"</u> | <u>-41.8"</u> | <u>-41.9"</u> |
| SCFM          | <u>221</u>    | <u>163</u>    | <u>176</u>    |
| Temperature   | <u>57</u>     | <u>58</u>     | <u>58</u>     |

Time of Shutdown:  
Time of Start-Up:  
Duration of Shutdown/Malfunction:

Reason for Shutdown/Malfunction:  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

Signature \_\_\_\_\_ Date \_\_\_\_\_

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running \_\_\_\_\_ yes / no

Control Room Bypass \_\_\_\_\_ yes / no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. \_\_\_\_\_ yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. \_\_\_\_\_ yes / no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Emission Exceedence: \_\_\_\_\_ yes\* / no

SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no



**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date March 9<sup>th</sup>, 2022  
s m t w th f s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 7:00am Departure Time 7:14am  
GEM# Envision #1 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>41.7</u> | <u>30.1</u> | <u>2.8</u> |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp.        | Vac.         | SCFM       |
|-----------------|--------------|--------------|------------|
| Flare #1        | <u>11626</u> | <u>4.79"</u> | <u>153</u> |
| Flare #2        | <u>11636</u> | <u>3.90"</u> | <u>317</u> |
| Flare #3        |              |              |            |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM         | Hours         |
|--------------|-------------|---------------|
| Blower #1    |             |               |
| Blower #2    |             |               |
| Blower #3    | <u>2100</u> | <u>286463</u> |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8548.3  
Google SCFM: am: 60 pm: \_\_\_\_\_

Back Up Generator Running yes /  no  
Control Room Bypass yes /  no

| LFG at Inlets | 6A NE         | Vista         | F9 / B9       |
|---------------|---------------|---------------|---------------|
| CH4 %         | <u>46.8</u>   | <u>41.1</u>   | <u>36.1</u>   |
| CO2 %         | <u>33.2</u>   | <u>31.4</u>   | <u>25.7</u>   |
| O2 %          | <u>1.1</u>    | <u>1.0</u>    | <u>6.9</u>    |
| Vacuum        | <u>-40.4"</u> | <u>-39.6"</u> | <u>-40.0"</u> |
| SCFM          | <u>252</u>    | <u>152</u>    | <u>166</u>    |
| Temperature   | <u>58</u>     | <u>59</u>     | <u>58</u>     |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: 7:16am  
Time of Start-Up: 7:28am  
Duration of Shutdown/Malfunction: 12 min

Reason for Shutdown Malfunction:  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

Switch from blower #3 to #1. Monthly Change

Emission Exceedence: yes\* /  no  
SSM Plan Procedures Followed:  yes /  no\*  
If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes /  no

Signature Jason R. Bean Date 3/9/22

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 3-10-22  
s m t w th f s

**AM MONITORING**

Name LEON ROSALES  
Arrival Time 7 AM Departure Time 7:10 AM  
GEM# ENV # 1 Manometer  yes  no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 38.6  | 28.8  | 3.5  |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1619  | 2.59" | 115  |
| Flare #2        | —     | —     | —    |
| Flare #3        | 1606  | 1.61" | 345  |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | 2100 | 17204.8 |
| Blower #2    | —    | —       |
| Blower #3    | —    | —       |

Air Compressor Hours: 8554.7  
Google SCFM: am: 6d pm:

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 42.2   | 40.5   | 33.5    |
| CO2 %         | 31.4   | 30.2   | 24.4    |
| O2 %          | 2.1    | 1.1    | 7.5     |
| Vacuum        | -47.4" | -40.3" | -40.8"  |
| SCFM          | 253    | 153    | 168     |
| Temperature   | 58     | 59     | 58      |

Time of Shutdown:  
Time of Start-Up:  
Duration of Shutdown/Malfunction:

Reason for Shutdown/Malfunction:  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

Signature \_\_\_\_\_ Date \_\_\_\_\_

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer  yes /  no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running  yes /  no

Control Room Bypass  yes /  no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.  yes /  no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.  yes /  no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Emission Exceedence:  yes\* /  no

SSM Plan Procedures Followed:  yes /  no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side?  yes /  no

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 3-14-22  
s (m) t w th f s

**AM MONITORING**

Name LEON ROSALES  
Arrival Time 8:19 am Departure Time 8:33 am  
GEM# ENV # 1 Manometer (yes) no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 40.5  | 30.2  | 2.5  |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1633  | 1.75" | 94   |
| Flare #2        | —     | —     | —    |
| Flare #3        | 1614  | 1.02" | 292  |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | 2100 | 17301.1 |
| Blower #2    | —    | —       |
| Blower #3    | —    | —       |

Air Compressor Hours: 8582.0  
Google SCFM: am: 61 pm: \_\_\_\_\_

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 41.1   | 39.1   | 36.1    |
| CO2 %         | 33.3   | 30.1   | 25.5    |
| O2 %          | 1.4    | 0.9    | 5.8     |
| Vacuum        | -42.4" | -41.7" | -42.4"  |
| SCFM          | 195    | 157    | 136     |
| Temperature   | 58     | 60     | 58      |

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

Reason for Shutdown/Malfunction:  
 Air-Compressor System     Blower     High Gas Flow  
 High Temperature     LEL     Low Gas Flow  
 Low Temperature     UV Scanner System  
 Power Failure     Scheduled Preventive Maintenance

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running yes / no  
Control Room Bypass yes / no  
The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no

Comments and/or Description of Malfunction and Affected Equipment:  
\_\_\_\_\_  
\_\_\_\_\_

Emission Exceedence: \_\_\_\_\_ yes\* / no  
SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*  
If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no

SSM PLAN REPORT FORM /  
 FLARE STATION DAILY CHECKLIST  
 City of Mountain View Flare Station

Date March 31<sup>st</sup>, 2022  
 s m t w th f s

AM MONITORING

Name Jason R. Bean  
 Arrival Time 6:07am Departure Time 6:14pm  
 GEM# ENVISION #2 Manometer  yes  no

PM MONITORING

Name \_\_\_\_\_  
 Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
 GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 43.2  | 31.8  | 2.1  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1617  | 2.26" | 120  |
| Flare #2        | 1624  | 2.88" | 242  |
| Flare #3        |       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours  |
|--------------|------|--------|
| Blower #1    | 2100 | 1770.8 |
| Blower #2    |      |        |
| Blower #3    |      |        |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8707.4  
 Google SCFM: am: 34 pm: \_\_\_\_\_

Back Up Generator Running yes / no

Control Room Bypass yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 46.2   | 42.7   | 40.2    |
| CO2 %         | 34.1   | 31.4   | 28.4    |
| O2 %          | 1.1    | 1.0    | 4.6     |
| Vacuum        | -41.3" | -40.4" | -41.3"  |
| SCFM          | 190    | 148    | 124     |
| Temperature   | 61     | 62     | 60      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
 Time of Start-Up: \_\_\_\_\_  
 Duration of Shutdown/Malfunction: \_\_\_\_\_

Reason for Shutdown/Malfunction: \_\_\_\_\_  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

Emission Exceedence: yes\* / no

SSM Plan Procedures Followed: yes / no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

SSM PLAN REPORT FORM /  
 FLARE STATION DAILY CHECKLIST  
 City of Mountain View Flare Station

Date April 4<sup>th</sup> 2022  
 s m t w th f s

AM MONITORING

Name Jason R. Bean  
 Arrival Time 6:40am Departure Time 6:54pm  
 GEM# Envision #4 Manometer  yes  no

PM MONITORING

Name \_\_\_\_\_  
 Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
 GEM# \_\_\_\_\_ Manometer  yes  no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 42.8  | 30.4  | 2.2  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1623  | 2.60" | 113  |
| Flare #2        | 1617  | 2.12" | 230  |
| Flare #3        | /     | /     | /    |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | 2100 | 17803.4 |
| Blower #2    | /    | /       |
| Blower #3    | /    | /       |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8738.1  
 Google SCFM: am: 34 pm: \_\_\_\_\_

Back Up Generator Running  yes  no  
 Control Room Bypass  yes  no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 45.3   | 42.3   | 39.5    |
| CO2 %         | 32.9   | 30.2   | 26.8    |
| O2 %          | 1.5    | 1.3    | 4.9     |
| Vacuum        | -41.5" | -40.7" | -41.4"  |
| SCFM          | 192    | 149    | 109     |
| Temperature   | 62     | 63     | 61      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.  yes  no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: 6:54am  
 Time of Start-Up: 7:18am  
 Duration of Shutdown/Malfunction: 22 min

Reason for Shutdown/Malfunction:  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

Emission Exceedence:  yes\*  no  
 SSM Plan Procedures Followed:  yes  no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

Switch from blower #1 to #2  
Monthly change

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Signature Jason R. Bean Date 4/4/2022

Are any comments, descriptions, other information, etc. continued on the back side?  yes  no

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date April 6<sup>th</sup>, 2022  
s m t w th f s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 7:25 AM Departure Time 7:39 PM  
GEM# ENVISION #4 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>42.8</u> | <u>31.3</u> | <u>2.2</u> |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp.       | Vac.         | SCFM       |
|-----------------|-------------|--------------|------------|
| Flare #1        | <u>1616</u> | <u>1.48"</u> | <u>88</u>  |
| Flare #2        |             |              |            |
| Flare #3        | <u>1649</u> | <u>0.89"</u> | <u>271</u> |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM         | Hours         |
|--------------|-------------|---------------|
| Blower #1    |             |               |
| Blower #2    | <u>2100</u> | <u>620959</u> |
| Blower #3    |             |               |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8753.4  
Google SCFM: am: 42 pm: \_\_\_\_\_

Back Up Generator Running yes / no  
Control Room Bypass yes / no

| LFG at Inlets | 6A NE         | Vista         | F9 / B9       |
|---------------|---------------|---------------|---------------|
| CH4 %         | <u>44.6</u>   | <u>42.2</u>   | <u>40.1</u>   |
| CO2 %         | <u>33.6</u>   | <u>31.1</u>   | <u>28.0</u>   |
| O2 %          | <u>1.4</u>    | <u>1.1</u>    | <u>4.7</u>    |
| Vacuum        | <u>-42.9"</u> | <u>-41.6"</u> | <u>-42.1"</u> |
| SCFM          | <u>193</u>    | <u>151</u>    | <u>119</u>    |
| Temperature   | <u>62</u>     | <u>63</u>     | <u>61</u>     |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

- Reason for Shutdown/Malfunction:
- Air-Compressor System
  - Blower
  - High Gas Flow
  - High Temperature
  - LEL
  - Low Gas Flow
  - Low Temperature
  - UV Scanner System
  - Power Failure
  - Scheduled Preventive Maintenance

Emission Exceedence: yes\* / no  
SSM Plan Procedures Followed: yes / no\*  
If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 4-7-22  
s m t w th f s

**AM MONITORING**

Name LEON ROSARIO  
Arrival Time 6:30 AM Departure Time 6:42 AM  
GEM# ENV #4 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 42.5  | 32.2  | 2.1  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1627  | 1.48" | 87   |
| Flare #2        |       |       |      |
| Flare #3        | 1642  | 0.90" | 273  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    |      |         |
| Blower #2    | 2100 | 62119.0 |
| Blower #3    |      |         |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8760.4  
Google SCFM: am: 43 pm: \_\_\_\_\_

Back Up Generator Running yes / no

Control Room Bypass yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 44.7   | 42.2   | 39.9    |
| CO2 %         | 33.6   | 31.4   | 27.8    |
| O2 %          | 1.2    | 1.1    | 4.7     |
| Vacuum        | -42.1" | -41.3" | -39.1"  |
| SCFM          | 192    | 147    | 115     |
| Temperature   | 63     | 63     | 62      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

Reason for Shutdown/Malfunction: \_\_\_\_\_  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

Emission Exceedence: yes\* / no

SSM Plan Procedures Followed: yes / no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 4-12-22  
s m t w th f s

**AM MONITORING**

Name LEON ROSARIO  
Arrival Time 7:35 am Departure Time 7:45 am  
GEM# ENV # 4 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 42.0  | 30.0  | 2.3  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1615  | 1.50" | 91   |
| Flare #2        | —     | —     | —    |
| Flare #3        | 1583  | 0.87" | 281  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | —    | —       |
| Blower #2    | 2100 | 62240.1 |
| Blower #3    | —    | —       |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8798.4  
Google SCFM: am: 32 pm: \_\_\_\_\_

Back Up Generator Running \_\_\_\_\_ yes / no

Control Room Bypass \_\_\_\_\_ yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 44.2   | 41.4   | 38.2    |
| CO2 %         | 31.6   | 29.2   | 26.1    |
| O2 %          | 1.4    | 1.0    | 5.1     |
| Vacuum        | -43.1" | -42.0" | -42.9"  |
| SCFM          | 193    | 169    | 88      |
| Temperature   | 64     | 64     | 61      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

Reason for Shutdown/Malfunction: \_\_\_\_\_  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

Emission Exceedence: \_\_\_\_\_ yes\* / no

SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_



**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 4-13-22  
s m t **w** th f s

**AM MONITORING**

Name LEON ROSARIO  
Arrival Time 7:47am Departure Time 8am  
GEM# FW # 4 Manometer  yes  no

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>42.9</u> | <u>30.6</u> | <u>2.1</u> |

| Flare Operation | Temp.       | Vac.         | SCFM       |
|-----------------|-------------|--------------|------------|
| Flare #1        | <u>1625</u> | <u>4.83"</u> | <u>153</u> |
| Flare #2        | <u>1622</u> | <u>4.00"</u> | <u>327</u> |
| Flare #3        |             |              |            |

| Blower Oper. | RPM         | Hours         |
|--------------|-------------|---------------|
| Blower #1    |             |               |
| Blower #2    | <u>2100</u> | <u>6226.3</u> |
| Blower #3    |             |               |

Air Compressor Hours: 8806.3  
Google SCFM: am: 43 pm:

| LFG at Inlets | 6A NE         | Vista         | F9 / B9       |
|---------------|---------------|---------------|---------------|
| CH4 %         | <u>45.7</u>   | <u>41.4</u>   | <u>38.5</u>   |
| CO2 %         | <u>32.1</u>   | <u>29.2</u>   | <u>26.4</u>   |
| O2 %          | <u>1.4</u>    | <u>1.0</u>    | <u>4.8</u>    |
| Vacuum        | <u>-39.7"</u> | <u>-38.7"</u> | <u>-39.6"</u> |
| SCFM          | <u>309</u>    | <u>162</u>    | <u>110</u>    |
| Temperature   | <u>64</u>     | <u>65</u>     | <u>61</u>     |

Time of Shutdown: 9:13am  
Time of Start-Up: 9:23am  
Duration of Shutdown/Malfunction: 10 min

Reason for Shutdown/Malfunction:  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

checking Louvers on flares

Signature [Signature] Date 4-13-22

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer  yes /  no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running  yes /  no

Control Room Bypass  yes /  no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.  yes /  no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.  yes /  no

Comments and/or Description of Malfunction and Affected Equipment:  
 \_\_\_\_\_  
 \_\_\_\_\_

Emission Exceedence:  yes\* /  no

SSM Plan Procedures Followed:  yes /  no\*

If SSM Plan Procedure not followed, explain procedure used:  
 \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side?  yes /  no

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date April 18<sup>th</sup>, 2022  
s m t w th f s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 6:52am Departure Time 7:03am  
GEM# ENVISION #2 Manometer  yes  no

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>41.9</u> | <u>28.7</u> | <u>2.8</u> |

| Flare Operation | Temp.       | Vac.         | SCFM       |
|-----------------|-------------|--------------|------------|
| Flare #1        | <u>1629</u> | <u>3.14"</u> | <u>127</u> |
| Flare #2        | <u>1618</u> | <u>2.67"</u> | <u>261</u> |
| Flare #3        | <u>/</u>    | <u>/</u>     | <u>/</u>   |

| Blower Oper. | RPM         | Hours         |
|--------------|-------------|---------------|
| Blower #1    | <u>/</u>    | <u>/</u>      |
| Blower #2    | <u>2100</u> | <u>6233.2</u> |
| Blower #3    | <u>/</u>    | <u>/</u>      |

Air Compressor Hours: 8836.8  
Google SCFM: am: 44 pm:

| LFG at Inlets | 6A NE         | Vista         | F9 / B9       |
|---------------|---------------|---------------|---------------|
| CH4 %         | <u>45.4</u>   | <u>42.9</u>   | <u>33.9</u>   |
| CO2 %         | <u>31.1</u>   | <u>29.0</u>   | <u>22.7</u>   |
| O2 %          | <u>1.3</u>    | <u>0.9</u>    | <u>7.0</u>    |
| Vacuum        | <u>-41.1"</u> | <u>-40.2"</u> | <u>-40.8"</u> |
| SCFM          | <u>207</u>    | <u>158</u>    | <u>128</u>    |
| Temperature   | <u>63</u>     | <u>64</u>     | <u>61</u>     |

Time of Shutdown:  
Time of Start-Up:  
Duration of Shutdown/Malfunction:

Reason for Shutdown/Malfunction:  
 Air-Compressor System     Blower     High Gas Flow  
 High Temperature     LEL     Low Gas Flow  
 Low Temperature     UV Scanner System  
 Power Failure     Scheduled Preventive Maintenance

Signature \_\_\_\_\_ Date \_\_\_\_\_

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running \_\_\_\_\_ yes / no

Control Room Bypass \_\_\_\_\_ yes / no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. \_\_\_\_\_ yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. \_\_\_\_\_ yes / no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Emission Exceedence: \_\_\_\_\_ yes\* / no

SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*

If SSM Plan Procedure not followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date April 19<sup>th</sup>, 2022  
s m t w th f s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 6:36am Departure Time 6:44pm  
GEM# ENVISION #2 Manometer  yes  no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 42.0  | 29.5  | 2.7  |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1623  | 2.57" | 126  |
| Flare #2        | 1636  | 3.17" | 256  |
| Flare #3        | /     | /     | /    |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | /    | /       |
| Blower #2    | 2100 | 62407.0 |
| Blower #3    | /    | /       |

Air Compressor Hours: 5842.8  
Google SCFM: am: 42 pm:

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 45.8   | 42.9   | 34.1    |
| CO2 %         | 32.1   | 29.4   | 22.4    |
| O2 %          | 1.3    | 0.9    | 7.1     |
| Vacuum        | -40.6" | -39.6" | -40.2"  |
| SCFM          | 207    | 129    | 125     |
| Temperature   | 64     | 65     | 64      |

Time of Shutdown:  
Time of Start-Up:  
Duration of Shutdown/Malfunction:

Reason for Shutdown/Malfunction:  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running \_\_\_\_\_ yes / no

Control Room Bypass \_\_\_\_\_ yes / no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. \_\_\_\_\_ yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. \_\_\_\_\_ yes / no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Emission Exceedence: \_\_\_\_\_ yes\* / no

SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*

If SSM Plan Procedure not followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 4-20-2022  
s m t w th f s

**AM MONITORING**

Name RAUL SANDA  
Arrival Time 6:25 AM Departure Time 6:38 AM  
GEM# ENV# 4 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 41.6  | 29.3  | 2.9  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1632  | 3.15" | 126  |
| Flare #2        | 1628  | 2.55" | 257  |
| Flare #3        | /     | /     | /    |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | /    | /       |
| Blower #2    | 2100 | 62430.8 |
| Blower #3    | /    | /       |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8848.8  
Google SCFM: am: 41 pm: \_\_\_\_\_

Back Up Generator Running \_\_\_\_\_ yes / no

Control Room Bypass \_\_\_\_\_ yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 45.4   | 43.0   | 33.6    |
| CO2 %         | 31.2   | 29.5   | 22.3    |
| O2 %          | 1.4    | 1.0    | 7.3     |
| Vacuum        | -40.9" | -39.9" | -40.6"  |
| SCFM          | 205    | 156    | 127     |
| Temperature   | 63     | 64     | 62      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

Reason for Shutdown/Malfunction:  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

Emission Exceedence: \_\_\_\_\_ yes\* / no

SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 4-25-22  
s m t w th f s

**AM MONITORING**

**PM MONITORING**

Name LEON ROSARZO  
Arrival Time 6:26am Departure Time 6:40am  
GEM# ENV #4 Manometer  yes  no

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 43.9  | 32.6  | 2.0  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1619  | 2.89" | 122  |
| Flare #2        | 1614  | 2.32" | 297  |
| Flare #3        |       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | /    | /       |
| Blower #2    | 2100 | 62550.8 |
| Blower #3    | /    | /       |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8879.0  
Google SCFM: am: 40 pm:

Back Up Generator Running yes / no  
Control Room Bypass yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 46.3   | 42.8   | 40.5    |
| CO2 %         | 34.2   | 31.5   | 27.9    |
| O2 %          | 1.3    | 1.1    | 4.6     |
| Vacuum        | -41.0" | -40.3" | -40.9"  |
| SCFM          | 205    | 155    | 107     |
| Temperature   | 64     | 65     | 62      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment:

Time of Shutdown:  
Time of Start-Up:  
Duration of Shutdown/Malfunction:

Reason for Shutdown/Malfunction:  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

Emission Exceedence: yes\* / no  
SSM Plan Procedures Followed: yes / no\*  
If SSM Plan Procedure **not** followed, explain procedure used:

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date April 28<sup>th</sup> 2022  
s m t w th f s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 5:33am Departure Time 6:18am  
GEM# EM001M #4 Manometer  yes  no

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>43.3</u> | <u>32.6</u> | <u>2.4</u> |

| Flare Operation | Temp.       | Vac.        | SCFM       |
|-----------------|-------------|-------------|------------|
| Flare #1        | <u>1627</u> | <u>236"</u> | <u>121</u> |
| Flare #2        | <u>1626</u> | <u>219"</u> | <u>248</u> |
| Flare #3        | <u>/</u>    | <u>/</u>    | <u>/</u>   |

| Blower Oper. | RPM         | Hours          |
|--------------|-------------|----------------|
| Blower #1    | <u>/</u>    | <u>/</u>       |
| Blower #2    | <u>2100</u> | <u>6:22:15</u> |
| Blower #3    | <u>/</u>    | <u>/</u>       |

Air Compressor Hours: 8896.7  
Google SCFM: am: 40 pm: /

| LFG at Inlets | 6A NE         | Vista         | F9 / B9       |
|---------------|---------------|---------------|---------------|
| CH4 %         | <u>44.7</u>   | <u>43.2</u>   | <u>39.8</u>   |
| CO2 %         | <u>33.5</u>   | <u>31.7</u>   | <u>27.8</u>   |
| O2 %          | <u>1.7</u>    | <u>1.2</u>    | <u>5.3</u>    |
| Vacuum        | <u>-41.0"</u> | <u>-40.0"</u> | <u>-40.8"</u> |
| SCFM          | <u>212</u>    | <u>154</u>    | <u>116</u>    |
| Temperature   | <u>64</u>     | <u>65</u>     | <u>63</u>     |

Time of Shutdown: 5:45am  
Time of Start-Up: 6:14pm  
Duration of Shutdown/Malfunction: 29min

Reason for Shutdown/Malfunction:  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

Switch From Pumps #2 to Pumps #3

Signature [Signature] Date 4/28/22

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer  yes  no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running  yes  no

Control Room Bypass  yes  no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.  yes  no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.  yes  no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Emission Exceedence:  yes\*  no

SSM Plan Procedures Followed:  yes  no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side?  yes  no

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date April 29<sup>th</sup> 2022  
s m t w th (F) s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 6:08am Departure Time 6:16pm  
GEM# ENOWIN#4 Manometer  yes  no

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>43.2</u> | <u>31.6</u> | <u>2.4</u> |

| Flare Operation | Temp.       | Vac.         | SCFM       |
|-----------------|-------------|--------------|------------|
| Flare #1        | <u>1626</u> | <u>1.69"</u> | <u>94</u>  |
| Flare #2        | <u>/</u>    | <u>/</u>     | <u>/</u>   |
| Flare #3        | <u>1628</u> | <u>1.03"</u> | <u>289</u> |

| Blower Oper. | RPM         | Hours         |
|--------------|-------------|---------------|
| Blower #1    | <u>/</u>    | <u>/</u>      |
| Blower #2    | <u>2100</u> | <u>6266.2</u> |
| Blower #3    | <u>/</u>    | <u>/</u>      |

Air Compressor Hours: 8904.2  
Google SCFM: am: 43 pm:

| LFG at Inlets | 6A NE         | Vista        | F9 / B9       |
|---------------|---------------|--------------|---------------|
| CH4 %         | <u>45.2</u>   | <u>43.4</u>  | <u>40.0</u>   |
| CO2 %         | <u>33.7</u>   | <u>32.4</u>  | <u>28.0</u>   |
| O2 %          | <u>1.6</u>    | <u>1.2</u>   | <u>5.4</u>    |
| Vacuum        | <u>-42.2"</u> | <u>-41.1</u> | <u>-41.8"</u> |
| SCFM          | <u>206</u>    | <u>158</u>   | <u>161</u>    |
| Temperature   | <u>64</u>     | <u>65</u>    | <u>62</u>     |

Time of Shutdown:  
Time of Start-Up:  
Duration of Shutdown/Malfunction:

- Reason for Shutdown/Malfunction:
- Air-Compressor System
  - Blower
  - High Gas Flow
  - High Temperature
  - LEL
  - Low Gas Flow
  - Low Temperature
  - UV Scanner System
  - Power Failure
  - Scheduled Preventive Maintenance

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running yes / no

Control Room Bypass yes / no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment:

Emission Exceedence: yes\* / no

SSM Plan Procedures Followed: yes / no\*

If SSM Plan Procedure **not** followed, explain procedure used:

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date May 3<sup>rd</sup>, 2022  
s m o w th f s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 5:50pm Departure Time 6:05pm  
GEM# EMUSION #2 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 43.5  | 33.4  | 2.5  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1624  | 1.72" | 94   |
| Flare #2        | /     | /     | /    |
| Flare #3        | 1635  | 1.06" | 296  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours  |
|--------------|------|--------|
| Blower #1    | /    | /      |
| Blower #2    | 2100 | 627419 |
| Blower #3    | /    | /      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8935.5

Back Up Generator Running \_\_\_\_\_ yes / no

Google SCFM: am: 41 pm: \_\_\_\_\_

Control Room Bypass \_\_\_\_\_ yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 45.5   | 43.8   | 40.8    |
| CO2 %         | 34.9   | 32.5   | 28.5    |
| O2 %          | 1.5    | 1.1    | 5.2     |
| Vacuum        | -41.7" | -40.7" | -41.5"  |
| SCFM          | 203    | 154    | 126     |
| Temperature   | 65     | 66     | 63      |

The facility's program logic controller \_\_\_\_\_  
automatically reacted diligently and  
expeditiously to shut down the flare station,  
closed the shutdown valve as programmed  
isolating all LFG in the piping system to avoid  
excess emissions, and notified the staff. \_\_\_\_\_ yes / no

The program logic controller or staff restarted \_\_\_\_\_  
the flare station and / or back-up generator in a  
diligent and expeditious manner to avoid excess  
emissions. \_\_\_\_\_ yes / no

Comments and/or Description \_\_\_\_\_  
of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

Reason for Shutdown/Malfunction: \_\_\_\_\_  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

Emission Exceedence: \_\_\_\_\_ yes\* / no

SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it  
must be reported to EPA/BAAQMD within 24 hours per SSM plan.  
(Report to EEC immediately and complete departure report)

Are any comments, descriptions, other \_\_\_\_\_  
information, etc. continued on the back side? \_\_\_\_\_ yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_



**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date May 4<sup>th</sup>, 2022  
s m t w th f s

**AM MONITORING**

**PM MONITORING**

Name Jason R. Bean  
Arrival Time 6:11 AM Departure Time 6:22 AM  
GEM# Emission #4 Manometer  yes  no

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 44.1  | 32.7  | 2.4  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1619  | 1.72" | 94   |
| Flare #2        |       |       |      |
| Flare #3        | 1672  | 1.03" | 293  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours  |
|--------------|------|--------|
| Blower #1    |      |        |
| Blower #2    | 2100 | 627663 |
| Blower #3    |      |        |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8943.2  
Google SCFM: am: 42 pm: \_\_\_\_\_

Back Up Generator Running \_\_\_\_\_ yes / no

Control Room Bypass \_\_\_\_\_ yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 45.2   | 44.1   | 41.8    |
| CO2 %         | 34.5   | 32.8   | 29.1    |
| O2 %          | 1.6    | 1.1    | 4.7     |
| Vacuum        | -41.3" | -40.4" | -41.0"  |
| SCFM          | 211    | 151    | 130     |
| Temperature   | 65     | 66     | 64      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

Reason for Shutdown/Malfunction: \_\_\_\_\_  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

Emission Exceedence: \_\_\_\_\_ yes\* / no

SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date May 5<sup>th</sup>, 2022  
s m t w th f s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 6:27 AM Departure Time 6:43 AM  
GEM# Envision #4 Manometer  yes  no

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>42.5</u> | <u>31.0</u> | <u>2.6</u> |

| Flare Operation | Temp.       | Vac.         | SCFM       |
|-----------------|-------------|--------------|------------|
| Flare #1        | <u>1617</u> | <u>1.72"</u> | <u>95</u>  |
| Flare #2        | <u>/</u>    | <u>/</u>     | <u>/</u>   |
| Flare #3        | <u>1627</u> | <u>1.03"</u> | <u>295</u> |

| Blower Oper. | RPM         | Hours          |
|--------------|-------------|----------------|
| Blower #1    | <u>/</u>    | <u>/</u>       |
| Blower #2    | <u>2100</u> | <u>62790.8</u> |
| Blower #3    | <u>/</u>    | <u>/</u>       |

Air Compressor Hours: 8951.4  
Google SCFM: am: 42 pm:

| LFG at Inlets | 6A NE         | Vista         | F9 / B9      |
|---------------|---------------|---------------|--------------|
| CH4 %         | <u>43.9</u>   | <u>43.3</u>   | <u>40.2</u>  |
| CO2 %         | <u>33.4</u>   | <u>31.8</u>   | <u>28.3</u>  |
| O2 %          | <u>1.9</u>    | <u>1.1</u>    | <u>5.1</u>   |
| Vacuum        | <u>-41.5"</u> | <u>-40.6"</u> | <u>-41.3</u> |
| SCFM          | <u>200</u>    | <u>151</u>    | <u>134</u>   |
| Temperature   | <u>65</u>     | <u>66</u>     | <u>65</u>    |

Time of Shutdown:  
Time of Start-Up:  
Duration of Shutdown/Malfunction:

Reason for Shutdown/Malfunction:  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running \_\_\_\_\_ yes / no

Control Room Bypass \_\_\_\_\_ yes / no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

\_\_\_\_\_

Emission Exceedence: \_\_\_\_\_ yes\* / no

SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no

Signature \_\_\_\_\_

Date \_\_\_\_\_

SSM PLAN REPORT FORM /  
 FLARE STATION DAILY CHECKLIST  
 City of Mountain View Flare Station

Date May April 9<sup>th</sup>, 2022  
 s m t w th f s

AM MONITORING

Name Jason R. Bean  
 Arrival Time 6:15am Departure Time 6:35am  
 GEM# Envision #4 Manometer  yes  no

PM MONITORING

Name \_\_\_\_\_  
 Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
 GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 43.3  | 31.7  | 2.3  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1634  | 1.75" | 95   |
| Flare #2        | /     | /     | /    |
| Flare #3        | 1624  | 1.06" | 296  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | /    | /       |
| Blower #2    | 2100 | 62886.0 |
| Blower #3    | /    | /       |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 8981.7  
 Google SCFM: am: 40 pm: \_\_\_\_\_

Back Up Generator Running \_\_\_\_\_ yes / no  
 Control Room Bypass \_\_\_\_\_ yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 43.9   | 43.4   | 41.7    |
| CO2 %         | 32.8   | 31.9   | 29.0    |
| O2 %          | 1.6    | 0.9    | 4.5     |
| Vacuum        | -41.7" | -40.7" | -41.5"  |
| SCFM          | 204    | 159    | 135     |
| Temperature   | 66     | 66     | 63      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
 Time of Start-Up: \_\_\_\_\_  
 Duration of Shutdown/Malfunction: \_\_\_\_\_

Reason for Shutdown/Malfunction: \_\_\_\_\_  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

Emission Exceedence: \_\_\_\_\_ yes\* / no  
 SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*  
 If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 5-10-22  
s m t w th f s

**AM MONITORING**

Name LEON ROSARIO  
Arrival Time 7am Departure Time 7:15am  
GEM# GNV #4 Manometer  yes  no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 42.6  | 31.1  | 2.4  |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1625  | 1.66" | 94   |
| Flare #2        | /     | /     | /    |
| Flare #3        | 1624  | 1.00" | 296  |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | /    | /       |
| Blower #2    | 2100 | 62910.7 |
| Blower #3    | /    | /       |

Air Compressor Hours: 8989.9  
Google SCFM: am: 36 pm:

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 43.2   | 43.2   | 40.2    |
| CO2 %         | 32.6   | 31.8   | 28.0    |
| O2 %          | 1.8    | 1.0    | 4.9     |
| Vacuum        | -41.9" | -41.1" | -42.0"  |
| SCFM          | 212    | 166    | 94      |
| Temperature   | 65     | 66     | 63      |

Time of Shutdown:  
Time of Start-Up:  
Duration of Shutdown/Malfunction:

Reason for Shutdown/Malfunction:  
 Air-Compressor System     Blower     High Gas Flow  
 High Temperature     LEL     Low Gas Flow  
 Low Temperature     UV Scanner System  
 Power Failure     Scheduled Preventive Maintenance

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running yes / no

Control Room Bypass yes / no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment:

Emission Exceedence: yes\* / no

SSM Plan Procedures Followed: yes / no\*

If SSM Plan Procedure not followed, explain procedure used:

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

Signature

Date

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date June 1<sup>st</sup>, 2022  
s m t w th f s

**AM MONITORING**

Name Jason R. Bean  
Arrival Time 6:48am Departure Time 7:03pm  
GEM# ENVISION #4 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 44.7  | 31.3  | 2.1  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1625  | 1.45" | 86   |
| Flare #2        | /     | /     | /    |
| Flare #3        | 1766  | 0.87" | 264  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours  |
|--------------|------|--------|
| Blower #1    | /    | /      |
| Blower #2    | /    | /      |
| Blower #3    | 2100 | 2908.1 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 9154.8  
Google SCFM: am: 40 pm: \_\_\_\_\_

Back Up Generator Running yes / no

Control Room Bypass yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 47.0   | 44.9   | 41.8    |
| CO2 %         | 33.4   | 32.0   | 29.0    |
| O2 %          | 1.4    | 0.8    | 4.3     |
| Vacuum        | -41.8" | -40.9" | -41.7"  |
| SCFM          | 163    | 150    | 128     |
| Temperature   | 70     | 71     | 68      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

Reason for Shutdown/Malfunction:

- Air-Compressor System
- Blower
- High Gas Flow
- High Temperature
- LEL
- Low Gas Flow
- Low Temperature
- UV Scanner System
- Power Failure
- Scheduled Preventive Maintenance

Emission Exceedence: yes\* / no

SSM Plan Procedures Followed: yes / no\*

If SSM Plan Procedure not followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

SSM PLAN REPORT FORM /  
 FLARE STATION DAILY CHECKLIST  
 City of Mountain View Flare Station

Date June 9<sup>th</sup>, 2022  
 s m t w th f s

AM MONITORING

Name Jason R. Bean  
 Arrival Time 7:24am Departure Time 7:32am  
 GFM# ENVISION #4 Manometer  yes  no

PM MONITORING

Name \_\_\_\_\_  
 Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
 GFM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 44.1  | 34.4  | 2.2  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1636  | 1.84" | 97   |
| Flare #2        | /     | /     | /    |
| Flare #3        | 1645  | 1.04" | 291  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | /    | /       |
| Blower #2    | /    | /       |
| Blower #3    | 2100 | 29218.6 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 29218.6

Back Up Generator Running yes / no

Google SCFM: am: 6 pm: \_\_\_\_\_

Control Room Bypass yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 46.4   | 44.6   | 40.5    |
| CO2 %         | 33.0   | 31.6   | 27.9    |
| O2 %          | 1.5    | 0.8    | 4.4     |
| Vacuum        | -41.3" | -40.4" | -41.1"  |
| SCFM          | 165    | 151    | 128     |
| Temperature   | 71     | 72     | 69      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
 Time of Start-Up: \_\_\_\_\_  
 Duration of Shutdown/Malfunction: \_\_\_\_\_

Reason for Shutdown/Malfunction:

- Air-Compressor System
- Blower
- High Gas Flow
- High Temperature
- LEL
- Low Gas Flow
- Low Temperature
- UV Scanner System
- Power Failure
- Scheduled Preventive Maintenance

Emission Exceedence: yes\* / no

SSM Plan Procedures Followed: yes / no\*

If SSM Plan Procedure not followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date JUNE 10<sup>TH</sup> 2022  
s m t w th (F) s

**AM MONITORING**

**PM MONITORING**

Name PAUL BANDA

Name \_\_\_\_\_

Arrival Time 6:06 AM Departure Time 6:20 AM

Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_

GEM# ENV#4 Manometer  yes  no

GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 43.0  | 32.6  | 2.2  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1623  | 1.49" | 86   |
| Flare #2        | —     | —     | —    |
| Flare #3        | 1542  | 0.87" | 263  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | —    | —       |
| Blower #2    | —    | —       |
| Blower #3    | 2100 | 29241.3 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 9226.1

Back Up Generator Running \_\_\_\_\_ yes / no

Google SCFM: am: 42 pm: \_\_\_\_\_

Control Room Bypass \_\_\_\_\_ yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 45.2   | 43.4   | 39.7    |
| CO2 %         | 34.3   | 32.4   | 29.0    |
| O2 %          | 1.6    | 0.8    | 4.6     |
| Vacuum        | -41.5" | -40.6" | -41.2"  |
| SCFM          | 165    | 145    | 129     |
| Temperature   | 72     | 72     | 70      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. \_\_\_\_\_ yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. \_\_\_\_\_ yes / no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_

Time of Start-Up: \_\_\_\_\_

Duration of Shutdown/Malfunction: \_\_\_\_\_

- Reason for Shutdown/Malfunction:
- Air-Compressor System
  - Blower
  - High Gas Flow
  - High Temperature
  - LEL
  - Low Gas Flow
  - Low Temperature
  - UV Scanner System
  - Power Failure
  - Scheduled Preventive Maintenance

Emission Exceedence: \_\_\_\_\_ yes\* / no

SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*

If SSM Plan Procedure not followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date JUNE 14<sup>th</sup>, 2022  
s m t w th f s

**AM MONITORING**

Name JASON R BEAN  
Arrival Time 7:22 AM Departure Time 7:31 PM  
GEM# ENHILSON #4 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 43.6  | 31.8  | 2.1  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1633  | 2.74" | 116  |
| Flare #2        | 1624  | 2.00" | 227  |
| Flare #3        |       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours  |
|--------------|------|--------|
| Blower #1    |      |        |
| Blower #2    |      |        |
| Blower #3    | 2100 | 213360 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 9260.8  
Google SCFM: am: 42 pm: \_\_\_\_\_

Back Up Generator Running yes / no  
Control Room Bypass yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 46.0   | 44.3   | 40.2    |
| CO2 %         | 33.7   | 32.4   | 28.3    |
| O2 %          | 1.3    | 0.8    | 4.4     |
| Vacuum        | -40.3" | -39.5" | -40.2"  |
| SCFM          | 162    | 151    | 126     |
| Temperature   | 73     | 73     | 70      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff.

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions.

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

Reason for Shutdown/Malfunction:  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

Emission Exceedence: yes\* / no  
SSM Plan Procedures Followed: yes / no\*  
If SSM Plan Procedure not followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_



SSM PLAN REPORT FORM /  
 FLARE STATION DAILY CHECKLIST  
 City of Mountain View Flare Station

Date June 15<sup>th</sup>, 2022  
 s m t w th f s

AM MONITORING

Name Jason R. Bean  
 Arrival Time 7:36pm Departure Time 7:48pm  
 GEM# Envision #2 Manometer  yes  no

PM MONITORING

Name \_\_\_\_\_  
 Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
 GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>43.8</u> | <u>30.9</u> | <u>2.4</u> |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp.       | Vac.         | SCFM       |
|-----------------|-------------|--------------|------------|
| Flare #1        | <u>1619</u> | <u>2.78"</u> | <u>117</u> |
| Flare #2        | <u>1617</u> | <u>1.98"</u> | <u>229</u> |
| Flare #3        | <u>/</u>    | <u>/</u>     | <u>/</u>   |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM         | Hours         |
|--------------|-------------|---------------|
| Blower #1    | <u>/</u>    | <u>/</u>      |
| Blower #2    | <u>/</u>    | <u>/</u>      |
| Blower #3    | <u>2100</u> | <u>2360.3</u> |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 9269.5  
 Google SCFM: am: 41 pm: \_\_\_\_\_

Back Up Generator Running \_\_\_\_\_ yes / no

Control Room Bypass \_\_\_\_\_ yes / no

| LFG at Inlets | 6A NE         | Vista         | F9 / B9       |
|---------------|---------------|---------------|---------------|
| CH4 %         | <u>45.7</u>   | <u>44.2</u>   | <u>40.7</u>   |
| CO2 %         | <u>32.6</u>   | <u>31.6</u>   | <u>29.1</u>   |
| O2 %          | <u>1.6</u>    | <u>0.7</u>    | <u>4.2</u>    |
| Vacuum        | <u>-40.0"</u> | <u>-39.2"</u> | <u>-39.9"</u> |
| SCFM          | <u>163</u>    | <u>149</u>    | <u>129</u>    |
| Temperature   | <u>74</u>     | <u>74</u>     | <u>71</u>     |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. \_\_\_\_\_ yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. \_\_\_\_\_ yes / no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
 Time of Start-Up: \_\_\_\_\_  
 Duration of Shutdown/Malfunction: \_\_\_\_\_

Reason for Shutdown/Malfunction:  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

Emission Exceedence: \_\_\_\_\_ yes\* / no

SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*

If SSM Plan Procedure **not** followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are **not** followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 6-16-22  
s m t w **th** f s

**AM MONITORING**

Name LEON ROSENZ  
Arrival Time 8:35am Departure Time 8:45am  
GEM# ENV #9 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 49.0  | 31.2  | 2.0  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1624  | 2.74" | 117  |
| Flare #2        | 1629  | 2.10" | 230  |
| Flare #3        | /     | /     | /    |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | /    | /       |
| Blower #2    | /    | /       |
| Blower #3    | 2100 | 29385.2 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 9278.2  
Google SCFM: am: 40 pm: \_\_\_\_\_

Back Up Generator Running \_\_\_\_\_ yes / no  
Control Room Bypass \_\_\_\_\_ yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 46.1   | 49.4   | 40.8    |
| CO2 %         | 33.8   | 32.3   | 29.0    |
| O2 %          | 1.2    | 0.8    | 4.2     |
| Vacuum        | -39.4" | -39.1" | -39.7"  |
| SCFM          | 160    | 152    | 126     |
| Temperature   | 75     | 74     | 75      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. \_\_\_\_\_ yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. \_\_\_\_\_ yes / no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

Reason for Shutdown/Malfunction: \_\_\_\_\_  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

Emission Exceedence: \_\_\_\_\_ yes\* / no  
SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*  
If SSM Plan Procedure not followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 6-17-22  
s m t w th f s

**AM MONITORING**

**PM MONITORING**

Name LEON ROSAZZO  
Arrival Time 6:41 am Departure Time 6:56 am  
GEM# ENV #4 Manometer  yes  no

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 43.3  | 30.8  | 2.2  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1628  | 2.68" | 117  |
| Flare #2        | 1633  | 2.01" | 228  |
| Flare #3        | /     | /     | /    |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | /    | /       |
| Blower #2    | /    | /       |
| Blower #3    | 2100 | 29407.3 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 9286.6  
Google SCFM: am: 39 pm: \_\_\_\_\_

Back Up Generator Running \_\_\_\_\_ yes / no  
Control Room Bypass \_\_\_\_\_ yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 46.0   | 49.1   | 39.2    |
| CO2 %         | 33.2   | 31.4   | 27.7    |
| O2 %          | 1.4    | 0.8    | 4.8     |
| Vacuum        | -40.4" | -39.6" | -40.3"  |
| SCFM          | 163    | 152    | 130     |
| Temperature   | 73     | 73     | 70      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. \_\_\_\_\_ yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. \_\_\_\_\_ yes / no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

- Reason for Shutdown/Malfunction:
- Air-Compressor System     Blower     High Gas Flow
  - High Temperature     LEL     Low Gas Flow
  - Low Temperature     UV Scanner System
  - Power Failure     Scheduled Preventive Maintenance

Emission Exceedence: \_\_\_\_\_ yes\* / no  
SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*  
If SSM Plan Procedure not followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 6-20-22  
s m t w th f s

**AM MONITORING**

Name LEON ROSARIO

Arrival Time 7:18am Departure Time 7:28am

GEM# CNV #9 Manometer  yes  no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 43.7  | 31.4  | 2.2  |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1633  | 2.78" | 116  |
| Flare #2        | 1626  | 2.07" | 229  |
| Flare #3        |       |       |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    |      |         |
| Blower #2    |      |         |
| Blower #3    | 2100 | 29479.9 |

Air Compressor Hours: 9313.2

Google SCFM: am: 41 pm:

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 45.8   | 44.8   | 40.6    |
| CO2 %         | 32.5   | 31.8   | 28.3    |
| O2 %          | 1.5    | 0.9    | 4.5     |
| Vacuum        | -40.6" | -39.7" | -40.3"  |
| SCFM          | 160    | 151    | 123     |
| Temperature   | 73     | 74     | 71      |

Time of Shutdown:  
Time of Start-Up:  
Duration of Shutdown/Malfunction:

Reason for Shutdown/Malfunction:

- Air-Compressor System
- Blower
- High Gas Flow
- High Temperature
- LEL
- Low Gas Flow
- Low Temperature
- UV Scanner System
- Power Failure
- Scheduled Preventive Maintenance

**PM MONITORING**

Name \_\_\_\_\_

Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_

GEM# \_\_\_\_\_ Manometer yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Back Up Generator Running yes / no

Control Room Bypass yes / no

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. yes / no

Comments and/or Description of Malfunction and Affected Equipment:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Emission Exceedence: yes\* / no

SSM Plan Procedures Followed: yes / no\*

If SSM Plan Procedure not followed, explain procedure used:

\_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? yes / no

Signature \_\_\_\_\_

Date \_\_\_\_\_

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 6-21-22  
s m t w th f s

**AM MONITORING**

Name LEON RAMAÑO  
Arrival Time 7:42am Departure Time 7:53am  
GEM# ENV # 4 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 %       | CO2 %       | O2 %       |
|-------------|-------------|------------|
| <u>46.0</u> | <u>30.5</u> | <u>2.3</u> |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp.       | Vac.         | SCFM       |
|-----------------|-------------|--------------|------------|
| Flare #1        | <u>1627</u> | <u>6.89"</u> | <u>183</u> |
| Flare #2        | <u>1626</u> | <u>5.42"</u> | <u>367</u> |
| Flare #3        | <u>/</u>    | <u>/</u>     | <u>/</u>   |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM         | Hours          |
|--------------|-------------|----------------|
| Blower #1    | <u>/</u>    | <u>/</u>       |
| Blower #2    | <u>/</u>    | <u>/</u>       |
| Blower #3    | <u>2100</u> | <u>29509.9</u> |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 9321.6  
Google SCFM: am: 41 pm: \_\_\_\_\_

Back Up Generator Running \_\_\_\_\_ yes / no  
Control Room Bypass \_\_\_\_\_ yes / no  
The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. \_\_\_\_\_ yes / no

| LFG at Inlets | 6A NE         | Vista         | F9 / B9       |
|---------------|---------------|---------------|---------------|
| CH4 %         | <u>48.2</u>   | <u>44.8</u>   | <u>40.5</u>   |
| CO2 %         | <u>29.8</u>   | <u>30.8</u>   | <u>27.9</u>   |
| O2 %          | <u>2.1</u>    | <u>0.8</u>    | <u>4.1</u>    |
| Vacuum        | <u>-35.1"</u> | <u>-34.2"</u> | <u>-34.7"</u> |
| SCFM          | <u>361</u>    | <u>139</u>    | <u>115</u>    |
| Temperature   | <u>75</u>     | <u>75</u>     | <u>72</u>     |

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. \_\_\_\_\_ yes / no  
Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_  
Reason for Shutdown/Malfunction: \_\_\_\_\_  
 Air-Compressor System    Blower    High Gas Flow  
 High Temperature    LEL    Low Gas Flow  
 Low Temperature    UV Scanner System  
 Power Failure    Scheduled Preventive Maintenance

Emission Exceedence: \_\_\_\_\_ yes\* / no  
SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*  
If SSM Plan Procedure not followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Signature \_\_\_\_\_ Date \_\_\_\_\_

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no

**SSM PLAN REPORT FORM /  
FLARE STATION DAILY CHECKLIST**  
City of Mountain View Flare Station

Date 6-22-22  
s m t w th f s

**AM MONITORING**

Name LEON ROSARIO  
Arrival Time 6:47am Departure Time 6:55pm  
GEM# ENV # 4 Manometer  yes  no

**PM MONITORING**

Name \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Departure Time \_\_\_\_\_  
GEM# \_\_\_\_\_ Manometer \_\_\_\_\_ yes / no

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
| 43.1  | 31.2  | 2.3  |

LFG to Flares

| CH4 % | CO2 % | O2 % |
|-------|-------|------|
|       |       |      |

| Flare Operation | Temp. | Vac.  | SCFM |
|-----------------|-------|-------|------|
| Flare #1        | 1630  | 2.07" | 101  |
| Flare #2        | /     | /     | /    |
| Flare #3        | 1616  | 1.31" | 325  |

| Flare Operation | Temp. | Vac. | SCFM |
|-----------------|-------|------|------|
| Flare #1        |       |      |      |
| Flare #2        |       |      |      |
| Flare #3        |       |      |      |

| Blower Oper. | RPM  | Hours   |
|--------------|------|---------|
| Blower #1    | /    | /       |
| Blower #2    | /    | /       |
| Blower #3    | 2100 | 29527.4 |

| LFG at Inlets | 6A NE | Vista | F9 / B9 |
|---------------|-------|-------|---------|
| Vacuum        |       |       |         |
| SCFM          |       |       |         |

Air Compressor Hours: 9329.4  
Google SCFM: am: 30 pm: \_\_\_\_\_

Back Up Generator Running \_\_\_\_\_ yes / no  
Control Room Bypass \_\_\_\_\_ yes / no

| LFG at Inlets | 6A NE  | Vista  | F9 / B9 |
|---------------|--------|--------|---------|
| CH4 %         | 45.1   | 43.5   | 40.1    |
| CO2 %         | 32.6   | 30.6   | 28.7    |
| O2 %          | 1.6    | 0.9    | 4.5     |
| Vacuum        | -40.0" | -39.4" | -40.0"  |
| SCFM          | 159    | 143    | 126     |
| Temperature   | 75     | 74     | 73      |

The facility's program logic controller automatically reacted diligently and expeditiously to shut down the flare station, closed the shutdown valve as programmed isolating all LFG in the piping system to avoid excess emissions, and notified the staff. \_\_\_\_\_ yes / no

The program logic controller or staff restarted the flare station and / or back-up generator in a diligent and expeditious manner to avoid excess emissions. \_\_\_\_\_ yes / no

Comments and/or Description of Malfunction and Affected Equipment: \_\_\_\_\_

Time of Shutdown: \_\_\_\_\_  
Time of Start-Up: \_\_\_\_\_  
Duration of Shutdown/Malfunction: \_\_\_\_\_

Reason for Shutdown/Malfunction:  
 Air-Compressor System  Blower  High Gas Flow  
 High Temperature  LEL  Low Gas Flow  
 Low Temperature  UV Scanner System  
 Power Failure  Scheduled Preventive Maintenance

Emission Exceedence: \_\_\_\_\_ yes\* / no  
SSM Plan Procedures Followed: \_\_\_\_\_ yes / no\*  
If SSM Plan Procedure not followed, explain procedure used: \_\_\_\_\_

\* If Emission Exceedence or SSM Procedures are not followed it must be reported to EPA/BAAQMD within 24 hours per SSM plan. (Report to EEC immediately and complete departure report)

Are any comments, descriptions, other information, etc. continued on the back side? \_\_\_\_\_ yes / no

Signature \_\_\_\_\_ Date \_\_\_\_\_

## SECTION VII

# CONTINUOUS TEMPERATURE AND FLOW MONITORING RECORDS

1 Hour

1 Day

3 Days

12 Hour

6 Hour

Custom

Reset Chart

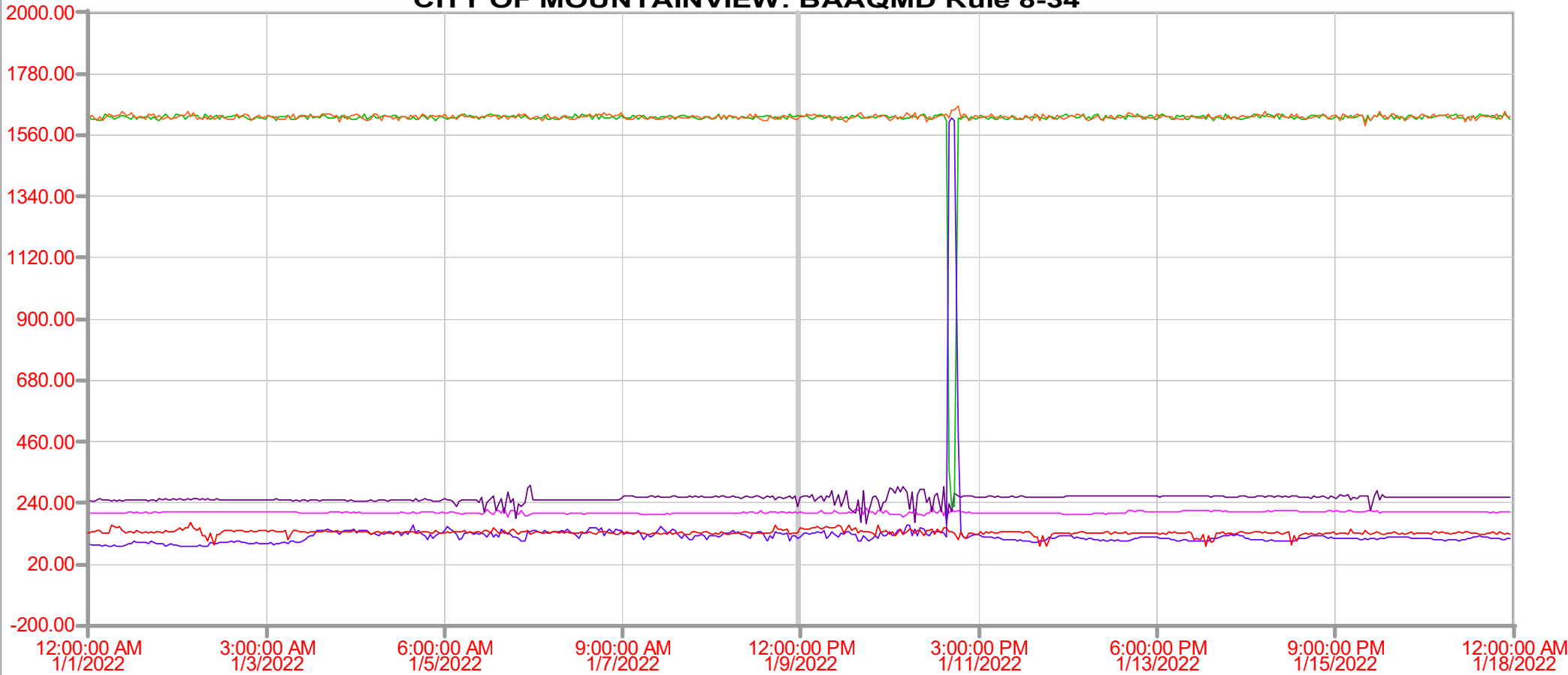
Trend Selection:

BAAQMD Rule 8-34

GO

Print

### CITY OF MOUNTAINVIEW: BAAQMD Rule 8-34



|                           |                                    |         |
|---------------------------|------------------------------------|---------|
| Hist.MOC_Host.R46GolfFlow | Golf Course Flow (scfm) (F_CV)     | 132.08  |
| Hist.MOC_Host.R46vistaFlo | Vista Flow (scfm) (F_CV)           | 205.08  |
| Hist.MOC_Host.R46cell9aFI | Cell 6A NE Flow (scfm) (F_CV)      | 228.59  |
| Hist.MOC_Host.R46Flr6Temp | Flare 6 Temperature (deg F) (F_CV) | 1628.80 |
| Hist.MOC_Host.R46Flr7Temp | Flare 7 Temperature (deg F) (F_CV) | 116.29  |
| Hist.MOC_Host.R46Flr8Temp | Flare 8 Temp (deg F) (F_CV)        | 1617.92 |





1 Hour

1 Day

3 Days

12 Hour

6 Hour

Custom

Reset Chart

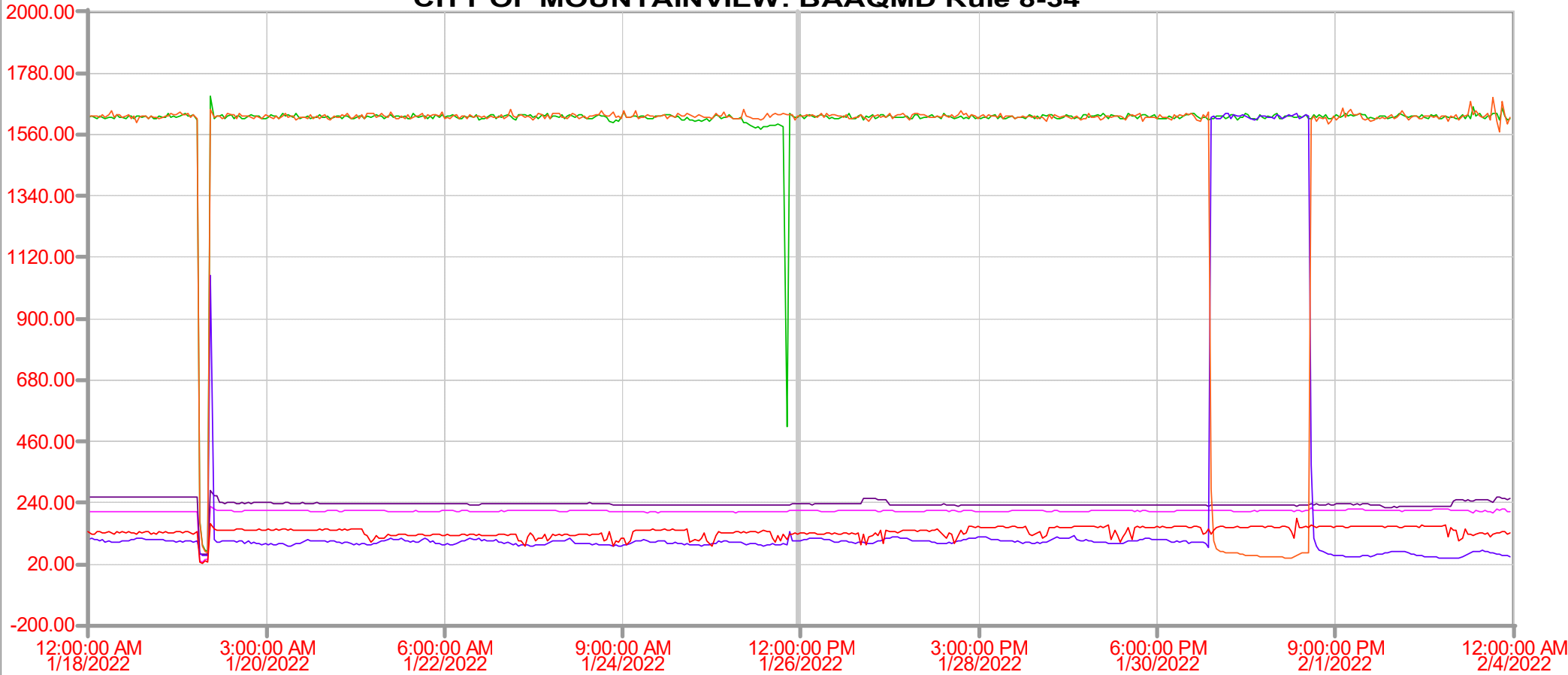
Trend Selection:

BAAQMD Rule 8-34

GO

Print

### CITY OF MOUNTAINVIEW: BAAQMD Rule 8-34



|                           |                                    |         |
|---------------------------|------------------------------------|---------|
| Hist.MOC_Host.R46GolfFlow | Golf Course Flow (scfm) (F_CV)     | 130.20  |
| Hist.MOC_Host.R46vistaFlo | Vista Flow (scfm) (F_CV)           | 213.04  |
| Hist.MOC_Host.R46cell9aFI | Cell 6A NE Flow (scfm) (F_CV)      | 237.00  |
| Hist.MOC_Host.R46Flr6Temp | Flare 6 Temperature (deg F) (F_CV) | 1620.00 |
| Hist.MOC_Host.R46Flr7Temp | Flare 7 Temperature (deg F) (F_CV) | 103.08  |
| Hist.MOC_Host.R46Flr8Temp | Flare 8 Temp (deg F) (F_CV)        | 1626.47 |



1 Hour

1 Day

3 Days

12 Hour

6 Hour

Custom

Reset Chart

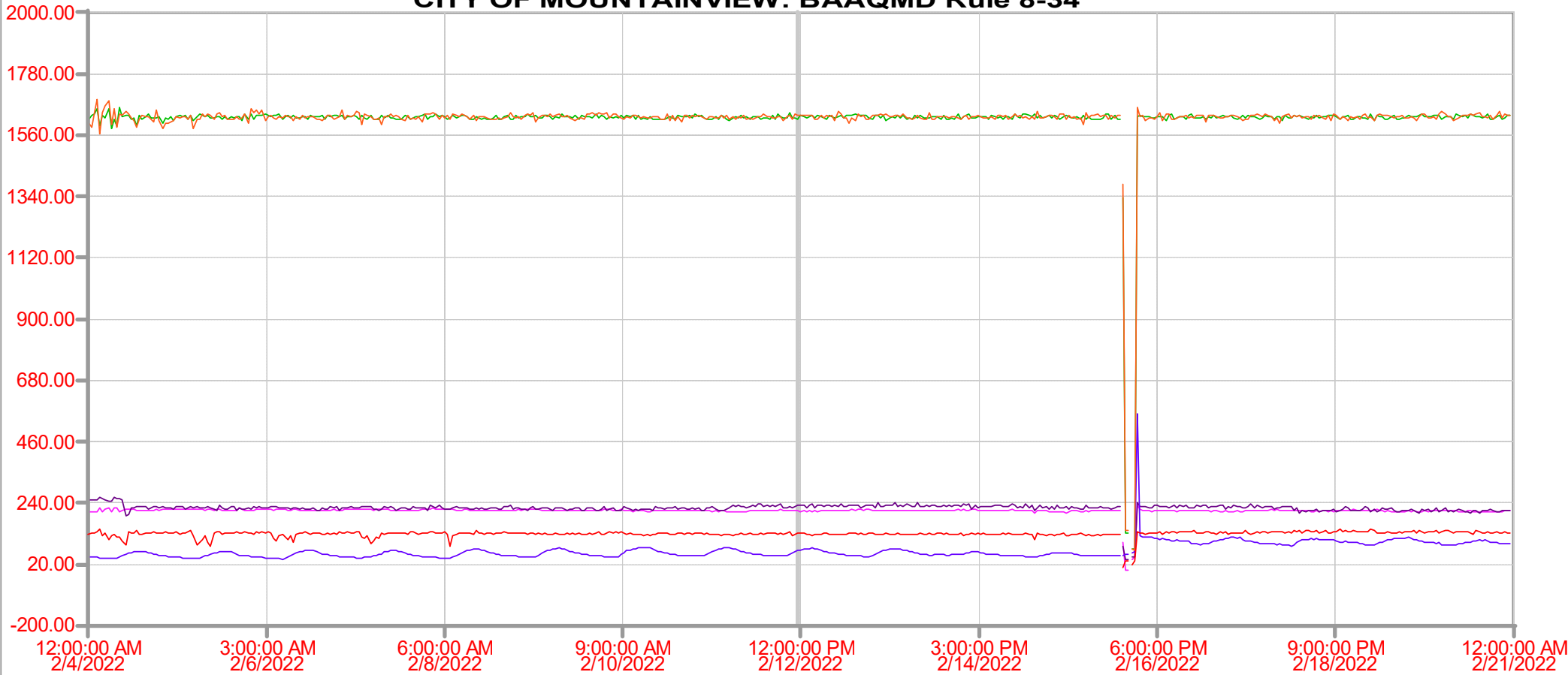
Trend Selection:

BAAQMD Rule 8-34

GO

Print

### CITY OF MOUNTAINVIEW: BAAQMD Rule 8-34



|                           |                                    |         |
|---------------------------|------------------------------------|---------|
| Hist.MOC_Host.R46GolfFlow | Golf Course Flow (scfm) (F_CV)     | 133.67  |
| Hist.MOC_Host.R46vistaFlo | Vista Flow (scfm) (F_CV)           | 214.00  |
| Hist.MOC_Host.R46cell9aFI | Cell 6A NE Flow (scfm) (F_CV)      | 230.96  |
| Hist.MOC_Host.R46Flr6Temp | Flare 6 Temperature (deg F) (F_CV) | 1617.25 |
| Hist.MOC_Host.R46Flr7Temp | Flare 7 Temperature (deg F) (F_CV) | 69.80   |
| Hist.MOC_Host.R46Flr8Temp | Flare 8 Temp (deg F) (F_CV)        | 1629.25 |



1 Hour

1 Day

3 Days

12 Hour

6 Hour

Custom

Reset Chart

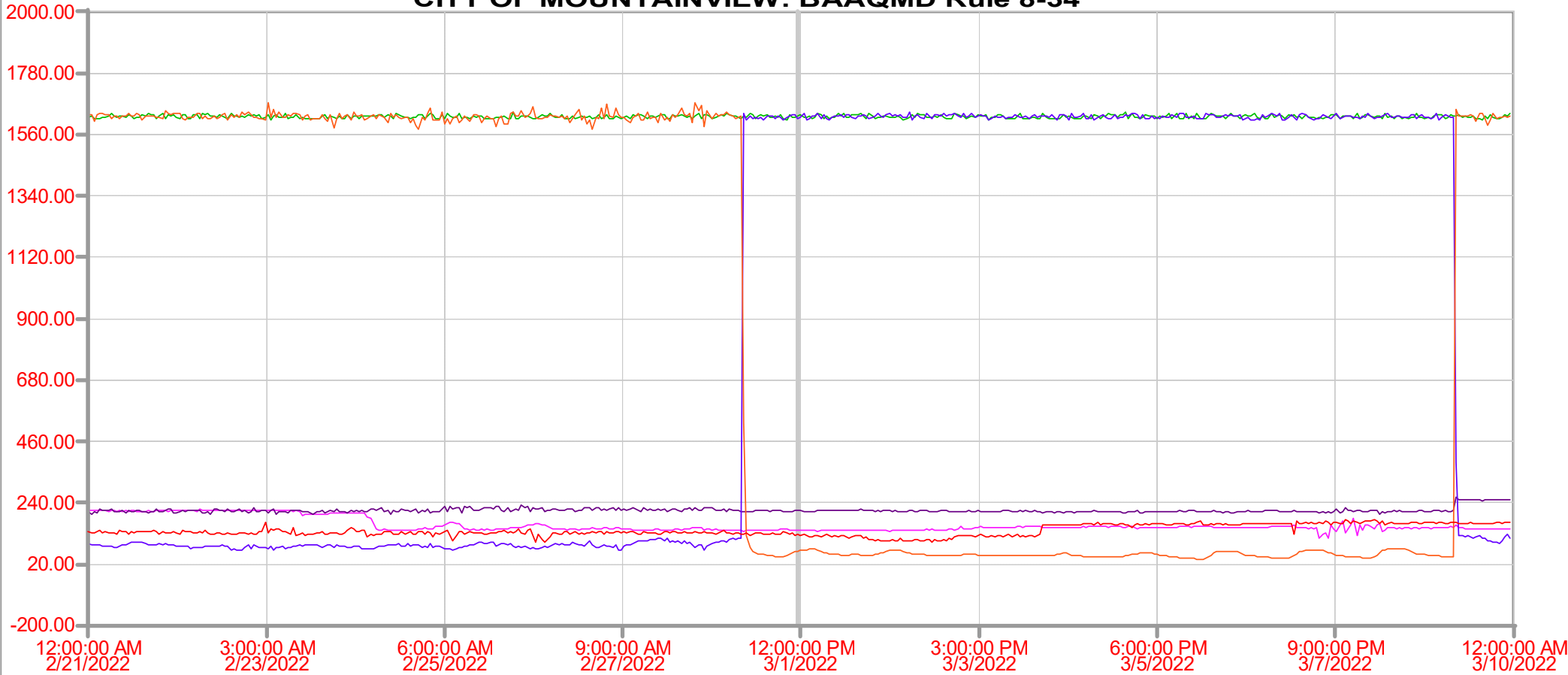
Trend Selection:

BAAQMD Rule 8-34

GO

Print

### CITY OF MOUNTAINVIEW: BAAQMD Rule 8-34



|                           |                                    |         |
|---------------------------|------------------------------------|---------|
| Hist.MOC_Host.R46GolfFlow | Golf Course Flow (scfm) (F_CV)     | 127.84  |
| Hist.MOC_Host.R46vistaFlo | Vista Flow (scfm) (F_CV)           | 141.00  |
| Hist.MOC_Host.R46cell9aFI | Cell 6A NE Flow (scfm) (F_CV)      | 213.00  |
| Hist.MOC_Host.R46Flr6Temp | Flare 6 Temperature (deg F) (F_CV) | 1624.84 |
| Hist.MOC_Host.R46Flr7Temp | Flare 7 Temperature (deg F) (F_CV) | 1618.45 |
| Hist.MOC_Host.R46Flr8Temp | Flare 8 Temp (deg F) (F_CV)        | 66.92   |



1 Hour

1 Day

3 Days

12 Hour

6 Hour

Custom

Reset Chart

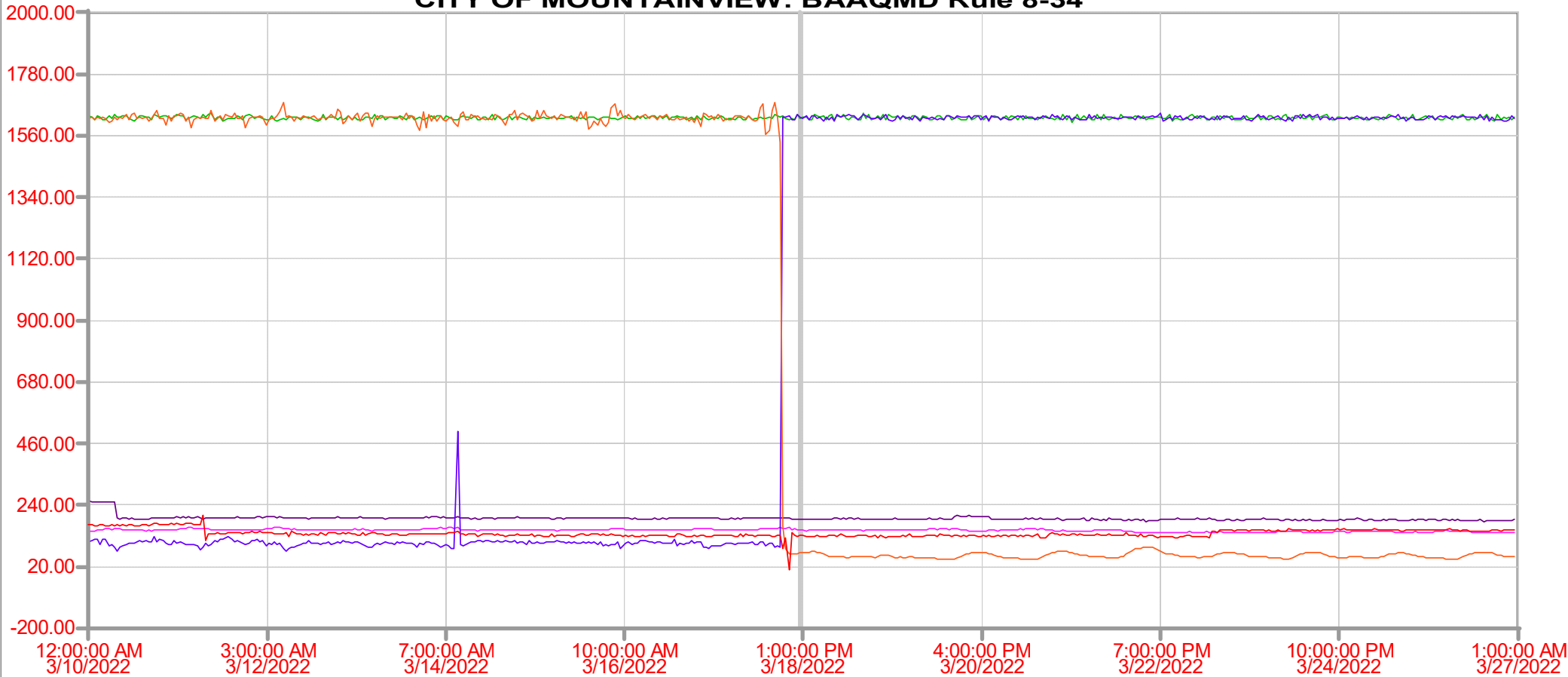
Trend Selection:

BAAQMD Rule 8-34

GO

Print

### CITY OF MOUNTAINVIEW: BAAQMD Rule 8-34



|                           |                                    |         |
|---------------------------|------------------------------------|---------|
| Hist.MOC_Host.R46GolfFlow | Golf Course Flow (scfm) (F_CV)     | 131.84  |
| Hist.MOC_Host.R46vistaFlo | Vista Flow (scfm) (F_CV)           | 150.16  |
| Hist.MOC_Host.R46cell9aFI | Cell 6A NE Flow (scfm) (F_CV)      | 191.00  |
| Hist.MOC_Host.R46Flr6Temp | Flare 6 Temperature (deg F) (F_CV) | 1622.61 |
| Hist.MOC_Host.R46Flr7Temp | Flare 7 Temperature (deg F) (F_CV) | 1625.41 |
| Hist.MOC_Host.R46Flr8Temp | Flare 8 Temp (deg F) (F_CV)        | 68.92   |



1 Hour

1 Day

3 Days

12 Hour

6 Hour

Custom

Reset Chart

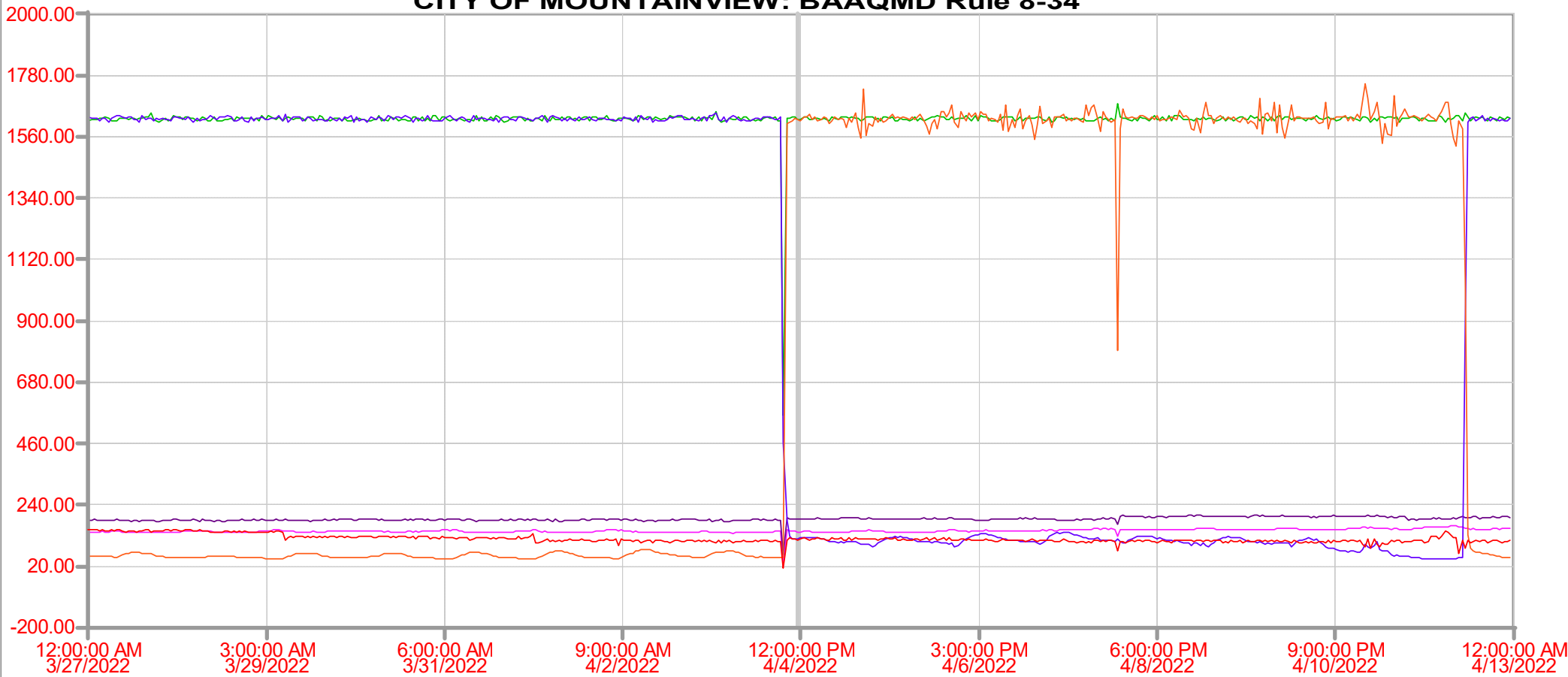
Trend Selection:

BAAQMD Rule 8-34

GO

Print

### CITY OF MOUNTAINVIEW: BAAQMD Rule 8-34



|                           |                                    |         |
|---------------------------|------------------------------------|---------|
| Hist.MOC_Host.R46GolfFlow | Golf Course Flow (scfm) (F_CV)     | 116.12  |
| Hist.MOC_Host.R46vistaFlo | Vista Flow (scfm) (F_CV)           | 144.04  |
| Hist.MOC_Host.R46cell9aFI | Cell 6A NE Flow (scfm) (F_CV)      | 192.00  |
| Hist.MOC_Host.R46Flr6Temp | Flare 6 Temperature (deg F) (F_CV) | 1622.33 |
| Hist.MOC_Host.R46Flr7Temp | Flare 7 Temperature (deg F) (F_CV) | 119.92  |
| Hist.MOC_Host.R46Flr8Temp | Flare 8 Temp (deg F) (F_CV)        | 1621.12 |



1 Hour

1 Day

3 Days

12 Hour

6 Hour

Custom

Reset Chart

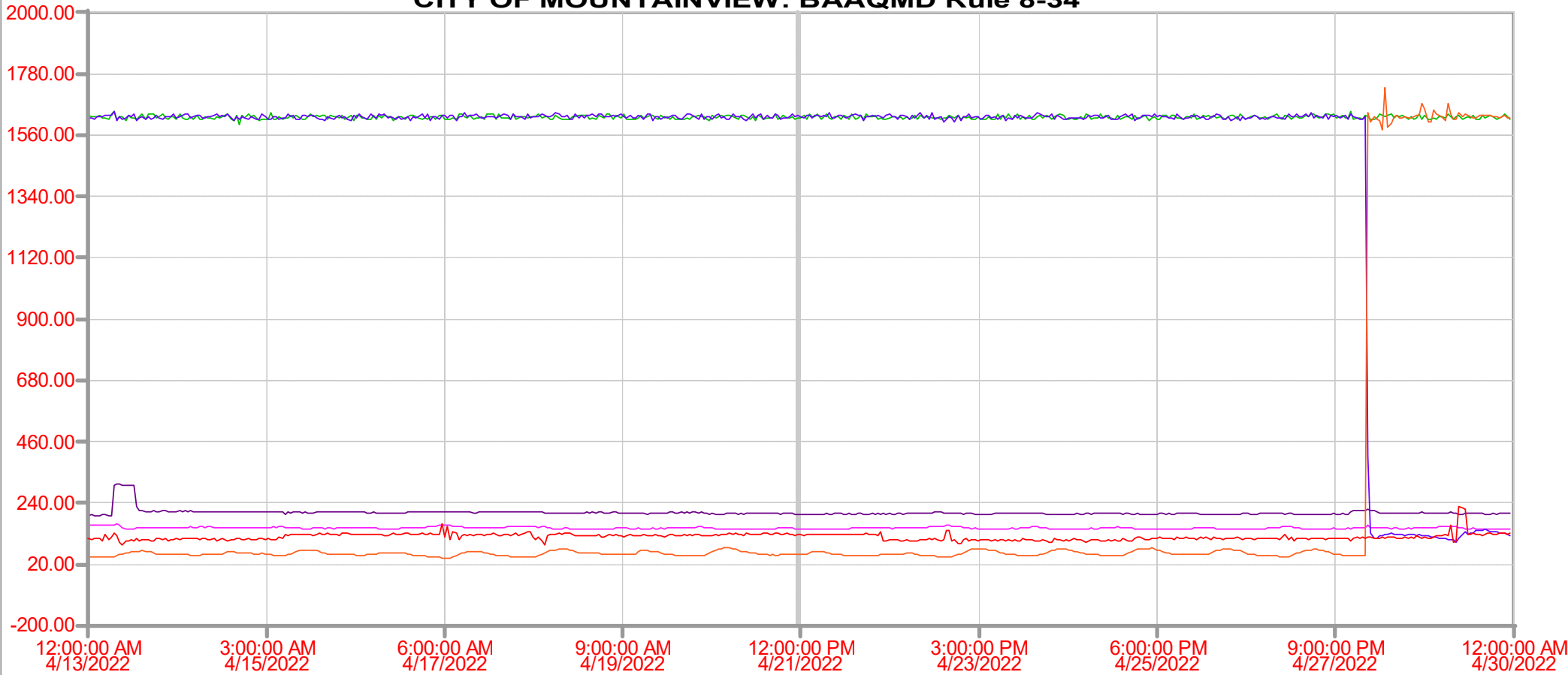
Trend Selection:

BAAQMD Rule 8-34

GO

Print

### CITY OF MOUNTAINVIEW: BAAQMD Rule 8-34



|                           |                                    |         |
|---------------------------|------------------------------------|---------|
| Hist.MOC_Host.R46GolfFlow | Golf Course Flow (scfm) (F_CV)     | 127.75  |
| Hist.MOC_Host.R46vistaFlo | Vista Flow (scfm) (F_CV)           | 147.00  |
| Hist.MOC_Host.R46cell9aFI | Cell 6A NE Flow (scfm) (F_CV)      | 198.12  |
| Hist.MOC_Host.R46Flr6Temp | Flare 6 Temperature (deg F) (F_CV) | 1620.84 |
| Hist.MOC_Host.R46Flr7Temp | Flare 7 Temperature (deg F) (F_CV) | 1629.92 |
| Hist.MOC_Host.R46Flr8Temp | Flare 8 Temp (deg F) (F_CV)        | 57.00   |



1 Hour

1 Day

3 Days

12 Hour

6 Hour

Custom

Reset Chart

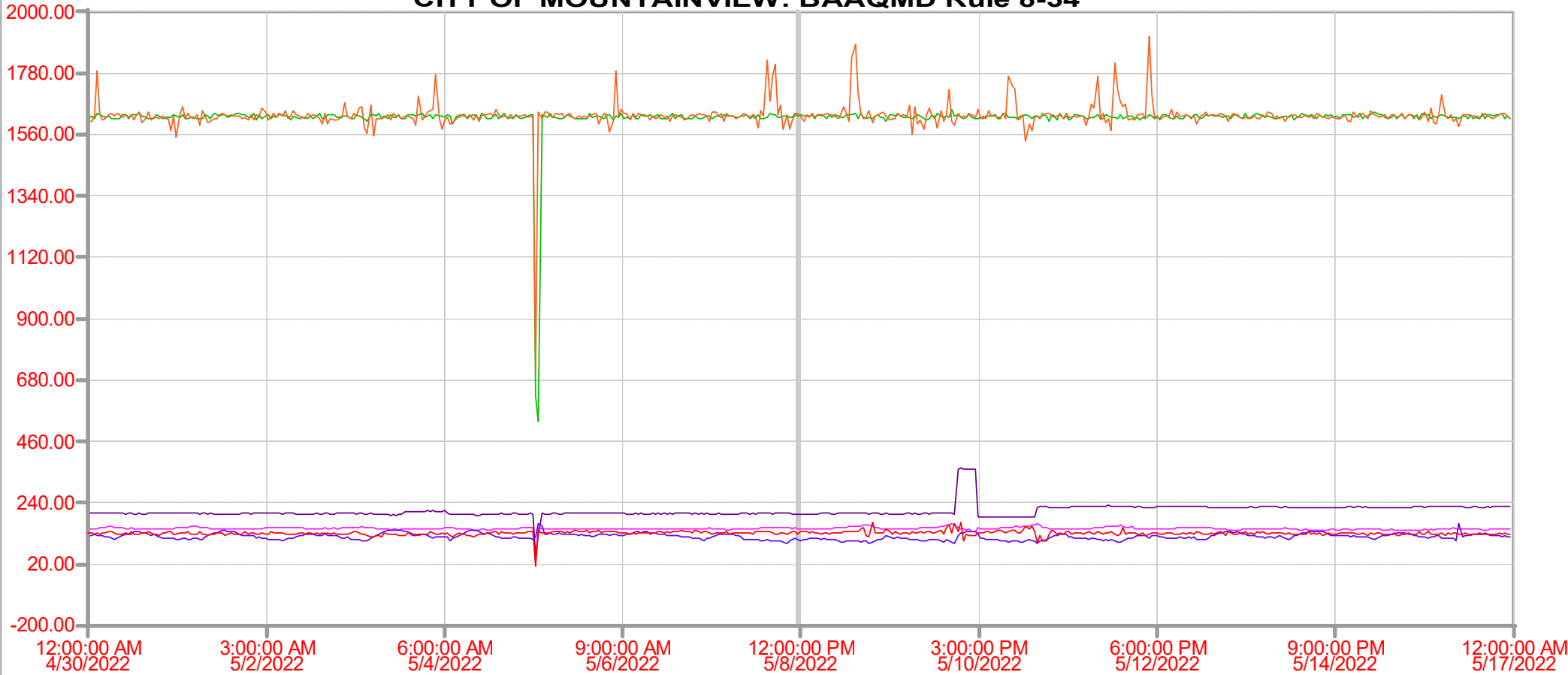
Trend Selection:

BAAQMD Rule 8-34

GO

Print

### CITY OF MOUNTAINVIEW: BAAQMD Rule 8-34



|                           |                                    |         |
|---------------------------|------------------------------------|---------|
| Hist.MOC_Host.R46GolfFlow | Golf Course Flow (scfm) (F_CV)     | 130.25  |
| Hist.MOC_Host.R46vistaFlo | Vista Flow (scfm) (F_CV)           | 148.08  |
| Hist.MOC_Host.R46cell9aFI | Cell 6A NE Flow (scfm) (F_CV)      | 201.00  |
| Hist.MOC_Host.R46Flr6Temp | Flare 6 Temperature (deg F) (F_CV) | 1625.41 |
| Hist.MOC_Host.R46Flr7Temp | Flare 7 Temperature (deg F) (F_CV) | 108.25  |
| Hist.MOC_Host.R46Flr8Temp | Flare 8 Temp (deg F) (F_CV)        | 1636.84 |



1 Hour

1 Day

3 Days

12 Hour

6 Hour

Custom

Reset Chart

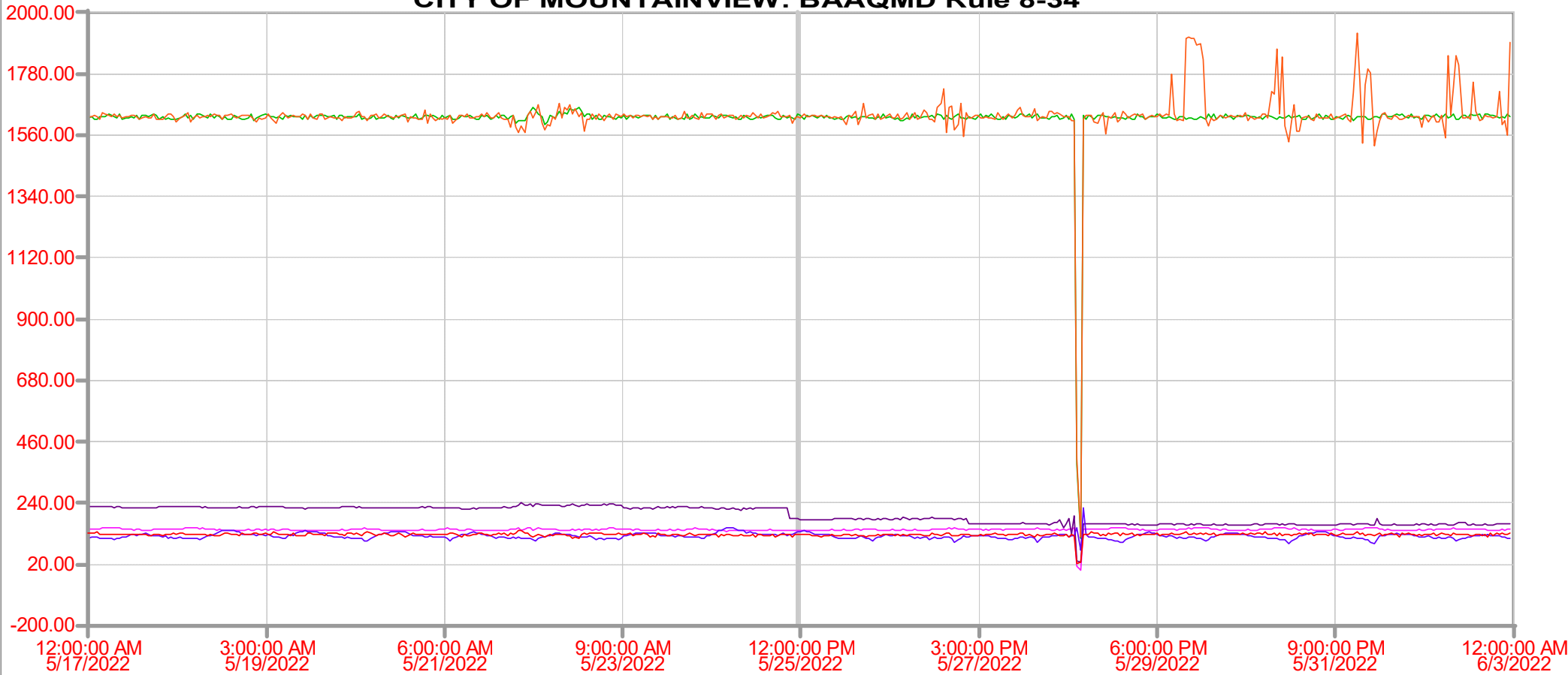
Trend Selection:

BAAQMD Rule 8-34

GO

Print

### CITY OF MOUNTAINVIEW: BAAQMD Rule 8-34



|                           |                                    |         |
|---------------------------|------------------------------------|---------|
| Hist.MOC_Host.R46GolfFlow | Golf Course Flow (scfm) (F_CV)     | 127.96  |
| Hist.MOC_Host.R46vistaFlo | Vista Flow (scfm) (F_CV)           | 140.04  |
| Hist.MOC_Host.R46cell9aFI | Cell 6A NE Flow (scfm) (F_CV)      | 185.08  |
| Hist.MOC_Host.R46Flr6Temp | Flare 6 Temperature (deg F) (F_CV) | 1633.22 |
| Hist.MOC_Host.R46Flr7Temp | Flare 7 Temperature (deg F) (F_CV) | 135.84  |
| Hist.MOC_Host.R46Flr8Temp | Flare 8 Temp (deg F) (F_CV)        | 1626.84 |





1 Hour

1 Day

3 Days

12 Hour

6 Hour

Custom

Reset Chart

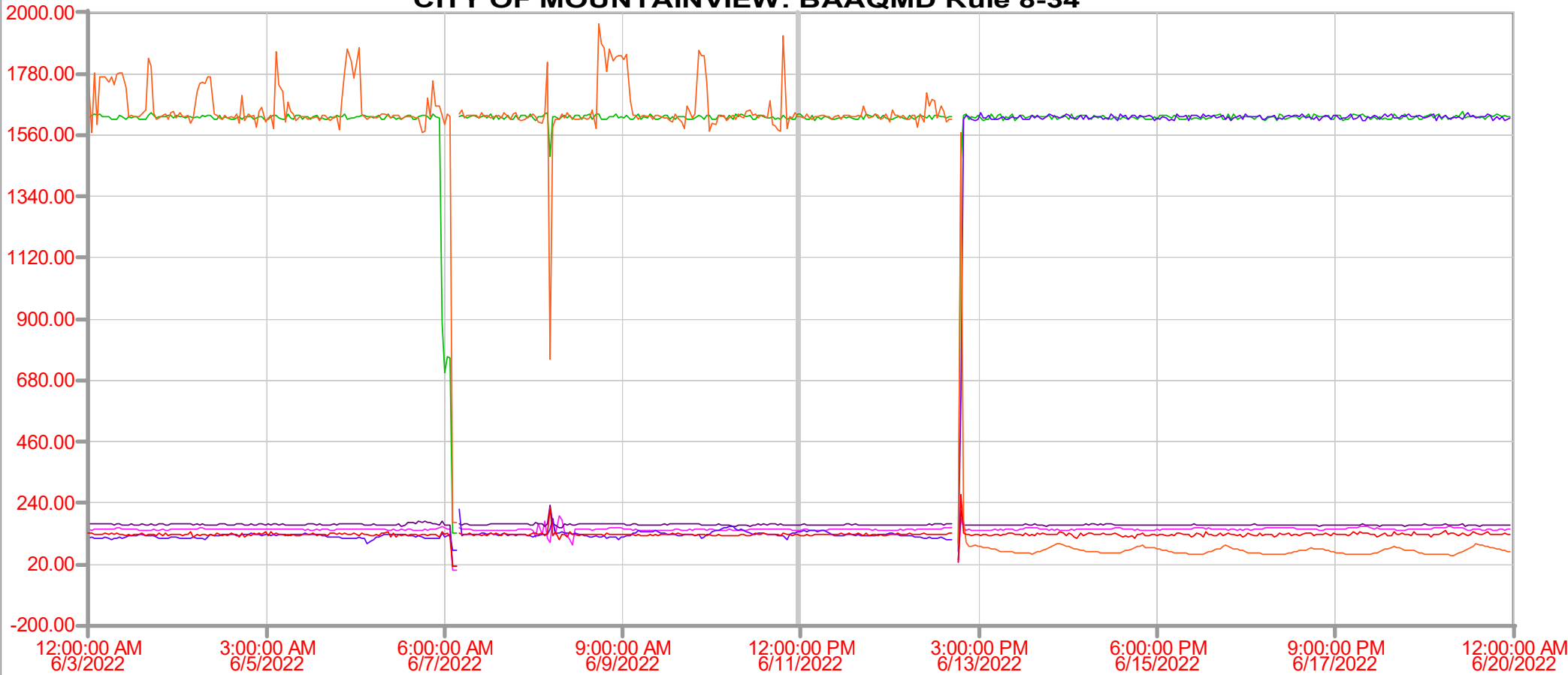
Trend Selection:

BAAQMD Rule 8-34

GO

Print

### CITY OF MOUNTAINVIEW: BAAQMD Rule 8-34



|                           |                                    |         |
|---------------------------|------------------------------------|---------|
| Hist.MOC_Host.R46GolfFlow | Golf Course Flow (scfm) (F_CV)     | 127.92  |
| Hist.MOC_Host.R46vistaFlo | Vista Flow (scfm) (F_CV)           | 144.00  |
| Hist.MOC_Host.R46cell9aFI | Cell 6A NE Flow (scfm) (F_CV)      | 160.96  |
| Hist.MOC_Host.R46Flr6Temp | Flare 6 Temperature (deg F) (F_CV) | 1634.22 |
| Hist.MOC_Host.R46Flr7Temp | Flare 7 Temperature (deg F) (F_CV) | 137.88  |
| Hist.MOC_Host.R46Flr8Temp | Flare 8 Temp (deg F) (F_CV)        | 1626.57 |



1 Hour

1 Day

3 Days

12 Hour

6 Hour

Custom

Reset Chart

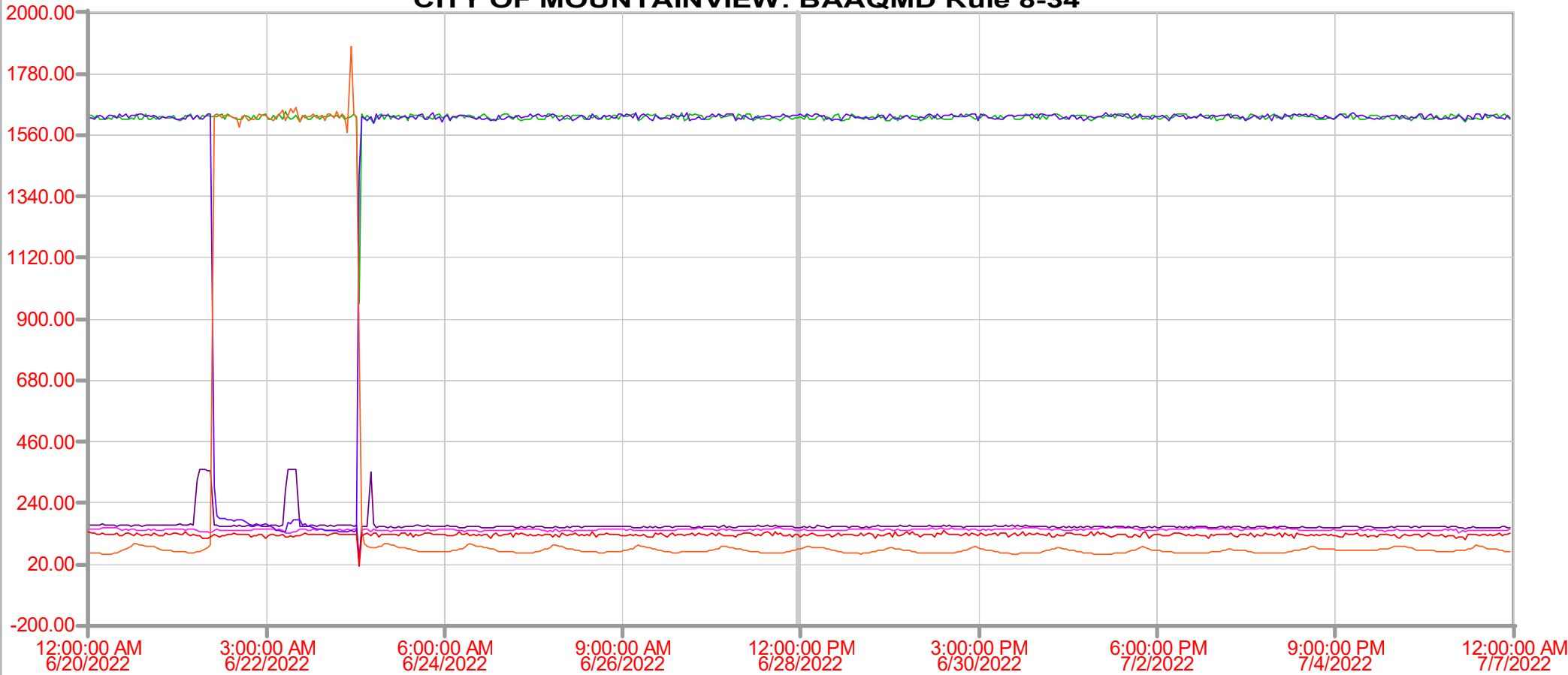
Trend Selection:

BAAQMD Rule 8-34

GO

Print

### CITY OF MOUNTAINVIEW: BAAQMD Rule 8-34



|                           |                                    |         |
|---------------------------|------------------------------------|---------|
| Hist.MOC_Host.R46GolfFlow | Golf Course Flow (scfm) (F_CV)     | 126.00  |
| Hist.MOC_Host.R46vistaFlo | Vista Flow (scfm) (F_CV)           | 141.96  |
| Hist.MOC_Host.R46cell9aFI | Cell 6A NE Flow (scfm) (F_CV)      | 151.08  |
| Hist.MOC_Host.R46Flr6Temp | Flare 6 Temperature (deg F) (F_CV) | 1622.88 |
| Hist.MOC_Host.R46Flr7Temp | Flare 7 Temperature (deg F) (F_CV) | 1631.96 |
| Hist.MOC_Host.R46Flr8Temp | Flare 8 Temp (deg F) (F_CV)        | 74.88   |



## SECTION VIII

### LANDFILL GAS FLOW METER CALIBRATION

**CITY OF MOUNTAIN VIEW  
LANDFILL GAS FLOW METER CALIBRATION  
January 1 - June 30, 2022**

| <b>Date</b> | <b>Location</b>                    | <b>Calibrated *</b> |
|-------------|------------------------------------|---------------------|
| 2/16/2022   | 6A Northeast, Crittenden Header    | Yes *               |
| 2/16/2022   | Front/Back Nine                    | Yes *               |
| 2/16/2022   | Vista                              | Yes *               |
| 2/16/2022   | Flare Station, Flare A-6 (Flare 1) | Yes *               |
| 2/16/2022   | Flare Station, Flare A-7 (Flare 2) | Yes *               |
| 2/16/2022   | Flare Station, Flare A-8 (Flare 3) | Yes *               |

\* Calibration certificates are attached.

# Calibration Certificate

Telstar Instruments Inc  
 1717 Solano Way, Suite #34, Concord Ca  
 Tel 925-671-2888 - Fax 925-671-9507



Certificate **CC-10-39323-06**  
 Calibration date **2/16/2022**  
 Next calibration due **2/16/2023**  
**Location of calibration**  
 Company name  
**231 north whisman rd mountain view ca 94043**  
 Address

**Customer information**  
 Company name **City of Mountain View**  
 Address **231 north whisman rd mountain view ca 94043**  
 Contact **Tim Pike 650-903-6111**

**Instrument information**  
 Manufacturer **Rosemount**  
 Model **3051C02A22NB4M5**  
 Serial **12119860**  
 Tag **NA**  
 Description **Crittenden GA NE Gas Flow**

Received In Tolerance  
 Returned In Tolerance  
 Calibrated range 0 to 10 "H2O  
 User Specified Tolerance 1.00 %  
 Instrument Output 4 to 20 mA

**Test standards used** This calibration certificate documents the traceability to national standards, which states the units of measurement according to the International System of Units (SI)

| ID      | Description                  | Serial number | Certificate | Due date |
|---------|------------------------------|---------------|-------------|----------|
| CAL388  | Fluke 725 Process Calibrator | 56160253MV    | 6000005809  | 11/15/22 |
| TEST505 | FLUKE 700G27                 | 5584334       | 3000261534  | 10/15/22 |
|         |                              |               |             |          |
|         |                              |               |             |          |
|         |                              |               |             |          |
|         |                              |               |             |          |

**Procedure Used**

CP0005

As Found = As Left

**As Found**

| Cal. point(s) | Standard | Expected Output | Display | Measured Output | Error | Output Error |
|---------------|----------|-----------------|---------|-----------------|-------|--------------|
| 1             | 0        | 4.000           | N/A     | 3.9             | N/A   | -0.63        |
| 2             | 2.5      | 8.000           | N/A     | 7.988           | N/A   | -0.07        |
| 3             | 5        | 12.000          | N/A     | 11.99           | N/A   | -0.06        |
| 4             | 7.5      | 16.000          | N/A     | 15.89           | N/A   | -0.69        |
| 5             | 10       | 20.000          | N/A     | 19.97           | N/A   | -0.19        |
| 6             |          |                 |         |                 |       |              |
| 7             |          |                 |         |                 |       |              |
| 8             |          |                 |         |                 |       |              |
| 9             |          |                 |         |                 |       |              |
| 10            |          |                 |         |                 |       |              |
| Units*        | "H2O     | mA              | "H2O    | mA              | %     | %            |

**As Left**

| Standard | Expected Output | Display | Measured Output | Error | Output Error |
|----------|-----------------|---------|-----------------|-------|--------------|
|          |                 |         |                 | N/A   |              |
|          |                 |         |                 | N/A   |              |
|          |                 |         |                 | N/A   |              |
|          |                 |         |                 | N/A   |              |
|          |                 |         |                 | N/A   |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
| "H2O     | mA              | "H2O    | mA              | %     | %            |

Error calculated as percent of span

**Conformity**

UUT conforms  UUT does not conform

INSTRUMENT RETURNED TO SERVICE (EXPLAIN IN REMARKS IF NOT)

**Remarks**

This calibration certificate should not be published or reproduced other than in full

Service Engineer  
 Signature

**Andrew Steele**

*Andrew Steele*

Date 2/16/2022

# Calibration Certificate

Telstar Instruments Inc  
 1717 Solano Way, Suite #34, Concord Ca  
 Tel 925-671-2888 - Fax 925-671-9507



Certificate **CC-10-39323-02**  
 Calibration date **2/16/2022**  
 Next calibration due **2/16/2023**  
**Location of calibration**  
 Company name  
**231 north whisman rd mountain view ca 94043**  
 Address

**Customer information**  
 Company name **City of Mountain View**  
 Address **231 north whisman rd mountain view ca 94043**  
 Contact **Tim Pike 650-903-6111**

**Instrument information**  
 Manufacturer **Rosemount**  
 Model **3051C02A22NB4M5**  
 Serial **12119862**  
 Tag **NA**  
 Description **Front 9 - Back 9 Flow**

Received In Tolerance  
 Returned In Tolerance  
 Calibrated range 0 to 10 "H2O  
 User Specified Tolerance 1.00 %  
 Instrument Output 4 to 20 mA

**Test standards used** This calibration certificate documents the traceability to national standards, which states the units of measurement according to the International System of Units (SI)

| ID      | Description                  | Serial number | Certificate | Due date |
|---------|------------------------------|---------------|-------------|----------|
| CAL388  | Fluke 725 Process Calibrator | 56160253MV    | 6000005809  | 11/15/22 |
| TEST505 | FLUKE 700G27                 | 5584334       | 3000261534  | 10/15/22 |
|         |                              |               |             |          |
|         |                              |               |             |          |
|         |                              |               |             |          |
|         |                              |               |             |          |

**Procedure Used**

CP0005

As Found = As Left

**As Found**

| Cal. point(s) | Standard | Expected Output | Display | Measured Output | Error | Output Error |
|---------------|----------|-----------------|---------|-----------------|-------|--------------|
| 1             | 0        | 4.000           | N/A     | 4.005           | N/A   | 0.03         |
| 2             | 2.5      | 8.000           | N/A     | 7.998           | N/A   | -0.01        |
| 3             | 5        | 12.000          | N/A     | 12.011          | N/A   | 0.07         |
| 4             | 7.5      | 16.000          | N/A     | 16.032          | N/A   | 0.20         |
| 5             | 10       | 20.000          | N/A     | 20.022          | N/A   | 0.14         |
| 6             |          |                 |         |                 |       |              |
| 7             |          |                 |         |                 |       |              |
| 8             |          |                 |         |                 |       |              |
| 9             |          |                 |         |                 |       |              |
| 10            |          |                 |         |                 |       |              |
| Units*        | "H2O     | mA              | "H2O    | mA              | %     | %            |

**As Left**

| Standard | Expected Output | Display | Measured Output | Error | Output Error |
|----------|-----------------|---------|-----------------|-------|--------------|
|          |                 | N/A     |                 | N/A   |              |
|          |                 | N/A     |                 | N/A   |              |
|          |                 | N/A     |                 | N/A   |              |
|          |                 | N/A     |                 | N/A   |              |
|          |                 | N/A     |                 | N/A   |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
| "H2O     | mA              | "H2O    | mA              | %     | %            |

Error calculated as percent of span

**Conformity**

UUT conforms  UUT does not conform

INSTRUMENT RETURNED TO SERVICE (EXPLAIN IN REMARKS IF NOT)

**Remarks**

This calibration certificate should not be published or reproduced other than in full

Service Engineer **Andrew Steele**  
 Signature *Andrew Steele*

Date 2/16/2022

# Calibration Certificate

Telstar Instruments Inc  
 1717 Solano Way, Suite #34, Concord Ca  
 Tel 925-671-2888 - Fax 925-671-9507



Certificate **CC-10-39323-04**  
 Calibration date **2/16/2022**  
 Next calibration due **2/16/2023**

### Customer information

Company name **City of Mountain View**  
 Address **231 north whisman rd mountain view ca 94043**  
 Contact **Tim Pike 650-903-6111**

### Location of calibration

Company name  
 Address **231 north whisman rd mountain view ca 94043**

### Instrument information

Manufacturer **Rosemount**  
 Model **3051CDZAZZA1AB4M5**  
 Serial **12119861**  
 Tag **NA**  
 Description **Flare station vista flow**

Received **In Tolerance**  
 Returned **In Tolerance**

Calibrated range **0** to **10** "H2O  
 User Specified Tolerance **1.00** %  
 Instrument Output **4** to **20** mA

**Test standards used** This calibration certificate documents the traceability to national standards, which states the units of measurement according to the International System of Units (SI)

| ID             | Description                         | Serial number     | Certificate       | Due date        |
|----------------|-------------------------------------|-------------------|-------------------|-----------------|
| <b>CAL388</b>  | <b>Fluke 725 Process Calibrator</b> | <b>56160253MV</b> | <b>6000005809</b> | <b>11/15/22</b> |
| <b>TEST505</b> | <b>FLUKE 700G27</b>                 | <b>5584334</b>    | <b>3000261534</b> | <b>10/15/22</b> |
|                |                                     |                   |                   |                 |
|                |                                     |                   |                   |                 |
|                |                                     |                   |                   |                 |
|                |                                     |                   |                   |                 |

### Procedure Used

CP0005

As Found = As Left

#### As Found

| Cal. point(s) | Standard | Expected Output | Display | Measured Output | Error | Output Error |
|---------------|----------|-----------------|---------|-----------------|-------|--------------|
| 1             | 0        | 4.000           | N/A     | 3.98            | N/A   | -0.13        |
| 2             | 2.5      | 8.000           | N/A     | 8.033           | N/A   | 0.21         |
| 3             | 5        | 12.000          | N/A     | 12.058          | N/A   | 0.36         |
| 4             | 7.5      | 16.000          | N/A     | 16.07           | N/A   | 0.44         |
| 5             | 10       | 20.000          | N/A     | 20.078          | N/A   | 0.49         |
| 6             |          |                 |         |                 |       |              |
| 7             |          |                 |         |                 |       |              |
| 8             |          |                 |         |                 |       |              |
| 9             |          |                 |         |                 |       |              |
| 10            |          |                 |         |                 |       |              |
| Units*        | "H2O     | mA              | "H2O    | mA              | %     | %            |

#### As Left

| Standard | Expected Output | Display | Measured Output | Error | Output Error |
|----------|-----------------|---------|-----------------|-------|--------------|
|          |                 |         |                 | N/A   |              |
|          |                 |         |                 | N/A   |              |
|          |                 |         |                 | N/A   |              |
|          |                 |         |                 | N/A   |              |
|          |                 |         |                 | N/A   |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
|          |                 |         |                 |       |              |
| "H2O     | mA              | "H2O    | mA              | %     | %            |

Error calculated as percent of span

### Conformity

UUT conforms  UUT does not conform

INSTRUMENT RETURNED TO SERVICE (EXPLAIN IN REMARKS IF NOT)

### Remarks

This calibration certificate should not be published or reproduced other than in full

Service Engineer  
 Signature

**Andrew Steele**

*Andrew Steele*

Date **2/16/2022**



**Rosemount Service**  
 8200 Market Blvd.  
 Chanhassen, MN 55317  
 T: 800-654-7768  
 F: 952-906-8844

February 16, 2022

## CALIBRATION DATA SHEET

Consistent with ISO 10474 2.1 or EN 10204 2.1

### Contact Information

|                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purchase Order:</b> 0<br><b>Customer Name:</b> Telstar Instruments<br><b>Location/Project:</b> Mountain View/18 1 SMI Utility<br><b>Address 1:</b> 231 Whisman Road<br><b>Address 2:</b> Mountain View Ca 94043<br><b>Customer Contact:</b> Tyrone Brown<br><b>Phone:</b> 510-693-8043<br><b>Email:</b> tbrown@telstarinc.com | <b>Service Request:</b> 0<br><b>Quote#:</b> 0<br><b>Sales Representative:</b> 0<br><b>Phone:</b><br><b>Email:</b><br><b>Service Representative:</b> David James<br><b>Phone:</b> 209-597-0378<br><b>Email:</b> David.James@Emerson.com |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Device Information

|                                        |
|----------------------------------------|
| <b>Device Type:</b> Multivariable      |
| <b>Device Tag:</b> FL-10A              |
| <b>Model:</b> 3095MA13AAA11AA110ABC2Q4 |
| <b>Serial #:</b> 296498                |

### Calibration Range Data

|                                                   |
|---------------------------------------------------|
| <b>Static Pressure Range:</b> 14.7 To 30 PSI      |
| <b>Differential Pressure Range:</b> 0 To 25 InH2O |
| <b>Temperature Range:</b> 0 To 150 F              |
| <b>Analog Output Range:</b> 4 To 20 mA            |

### Test Equipment Used

| Asset #      | Description                              | Calibration Due |
|--------------|------------------------------------------|-----------------|
| ES-01491     | Fluke 754 Documenting Process Calibrator | 5-Sep-22        |
| S/N 24284505 | Fluke 750PD5 Pressure Module             | 11-Jan-23       |
| 0            | 0                                        | 0-Jan-00        |
| 0            | 0                                        | 0-Jan-00        |

### As Found Calibration Data

| Target % Of Span | Static Pressure        |             |                                  |                           | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|---------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range in PSI | Applied PSI | Indicated Static Pressure in PSI | Pass Fail +/- 0.06459 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.025 InH2O |
| 0.00             | 14.70                  | 14.700      | 14.690                           | Pass                      | 0.00                  | 0.000         | -0.003                                | Pass                      |
| 25.00            | 18.53                  | 18.525      | 18.500                           | Pass                      | 6.25                  | 6.250         | 6.248                                 | Pass                      |
| 50.00            | 22.35                  | 22.350      | 22.330                           | Pass                      | 12.50                 | 12.500        | 12.498                                | Pass                      |
| 75.00            | 26.18                  | 26.175      | 26.140                           | Pass                      | 18.75                 | 18.750        | 18.749                                | Pass                      |
| 100.00           | 30.00                  | 30.000      | 29.960                           | Pass                      | 25.00                 | 25.000        | 24.999                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                           | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|---------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 1.008 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | -0.320                       | Pass                      | 4.0000             | 4.0000       | 4.0020              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 36.950                       | Pass                      | 8.0000             | 8.0000       | 8.0010              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 74.250                       | Pass                      | 12.0000            | 12.0000      | 12.0010             | Pass                   |
| 75.00            | 112.50                | 112.50        | 111.580                      | Pass                      | 16.0000            | 16.0000      | 16.0000             | Pass                   |
| 100.00           | 150.00                | 150.00        | 148.930                      | Fail                      | 20.0000            | 20.0000      | 20.0010             | Pass                   |

### As Left Calibration Data

| Target % Of Span | Static Pressure        |             |                                  |                           | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|---------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range in PSI | Applied PSI | Indicated Static Pressure in PSI | Pass Fail +/- 0.06459 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.025 InH2O |
| 0.00             | 14.70                  | 14.700      | 14.690                           | Pass                      | 0.00                  | 0.000         | -0.003                                | Pass                      |
| 25.00            | 18.53                  | 18.525      | 18.500                           | Pass                      | 6.25                  | 6.250         | 6.248                                 | Pass                      |
| 50.00            | 22.35                  | 22.350      | 22.330                           | Pass                      | 12.50                 | 12.500        | 12.498                                | Pass                      |
| 75.00            | 26.18                  | 26.175      | 26.140                           | Pass                      | 18.75                 | 18.750        | 18.749                                | Pass                      |
| 100.00           | 30.00                  | 30.000      | 29.960                           | Pass                      | 25.00                 | 25.000        | 24.999                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                           | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|---------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 1.008 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | -0.020                       | Pass                      | 4.0000             | 4.0000       | 4.0020              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 37.450                       | Pass                      | 8.0000             | 8.0000       | 8.0010              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 74.940                       | Pass                      | 12.0000            | 12.0000      | 12.0010             | Pass                   |
| 75.00            | 112.50                | 112.50        | 112.470                      | Pass                      | 16.0000            | 16.0000      | 16.0000             | Pass                   |
| 100.00           | 150.00                | 150.00        | 150.010                      | Pass                      | 20.0000            | 20.0000      | 20.0010             | Pass                   |

### Certification

This is to validate that the listed product performs within the acceptable performance variation of the test equipment. Measuring and test equipment used in the inspection and validation of the listed product are traceable to the National Institute of Standards and Technology.

*David James*

David James  
 Rosemount Service Representative  
 PH: 209-597-0378

February 16, 2022

Date





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February 16, 2022

## CALIBRATION DATA SHEET

Consistent with ISO 10474 2.1 or EN 10204 2.1

### Contact Information

|                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purchase Order:</b> 0<br><b>Customer Name:</b> Telstar Instruments<br><b>Location/Project:</b> Mountain View/18 1 SMI Utility<br><b>Address 1:</b> 231 Whisman Road<br><b>Address 2:</b> Mountain View Ca 94043<br><b>Customer Contact:</b> Tyrone Brown<br><b>Phone:</b> 510-693-8043<br><b>Email:</b> tbrown@telstarinc.com | <b>Service Request:</b> 0<br><b>Quote#:</b> 0<br><b>Sales Representative:</b> 0<br><b>Phone:</b><br><b>Email:</b><br><b>Service Representative:</b> David James<br><b>Phone:</b> 209-597-0378<br><b>Email:</b> David.James@Emerson.com |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Device Information

|                                       |
|---------------------------------------|
| <b>Device Type:</b> Multivariable     |
| <b>Device Tag:</b> FL-180A            |
| <b>Model:</b> 3095MA13AA11AA110ABC2Q4 |
| <b>Serial #:</b> 296459               |

### Calibration Range Data

|                                                   |
|---------------------------------------------------|
| <b>Static Pressure Range:</b> 14.7 To 30 PSI      |
| <b>Differential Pressure Range:</b> 0 To 16 InH2O |
| <b>Temperature Range:</b> 0 To 150 F              |
| <b>Analog Output Range:</b> 4 To 20 mA            |

### Test Equipment Used

| Asset #      | Description                              | Calibration Due |
|--------------|------------------------------------------|-----------------|
| ES-01491     | Fluke 754 Documenting Process Calibrator | 5-Sep-22        |
| S/N 24284505 | Fluke 750PD5 Pressure Module             | 11-Jan-23       |
| 0            | 0                                        | 0-Jan-00        |
| 0            | 0                                        | 0-Jan-00        |

### As Found Calibration Data

| Target % Of Span | Static Pressure        |             |                                  |                           | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|---------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range in PSI | Applied PSI | Indicated Static Pressure in PSI | Pass Fail +/- 0.06459 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.016 InH2O |
| 0.00             | 14.70                  | 14.700      | 14.703                           | Pass                      | 0.00                  | 0.000         | -0.007                                | Pass                      |
| 25.00            | 18.53                  | 18.525      | 18.531                           | Pass                      | 4.00                  | 4.000         | 3.990                                 | Pass                      |
| 50.00            | 22.35                  | 22.350      | 22.362                           | Pass                      | 8.00                  | 8.000         | 7.990                                 | Pass                      |
| 75.00            | 26.18                  | 26.175      | 26.179                           | Pass                      | 12.00                 | 12.000        | 11.990                                | Pass                      |
| 100.00           | 30.00                  | 30.000      | 30.003                           | Pass                      | 16.00                 | 16.000        | 16.000                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                           | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|---------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 1.008 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | -0.450                       | Pass                      | 4.0000             | 4.0000       | 3.9990              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 36.990                       | Pass                      | 8.0000             | 8.0000       | 7.9980              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 74.510                       | Pass                      | 12.0000            | 12.0000      | 11.9980             | Pass                   |
| 75.00            | 112.50                | 112.50        | 112.030                      | Pass                      | 16.0000            | 16.0000      | 15.9980             | Pass                   |
| 100.00           | 150.00                | 150.00        | 149.570                      | Pass                      | 20.0000            | 20.0000      | 19.9980             | Pass                   |

### As Left Calibration Data

| Target % Of Span | Static Pressure        |             |                                  |                           | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|---------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range in PSI | Applied PSI | Indicated Static Pressure in PSI | Pass Fail +/- 0.06459 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.016 InH2O |
| 0.00             | 14.70                  | 14.700      | 14.703                           | Pass                      | 0.00                  | 0.000         | -0.007                                | Pass                      |
| 25.00            | 18.53                  | 18.525      | 18.531                           | Pass                      | 4.00                  | 4.000         | 3.990                                 | Pass                      |
| 50.00            | 22.35                  | 22.350      | 22.362                           | Pass                      | 8.00                  | 8.000         | 7.990                                 | Pass                      |
| 75.00            | 26.18                  | 26.175      | 26.179                           | Pass                      | 12.00                 | 12.000        | 11.990                                | Pass                      |
| 100.00           | 30.00                  | 30.000      | 30.003                           | Pass                      | 16.00                 | 16.000        | 16.000                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                           | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|---------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 1.008 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | -0.450                       | Pass                      | 4.0000             | 4.0000       | 3.9990              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 36.990                       | Pass                      | 8.0000             | 8.0000       | 7.9980              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 74.510                       | Pass                      | 12.0000            | 12.0000      | 11.9980             | Pass                   |
| 75.00            | 112.50                | 112.50        | 112.030                      | Pass                      | 16.0000            | 16.0000      | 15.9980             | Pass                   |
| 100.00           | 150.00                | 150.00        | 149.570                      | Pass                      | 20.0000            | 20.0000      | 19.9980             | Pass                   |

### Certification

This is to validate that the listed product performs within the acceptable performance variation of the test equipment. Measuring and test equipment used in the inspection and validation of the listed product are traceable to the National Institute of Standards and Technology.

*David James*

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 Rosemount Service Representative  
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February 16, 2022

Date



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February 16, 2022

## CALIBRATION DATA SHEET

Consistent with ISO 10474 2.1 or EN 10204 2.1

### Contact Information

|                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purchase Order:</b> 0<br><b>Customer Name:</b> Telstar Instruments<br><b>Location/Project:</b> Mountain View/18 1 SMI Utility<br><b>Address 1:</b> 231 Whisman Road<br><b>Address 2:</b> Mountain View Ca 94043<br><b>Customer Contact:</b> Tyrone Brown<br><b>Phone:</b> 510-693-8043<br><b>Email:</b> tbrown@telstarinc.com | <b>Service Request:</b> 0<br><b>Quote#:</b> 0<br><b>Sales Representative:</b> 0<br><b>Phone:</b><br><b>Email:</b><br><b>Service Representative:</b> David James<br><b>Phone:</b> 209-597-0378<br><b>Email:</b> David.James@Emerson.com |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Device Information

|                                                  |
|--------------------------------------------------|
| <b>Device Type:</b> Multivariable                |
| <b>Device Tag:</b> FL-190A                       |
| <b>Model:</b> 3051SMV5M11A3R2E11A1AC12B4C2E5M5Q4 |
| <b>Serial #:</b> 446400                          |

### Calibration Range Data

|                                                   |
|---------------------------------------------------|
| <b>Static Pressure Range:</b> 14.7 To 30 PSI      |
| <b>Differential Pressure Range:</b> 0 To 12 InH2O |
| <b>Temperature Range:</b> 0 To 150 F              |
| <b>Analog Output Range:</b> 4 To 20 mA            |

### Test Equipment Used

| Asset #      | Description                              | Calibration Due |
|--------------|------------------------------------------|-----------------|
| ES-01491     | Fluke 754 Documenting Process Calibrator | 5-Sep-22        |
| S/N 24284505 | Fluke 750PD5 Pressure Module             | 11-Jan-23       |
| 0            | 0                                        | 0-Jan-00        |
| 0            | 0                                        | 0-Jan-00        |

### As Found Calibration Data

| Target % Of Span | Static Pressure        |             |                                  |                         | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|-------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range in PSI | Applied PSI | Indicated Static Pressure in PSI | Pass Fail +/- 0.052 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.012 InH2O |
| 0.00             | 14.70                  | 14.700      | 14.720                           | Pass                    | 0.00                  | 0.000         | -0.003                                | Pass                      |
| 25.00            | 18.53                  | 18.525      | 18.530                           | Pass                    | 3.00                  | 3.000         | 2.990                                 | Pass                      |
| 50.00            | 22.35                  | 22.350      | 22.360                           | Pass                    | 6.00                  | 6.000         | 5.990                                 | Pass                      |
| 75.00            | 26.18                  | 26.175      | 26.180                           | Pass                    | 9.00                  | 9.000         | 8.990                                 | Pass                      |
| 100.00           | 30.00                  | 30.000      | 30.020                           | Pass                    | 12.00                 | 12.000        | 11.990                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                            | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|----------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 0.6666 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | -0.110                       | Pass                       | 4.0000             | 4.0000       | 4.0020              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 37.420                       | Pass                       | 8.0000             | 8.0000       | 8.0020              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 74.920                       | Pass                       | 12.0000            | 12.0000      | 12.0020             | Pass                   |
| 75.00            | 112.50                | 112.50        | 112.470                      | Pass                       | 16.0000            | 16.0000      | 16.0020             | Pass                   |
| 100.00           | 150.00                | 150.00        | 150.050                      | Pass                       | 20.0000            | 20.0000      | 20.0030             | Pass                   |

### As Left Calibration Data

| Target % Of Span | Static Pressure        |             |                                  |                         | Differential Pressure |               |                                       |                           |
|------------------|------------------------|-------------|----------------------------------|-------------------------|-----------------------|---------------|---------------------------------------|---------------------------|
|                  | Specified Range in PSI | Applied PSI | Indicated Static Pressure in PSI | Pass Fail +/- 0.052 PSI | Specified Range InH2O | Applied InH2O | Indicated Differential Pressure InH2O | Pass Fail +/- 0.012 InH2O |
| 0.00             | 14.70                  | 14.700      | 14.720                           | Pass                    | 0.00                  | 0.000         | -0.003                                | Pass                      |
| 25.00            | 18.53                  | 18.525      | 18.530                           | Pass                    | 3.00                  | 3.000         | 2.990                                 | Pass                      |
| 50.00            | 22.35                  | 22.350      | 22.360                           | Pass                    | 6.00                  | 6.000         | 5.990                                 | Pass                      |
| 75.00            | 26.18                  | 26.175      | 26.180                           | Pass                    | 9.00                  | 9.000         | 8.990                                 | Pass                      |
| 100.00           | 30.00                  | 30.000      | 30.020                           | Pass                    | 12.00                 | 12.000        | 11.990                                | Pass                      |

| Target % Of Span | Temperature           |               |                              |                            | Analog Out         |              |                     |                        |
|------------------|-----------------------|---------------|------------------------------|----------------------------|--------------------|--------------|---------------------|------------------------|
|                  | Specified Range Deg F | Applied Deg F | Indicated Digital Temp Deg F | Pass Fail +/- 0.6666 Deg F | Specified Range mA | Simulated mA | Indicated Output mA | Pass Fail +/- 0.016 mA |
| 0.00             | 0.00                  | 0.00          | -0.110                       | Pass                       | 4.0000             | 4.0000       | 4.0020              | Pass                   |
| 25.00            | 37.50                 | 37.50         | 37.420                       | Pass                       | 8.0000             | 8.0000       | 8.0020              | Pass                   |
| 50.00            | 75.00                 | 75.00         | 74.920                       | Pass                       | 12.0000            | 12.0000      | 12.0020             | Pass                   |
| 75.00            | 112.50                | 112.50        | 112.470                      | Pass                       | 16.0000            | 16.0000      | 16.0020             | Pass                   |
| 100.00           | 150.00                | 150.00        | 150.050                      | Pass                       | 20.0000            | 20.0000      | 20.0030             | Pass                   |

### Certification

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*David James*

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 PH: 209-597-0378

February 16, 2022

Date