

TITLE V MONITORING REPORT

ACME FILL CORPORATION BAAQMD PLANT 1464 MARTINEZ, CALIFORNIA

TV Tracking #: 518

Prepared for:

1. RECEIVED IN
ENFORCEMENT: 07/29/2022



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

July 2022

01/01/22 - 06/30/22

Prepared by:

ACME FILL CORPORATION "Contra Costa County's Pioneer Sanitary Landfill"

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July 28, 2022

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

Subject: Title V Monitoring Report for Plant 1464
Acme Landfill, Contra Costa County

Dear Sir:

Enclosed please find the *Title V Monitoring Report* for Acme Fill Corporation (Acme), Plant 1464. The *Title V Monitoring Report* covers compliance and monitoring activities at the Acme Landfill from January 1, 2022 to June 30, 2022. Monitoring data collected by Acme to comply with the Major Facility Review Permit (MFR Permit) conditions, issued by the Bay Area Air Quality Management District on June 11, 2018, is appended to the report.

Should you have any questions regarding the monitoring report or the data, please contact me at (925) 228-7099.

Sincerely,



Patrick Lacey, CIH
Compliance Manager

Enclosures

Title V Monitoring Report

Acme Fill Corporation
BAAQMD Plant 1464
Martinez, California

Prepared By
Acme Fill Corporation

July 2022

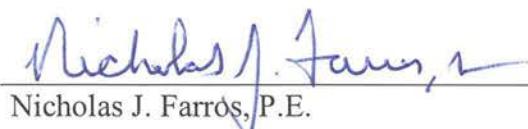
**Title V Monitoring Report
Acme Fill Corporation
BAAQMD Plant 1464
Martinez, California**

The undersigned certify that this document and all attachments were prepared under our direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on our inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information and data submitted is, to the best of our knowledge and belief, true, accurate, and complete.

Acme Fill Corporation



Patrick Lacey, CIH
Compliance Manager



Nicholas J. Farros, P.E.
Engineering Manager

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1. INTRODUCTION

Acme Fill Corporation (Acme) is submitting this Title V monitoring report to comply with the reporting provisions of the final Major Facility Review Permit (MFR Permit). This submittal also addresses the reporting requirements of the Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 34, Section 411 (8-34-411). Acme is operating as Plant No. 1464 under a BAAQMD Permit to Operate that is renewed annually. The MFR Permit requires Acme to compile and submit compliance monitoring data to the BAAQMD once every six months. This is the thirty-ninth Title V monitoring report prepared by Acme and it covers activities conducted at the Acme Landfill between January 1 and June 30, 2022. The MFR Permit that was issued to Acme on June 11, 2018 requires the submittal of reports once every six months for the reporting periods of January 1 through June 30 and July 1 through December 31.

1.1 Compliance Summary

Acme has complied with the operation, monitoring, maintenance, and recordkeeping provisions of the MFR Permit and the 8-34 requirements during this reporting period. Copies of required monitoring and maintenance records are included as appendices to this report. Brief overviews of Acme's compliance status with respect to the MFR Permit and the 8-34 requirements are included in the following sections. The overviews are provided in the order that they are requested in Section VII of the MFR Permit and the 8-34-411 reporting requirements. The monitoring and maintenance records indicate that Acme is in compliance with the MFR Permit conditions. A completed Title V monitoring verification report checklist for this reporting period is included in Appendix A.

Acme received a MFR permit renewal from the BAAQMD on June 11, 2018. The renewed permit expires on June 10, 2023. Acme also received a letter from the BAAQMD dated September 5, 2018 granting approval of the less than continuous operation petition for the horizontal collectors on the North and East Parcels. The less than continuous operation petition is effective beginning March 25, 2018 and expired on March 24, 2021. Acme submitted a letter request to the BAAQMD on January 15, 2021 to extend the less than continuous operation of the horizontal collectors for an additional three years. BAAQMD staff are currently processing the extension request.

2. SOURCE 1- LANDFILL WITH GAS COLLECTION SYSTEM

The collection and control system consists of operating landfill gas extraction wells installed at the East and North Parcels connected to landfill gas processing facilities located in the southwest corner of the site (see Figure 1). This report does not include the closed South Parcel because the total in-place tonnage of refuse in this Parcel is less than 450,000 tons. The South Parcel is not contiguous with the other Acme Landfill Parcels and has been excluded from any MFR Permit requirements. The landfill gas processing facilities consist of a flare (abatement device A-2) and a gas compression plant used to deliver processed landfill gas to Central Contra Costa Sanitary District.

Acme operated the collection and control system at the site during the reporting period. The existing collection system consists of 29 extraction wells and three trenches at the East Parcel (see Figure 2) and 40 extraction wells and 25 horizontal collectors at the North Parcel (see Figure 3). As reported previously, Acme expanded the East Parcel collection system in 2014 by installing nine additional vertical landfill gas collection wells. Authority to construct these wells was included in Acme's MFR Permit. Except as described in the following sections, all of the extraction wells were operated continuously. The horizontal collectors were operated less than continuously consistent with MFR Permit condition #19906, Part 5. As described above, the BAAQMD provided a three-year extension of the less than continuous petition to Acme in a September 5, 2018 letter. Acme's less than continuous petition expired on March 24, 2021. As mentioned previously, the BAAQMD is still processing a request that Acme made on January 15, 2021 for an additional three year extension. Testing and operation of the horizontal collectors is described below. Required operating records and data for the landfill gas collection and control system are also discussed.

2.1 Operating Records

Acme collection and emission control system daily operation records are included in Appendix B. The daily summaries include gas flow rates, scheduled shutdowns, and unscheduled shutdowns along with a description of the shutdown occurrence. The landfill gas flare and gas compression plant can be operated independently or in combination. There was a total of 13.0 hours of scheduled shutdowns during this reporting period for plant maintenance. The flare was operated continuously during these planned shutdowns. There were no reported unscheduled shutdowns of the gas plant or flare during the reporting period. The 8-34-113 requirements allow for up to 240 scheduled shutdown hours during any calendar year. Since the flare was operated continuously while the gas plant was shut down, there were no scheduled shutdowns of the emission control systems during the reporting period. The systems at Acme were therefore operated in compliance with the shutdown limitations during this reporting period.

The flare was operated for a total of 13.0 hours during this reporting period. The heat input to the flare during this operating period did not exceed the maximum daily MFR BTU permit limit. The heat input to the flare during this reporting period was approximately 305 million BTU which is well below the 412,650 million BTU per year limitation. Flare flow records including specific days and hours of operation and strip chart recorder data will be retained in Acme files

for review by the BAAQMD upon request. The operation records provided for this reporting period indicate that Acme Landfill is in compliance with MFR heat input limits and the 8-34-113 requirements.

The East Parcel accepted green waste, wood waste, construction and demolition debris, and other inert wastes during the reporting period. Daily summaries of waste acceptance from January 1 to June 30, 2022 are provided in Appendix C. There are no areas on the East or North Parcels at Acme Landfill that are excluded from the landfill gas collection system. Acme Landfill's calculated waste acceptance rate during the reporting period, approximately 63 tons per day, is well below the 1,500 tons per day MFR Permit limit.

2.2 Flare Source Testing Results

Blue Sky Environmental completed source testing of the flare on June 22, 2022. Pursuant to a BAAQMD directive, an electronic copy of the source test report will be submitted to the Source Test Section within 45 days of testing. Source testing results will be summarized in a subsequent monitoring report. Blue Sky Environmental is performing compliance testing for the parameters listed in Condition #19906, Items 9 and 10 of the MFR Permit. Testing of the untreated landfill gas for the volatile organic (VOC) compound parameters listed in Condition #19906, Item 10 of the MFR Permit will be completed concurrent with the 2022 source test as specified in Blue Sky Environmental's source test plan which was filed with the BAAQMD on May 15, 2022.

2.3 Gas Collection and Emission Control System Leak Testing

Landfill gas wells and horizontal collectors are leak-tested quarterly to comply with the 8-34-303 requirements. Leak testing data are recorded in Appendix D. No leaks in excess of the 1,000 parts per million volume (ppmv) MFR Permit component limit were measured in North or East Parcel wells during the reporting period. PVC tape is routinely used to seal the annular space between North Parcel liner boots and the landfill gas wells to prevent leaks at these collectors. HDPE boots were installed over all the East Parcel wellheads during fourth quarter 2016. Bentonite chips have been placed around the East Parcel wells to provide a better seal at the ground surface/well head interface. The bentonite is hydrated and maintained to suppress leaks. In addition to the landfill gas wellhead work, flanges and boots on the North and East Parcel horizontal collectors were checked during this reporting period and resealed as necessary. The components tested were operated in compliance with the 8-34-303 requirements during the reporting period. Components on the pressure side of the gas plant were leak-tested on March 31 and June 29, 2022. No leaks were detected during this routine quarterly testing.

2.4 Wellhead Monitoring

Acme completed monthly wellhead monitoring of the landfill gas wells during the reporting period for the parameters required by 8-34-305. A Landtec GEM 5000 instrument was used to measure the required wellhead monitoring parameters. This instrument is factory-calibrated at six-month intervals and field-calibrated each month before use. Operation of the horizontal collectors and vertical wells on the North and East Parcels is described below.

Vacuum and pressure gauges installed on the North Parcel horizontal collectors were monitored monthly consistent with MFR Permit condition #19906, Part 5. Negative or static pressures were observed in the collectors during each of the monthly monitoring events. The isolation valves to each of the collector legs were therefore off during the reporting period. Gauge readings and gas quality results for the horizontal collectors are included in Appendix E. Malfunctioning gauges were replaced as they were identified. All of the North and East Parcel gas well measurements were in compliance with the 8-34-305 requirements during the monthly testing programs for this reporting period. Oxygen concentrations above 5 percent were sporadically detected in North Parcel well AW-23 and AW-24 and East Parcel wells EW-15 and EW-28. These results may be attributable to leaking fittings or temporary depletion of gas at these locations. East Parcel wells EW-33, EW-34, and Trench 1 were not monitored during a portion of the reporting period because these wells were located in active construction or waste filling areas.

Except for the oxygen results described above, the North Parcel vertical wells and East Parcel wells were in compliance with the 8-34-305 requirements for all parameters during monthly testing this period. Testing results are included in Appendix E. East Parcel wells EW-33, EW-34, and Trench 1 were not monitored during a portion of the reporting period because these wells were located in active construction or waste filling areas. Gas quality in East Parcel horizontal collectors T-2, and T-3 was generally good throughout this reporting period and these wells were operated continuously. Low flow well heads manufactured by QED Environmental Systems have been installed at several North and East Parcel wells to facilitate better flow control of landfill gas from the system. Tabular summaries of the East Parcel wellhead data are also included in Appendix E.

2.5 Landfill Surface Emission Monitoring

Annual monitoring of the closed North Parcel as allowed by CCR Title 17 §95471 was completed during February 2022. The North Parcel was monitored within 2 inches of the Parcel surface along approximately 100 foot intervals in 50,000 square feet grids using AB-32 compliant Trimble monitors. The Trimble monitors incorporate flame ionization or infrared detectors that are linked by wireless technology to GPS-enabled hand-held computers. A Figure showing the North Parcel grid layout is included in Appendix F. There were no emissions above 1.0 ppmv detected during the February 2022 SEM of the North Parcel. North Parcel SEM results are tabulated in Appendix F along with site wind speed data obtained using a portable data-logging anemometer during the monitoring program. A review of the data indicates that wind speeds during monitoring were well below the 10 miles per hour (MPH) average wind speed and 20 MPH instantaneous wind speed criteria included in Acme's alternative compliance option (ACO) application with the California Air Resources Board (CARB).

Based on the results of the February 2022 SEM, the North Parcel is in compliance with the methane emission standards specified in CCR Title 17 §95465. Therefore, annual monitoring of the North Parcel will continue to be completed along 100-foot interval walking patterns with the next SEM scheduled for first quarter 2023.

Integrated and instantaneous surface emission monitoring (SEM) was implemented at the East Parcel during first and second quarter 2022 as required by CCR Title 17 §95460 through 95476. The East Parcel was monitored within 2 inches of the Parcel surface along approximately 100-foot intervals in 50,000 square feet grids using AB-32 compliant Trimble SiteFID™ Landfill Gas Monitors. A figure showing the East Parcel grid layout is included in Appendix F. Monitoring results are discussed below.

There were no exceedances of the 25 ppmv integrated criteria or 1,000 ppmv instantaneous criteria during first or second quarter 2022 monitoring at the East Parcel. Monitoring results for each of the quarterly monitoring programs are summarized in Appendix F including tabular summaries of locations with measurements between 200 and 500 ppmv.

Site wind speed data was collected on the days that East Parcel SEM was performed using a portable data-logging anemometer. The anemometer data indicates that wind speeds were within the ACO criteria during both first and second quarter 2022 monitoring. Please note that several attempts to monitor the East Parcel during second quarter 2022 were aborted due to high winds regardless of the time of day that monitoring was attempted. Acme will continue to use its best efforts to obtain SEM data when the wind is within the ACO criteria. Wind speed monitoring data is also presented in Appendix F.

Based on the results obtained during these two SEM events, the East Parcel is in compliance with methane surface emission standards specified in CCR Title 17 § 95465 and therefore no additional corrective action is necessary. Complete monitoring data for these two events, including background and meter calibration data, will be maintained in the engineering office at the Acme Landfill.

2.6 Continuous Temperature and Flow Recorders

As mentioned previously, the landfill gas flare was operated for 13.0 hours during the reporting period. Flare temperature graphs for this period of operation has been recorded using a strip chart recorder. Temperatures above the 3-hour average 1,400 °F MFR Permit criteria were maintained while the flare was being operated. Strip chart recorder data documenting compliance with the MFR Permit criteria will be retained in Acme files for review by the BAAQMD upon request. Daily gas flow meter readings are summarized in Appendix B. The gas flow meters are calibrated to ensure the accuracy of the measurements. Gas flow meter calibration data is retained in Acme's files and can be submitted to the BAAQMD upon request.

2.7 Miscellaneous Landfill Operating Records

Acme maintains and operates a water truck to control dust emissions from the unpaved roadways at the site. A summary of the watering records for the reporting period containing the data required by the MFR Permit condition #19906, Part 11 is maintained at the Acme Landfill office. Note that road watering is completed only when necessary during the wet season. There were some days during this reporting period when use of the water truck was not necessary because the rainy weather precluded dust emissions from the roads at the site. Acme also measured hydrogen

sulfide concentrations in the raw landfill gas on a quarterly basis during the reporting period as required by MFR Permit condition #19906, Part 8. Hydrogen sulfide levels in the gas were measured using a calibrated RKI Eagle 2 instrument. The readings recorded during this reporting period, 20.0 ppmv on March 31, 2022 and 18.0 ppmv on June 22, 2022, are significantly below the 1,300-ppm MFR Permit limit.

Acme performed routine maintenance on the landfill gas extraction well network during the reporting period including periodic taping of liner boot seals, draining condensate from header lines, replacing landfill gas sampling ports on the well heads, replacing well identification stickers, and replacing malfunctioning gauges on the North Parcel horizontal collectors. Temporary shutdowns of wells were completed consistent with the 8-34-117 requirements. Well disconnection times and activities completed on these existing gas collection and control system components have been documented and will be retained in Acme files for review by the BAAQMD upon request. Descriptions of the maintenance work completed at the landfill gas wellheads during routine monthly testing are included on the field data forms provided in Appendix E.

3. SOURCE 10 – IC ENGINE POWERING WASTE RECYCLER

Acme used a diesel-fueled waste recycler manufactured by Peterson Pacific Corporation to chip wood and green wastes received at the landfill during the reporting period. An hour meter connected to the engine records waste recycler operating hours. The waste recycler was operated for a total of 17.6 hours during this reporting period. The waste recycler hour meter log and diesel fuel consumption records will be retained in Acme files and submitted upon request. Acme is permitted to operate the waste recycler for up to 1,200 hours during any consecutive 12-month period. California-certified diesel was used to fuel the waste recycler during the reporting period. Vendor certifications of sulfur content were included on every invoice received and are being retained in Acme files for review by the BAAQMD upon request. Water was used to moisture condition wood and green waste before chipping. Acme has installed a dedicated water line at the green waste chipping area to facilitate moisture conditioning of the waste and preclude fugitive emissions. Excessive visible particulate emissions were not observed while the waste recycler was operated and no fallout of particulate on adjacent property occurred during the reporting period.

4. SOURCE 200 – LEACHATE TREATMENT FACILITY

Influent and effluent leachate samples are collected and analyzed annually for the VOCs specified by MFR Permit condition #19908, Part 2. VOC and benzene emissions data from the sampling program will be reported in a future semiannual monitoring report as sampling is scheduled to be conducted during third quarter 2022 when leachate flows are not influenced by precipitation at the site. Daily leachate flow rates were below the 72,000-gallon per day limit during the reporting period. Leachate treatment plant flow rate data are included in Appendix G. Airflow rates to the aeration tanks are being retained in Acme files for review by the BAAQMD upon request.

5. SOURCE 201 – EMERGENCY GENERATOR

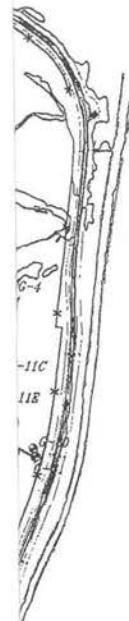
Acme maintains an 80-horsepower, 25-kilowatt emergency generator at the leachate treatment plant to ensure maximum run time at the plant and enable compliance with other regulatory requirements at the site. Acme received a permit from the BAAQMD to operate the emergency generator in a December 5, 2003 letter. An hour meter is connected to the engine and is read and recorded monthly to comply with the permit conditions. The generator was operated for a total of 0.6 hours for inspection and maintenance during this reporting period. CARB requirements limit the inspection and maintenance run time of this engine to less than 20 hours per year. There was no emergency run time during this reporting period.

LEGEND

EXISTING FACILITIES

- △ AERIAL FLIGHT CROSS (BENCHMARK)
- FH FIRE HYDRANT
- TREE
- ~ FLAGPOLE
- SECURITY FENCING
- UT — UTILITY TRENCH & PULL BOX
- W — WATER LINE
- ASPHALT STOCKPILE

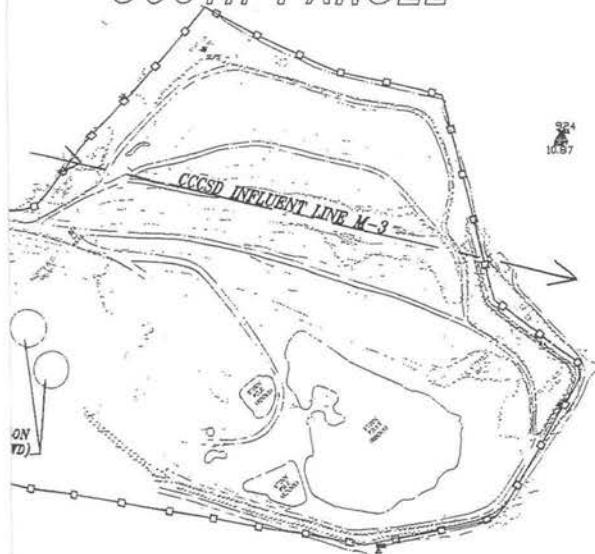
J.T. BAKER FACILITY



300 150 0 300 600 900
SCALE IN FEET
1"=300'

TY

SOUTH PARCEL



2015 RELEASE UNDER E.O. 14176

DATE	JANUARY 2016	BY	DATE	REVISION
SCALE	AS SHOWN		JMM 1/09	△ REVISED TO SHOW UTILITY TRENCH, ASPHALT ST FLAGPOLE & TREES
DESIGNED	NJF			
DRAWN	FCB	JMM	4/09	△ REVISED TO SHOW ADDITIONAL UTILITY TRENCH, ADDITIONAL TRENCH SECTION DETAIL
CHECKED	NJF			

POST-CLOSURE PERMIT APPLICATION

FIGURE

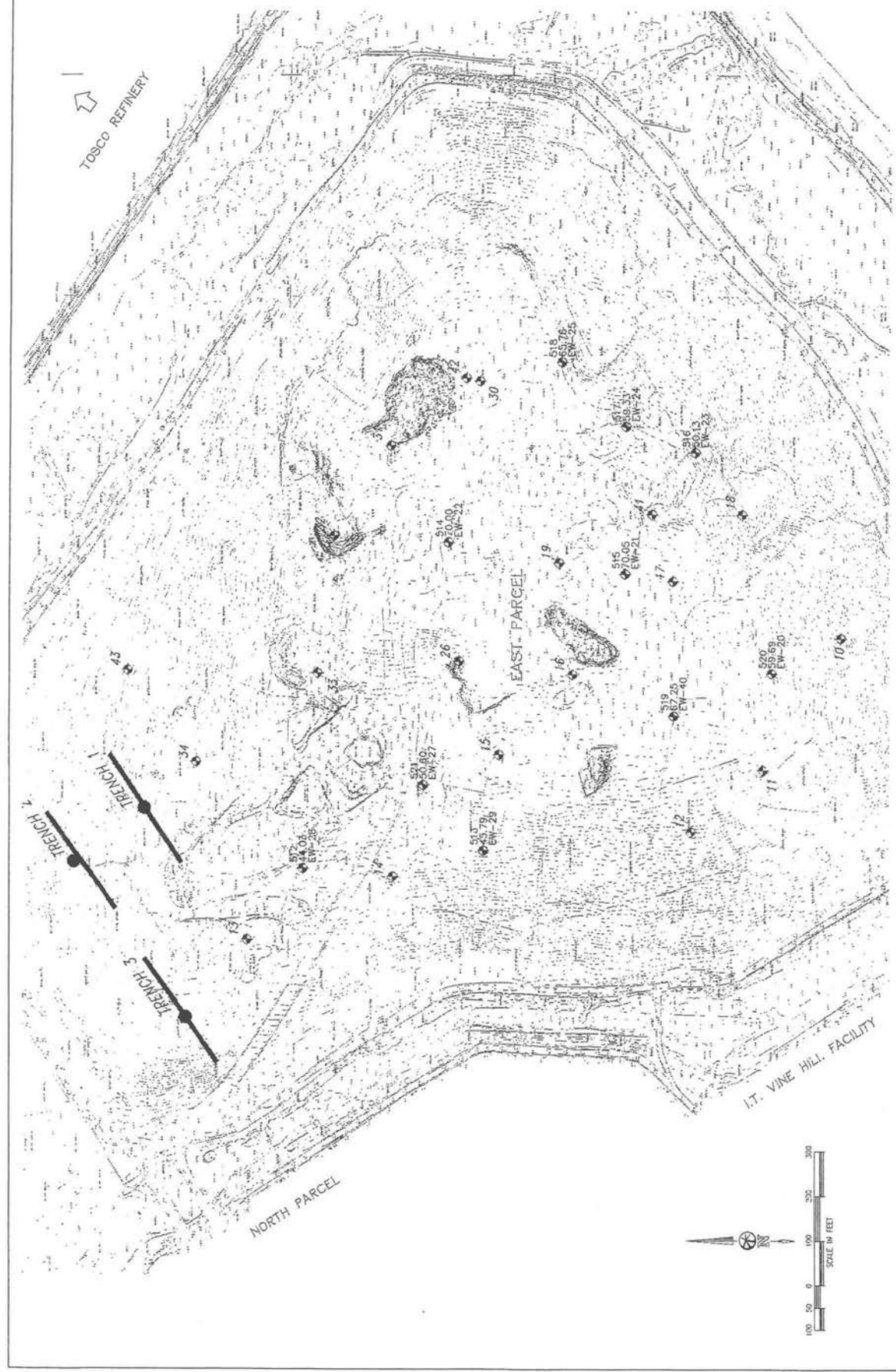
1

S PLAN

COUNTY

CALIFORNIA

JOB NO.
05006



DATE		APRIL 2014	BY	DATE	REVISION	EAST PARCEL
SCALE		1" = 100'				Bellecci & Associates, inc.
DESIGNED						Office of Professional Surveying & Land Surveyors
DRAWN						8880 Russell Ranch Rd., Suite 100 Cupertino, CA 95014 Phone: 408-648-0600 Fax: 408-648-0600
CHECKED						MARTINEZ

**EAST PARCEL
LANDFILL GAS WELLS AND
HORIZONTAL COLLECTORS**

EAST PARCEL
MARTINEZ

secci &

©2007 Gordon
Napier, Ltd.

1

APPROVAL DATE

1

1

1

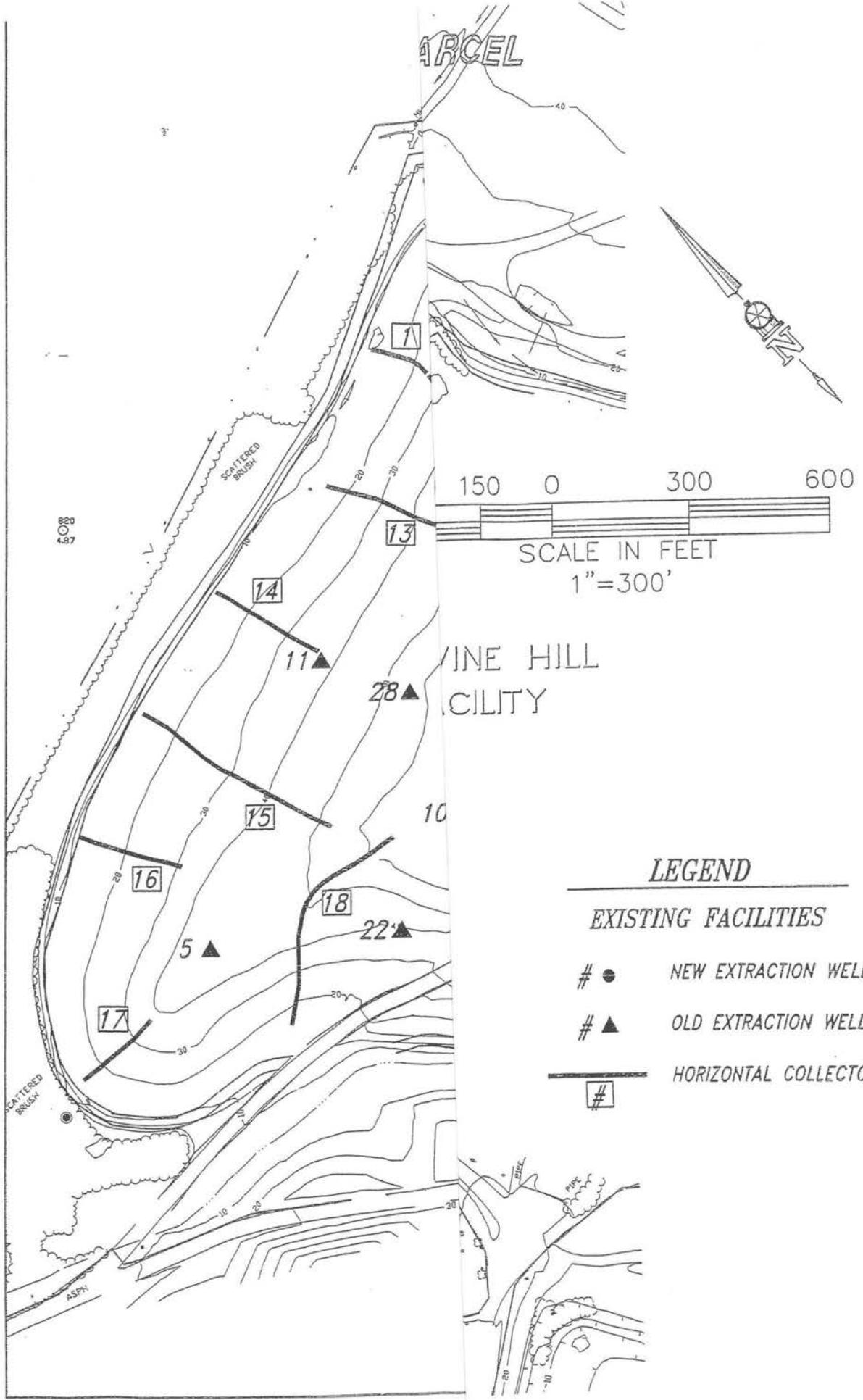
EVENING

BY DATE

2014
1" ≈ 100'

SIGNED
AWN
CHECKED

မြန်မာ ဒုက္ခသမ



BELECCI & ASSOCIATES, INC. Civil Engineering Solid Waste Specialized Construction Management	CIVIL ENGINEERING • LAND PLANNING • SURVEYING		
	2070 Bridlewood Drive El Dorado Hills, CA 95762 Phone (916) 675-5469 Fax (916) 675-5471	2000 Diamond Blvd., Suite 100 Concord, CA 94520 Phone (925) 680-4610 Fax (925) 680-4610	BY DATE
FIGURE 3 HORIZONTAL COLLECTORS, EXISTING CONDITIONS CONTRA COSTA COUNTY CALIFORNIA			
JOB # MARTINEZ 072022			

Appendix A

Monitoring Verification Report Checklist

Title V Semiannual Monitoring Verification Report Checklist
ACME FILL CORPORATION, 950 WATERBIRD WAY, MARTINEZ, CALIFORNIA 94553
FACILITY NO. 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

Source #: S-1 Source Name: Acme Landfill with Gas Collection System						
Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)
Compliance No						
Collection System Installation Dates	BAAQMD 8-34-304.1	Y		For Inactive/Closed Areas: collection system components must be installed and operating by 2 years + 60 days after initial waste placement	BAAQMD 8-34-501.7 and 501.8 and BAAQMD Condition # 19906, Parts 11b-c and 11e-f	P/E Records
Collection System Installation Dates	BAAQMD 8-34-304.2	Y		For Active Areas: Collection system components must be installed and operating by 5 years + 60 days after initial waste placement	BAAQMD 8-34-501.7 and 501.8 and BAAQMD Condition # 19906, Parts 11b-c and 11e-f	P/E Records
Collection System Installation Dates	BAAQMD 8-34-304.3	Y		For Any Uncontrolled Areas or Cells: collection system components must be installed and operating within 60 days after the uncontrolled area or cell accumulates 1,000,000 tons of decomposable waste	BAAQMD 8-34-501.7 and 501.8 and BAAQMD Condition # 19906, Parts 11b-c and 11e-f	P/E Records

Title V Semianual Monitoring Verification Report Checklist
ACME FILL CORPORATION, 950 WATERBIRD WAY, MARTINEZ, CALIFORNIA 94553
FACILITY NO. 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

Source #: S-1 Source Name: Acme Landfill with Gas Collection System						
Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)
Monitoring Type						
Collection System Installation Dates	40 CFR 60.753 (a)(2) and 60.755 (b)(2)	Y		For Inactive/Closed Areas: collection system components must be installed and operating by 2 years + 60 days after initial waste placement	40 CFR 60.758(a), (d)(1) and (d)(2), and 60.759(a)(3)	P/E Records
Collection System Installation Dates	40 CFR 60.753 (a)(1) and 60.755 (b)(1)	Y		For Active Areas: Collection system components must be installed and operating by 5 years + 60 days after initial waste placement	40 CFR 60.758(a), (d)(1) and (d)(2)	P/E Records
Gas Flow	BAAQMD Condition # 19906, Parts 3, 4, 5	Y		70 Vertical wells, 28 horizontal collectors; All collected landfill gas shall be vented to a properly operating control system	BAAQMD Condition # 19906, Parts 11e-i	C, P/D Gas Flow Meter and Recorder, and Records
Gas Flow	BAAQMD Condition # 19906, Part 5	Y		Vertical wells shall operate continuously. Horizontal collectors may operate intermittently.	BAAQMD Condition # 19906, Parts 5a-d and 11e-i	C, P/M, P/E Gas Flow Meter and Recorder, Wellhead Pressure, Methane, Oxygen, and Records

Title V Semianual Monitoring Verification Report Checklist
ACME FILL CORPORATION, 950 WATERBIRD WAY, MARTINEZ, CALIFORNIA 94553
FACILITY NO. 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

Source #: S-1 Source Name: Acme Landfill with Gas Collection System						
Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)
					C	C
Gas Flow	BAAQMD 8-34-301 and 301.1	Y		Landfill gas collection system shall operate continuously and all collected gases shall be vented to a properly operating control system	BAAQMD 8-34-501.10 and 508	Gas Flow Meter and Recorder (every 15 minutes), Records
Gas Flow	BAAQMD 8-34-404	Y		Specified landfill gas collection system components may operate less than continuously	BAAQMD 8-34-404.1-5 and BAAQMD Condition # 19906, Part 5	Wellhead Pressure, Oxygen, and Methane, Gas Flow, and Records
Gas Flow	40 CFR 60.752 (b)(2)(iii) and 40 CFR 60.753(a) and (e)	Y		Operate a collection system in each area or cell, vent all collected gases to a properly operating control system, and operate control system at all times when gas is vented to it	40 CFR 60.756(b)(2) (i or ii) and 60.758(c)(2)	Gas Flow Meter and Recorder (every 15 minutes) or Monthly Inspection of Bypass Valve and Lock and Records

Title V Semiannual Monitoring Verification Report Checklist
ACME FILL CORPORATION, 950 WATERBIRD WAY, MARTINEZ, CALIFORNIA 94553
FACILITY NO. 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

SAC Report

Source #: S-1 Source Name: Acme Landfill with Gas Collection System						
Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)
					P/D	Operating Records
Collection and Control Systems Shutdown Time	BAAQMD 8-34-113.2	Y		≤ 240 hours/year and ≤ 5 consecutive days	BAAQMD 8-34-501.1	✓
Collection and Control Systems Startup Shutdown or Malfunction	40 CFR 60.755(e)	Y		For Collection System: < 5 days per event and For Control System: < 1 hour per event	40 CFR 60.7(b), 60.757(f) (2-4)	Operating Records (all occurrences and duration of each)
Startup Shutdown or Malfunction Procedures	40 CFR 63.6(e)	Y		Minimize Emissions by Implementing SSM Plan	40 CFR 63.1980(a-b)	Records (all occurrences, duration of each, corrective actions)
Periods of Inoperation for Parametric Monitors	BAAQMD 1-523.2	Y		< 15 consecutive days per incident and ≤ 30 calendar days per 12 month period	BAAQMD 1-523.4	Operating Records for All Parametric Monitors

Title V Semiannual Monitoring Verification Report Checklist
ACME FILL CORPORATION, 950 WATERBIRD WAY, MARTINEZ, CALIFORNIA 94553
FACILITY NO. 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

Source #: S-1 Source Name: Acme Landfill with Gas Collection System						
Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)
					40 CFR 60.7(b)	P/D
Continuous Monitors	40 CFR 60.13(e)	Y		Requires Continuous Operation except for breakdowns, repairs, calibration, and required span adjustments		Operating Records for All Continuous Monitors
Wellhead Pressure	BAAQMD 8-34-305.1	Y		< 0 psig (applies to all wells or collectors that are connected to the vacuum system)	BAAQMD 8-34-414, 501.9 and 505.1	Monthly Inspection and Records
Wellhead Pressure	40 CFR 60.753(b)	Y		< 0 psig (Applies to all wells or collectors that are connected to the vacuum system)	40 CFR 60.755(a)(3), 60.756(a)(1), and 60.758(c) and (e)	Monthly Inspection and Records
Temperature of Gas at Wellhead	BAAQMD 8-34-305.2	Y		< 55 °C (Applies to all wells or collectors that are connected to the vacuum system)	BAAQMD 8-34-414, 501.9 and 505.2	Monthly Inspection and Records
Temperature of Gas at Wellhead	40 CFR 60.753(c)	Y		< 55 °C (Applies to all wells or collectors that are connected to the vacuum system)	40 CFR 60.755(a)(5), 60.756(a)(3), and 60.758(c) and (e)	Monthly Inspection and Records

Title V Semiannual Monitoring Verification Report Checklist
ACME FILL CORPORATION, 950 WATERBIRD WAY, MARTINEZ, CALIFORNIA 94553
FACILITY NO. 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

Source #: S-1 Source Name: Acme Landfill with Gas Collection System						
Type of Limit	Citation of Limit	FTE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)
					P/M	Monthly Inspection and Records
Gas Concentrations at Wellhead	BAAQMD 8-34-305.3 or 305.4	Y		N ₂ < 20% OR O ₂ < 5% (Applies to all wells or collectors that are connected to the vacuum system)	BAAQMD 8-34-414, 501.9 and 505.3 or 505.4	P/M
Gas Concentrations at Wellhead	40 CFR 60.755(c)	Y		N ₂ < 20% OR O ₂ < 5% (Applies to all wells or collectors that are connected to the vacuum system)	40 CFR 60.755(a)(5), 60.756(a)(2), and 60.758(c) and (e)	Monthly Inspection and Records
Well Shutdown Limits	BAAQMD 8-34-116.2	Y		No more than 5 wells at a time or 10% of total collection system, whichever is less	BAAQMD 8-34-116.5 and 501.1	P/D
Well Shutdown Limits	BAAQMD 8-34-116.3	Y		≤ 24 hours per well	BAAQMD 8-34-116.5 and 501.1	Records
Well Shutdown Limits	BAAQMD 8-34-117.4	Y		No more than 5 wells at a time or 10% of total collection system, whichever is less	BAAQMD 8-34-117.6 and 501.1	P/D
Well Shutdown Limits	BAAQMD 8-34-117.5	Y		≤ 24 hours per well or ≤ 5 days per well for component replacements	BAAQMD 8-34-117.6 and 501.1	Records

See Report

See Report

Title V Semiannual Monitoring Verification Report Checklist
ACME FILL CORPORATION, 950 WATERBIRD WAY, MARTINEZ, CALIFORNIA 94553
FACILITY NO. 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

Source #: S-1 Source Name: Acme Landfill with Gas Collection System							Compliance No	
Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Yes
TOC (Total Organic Compounds Plus Methane)	BAAQMD 8-34-301.2	Y		Component Leak Limit: ≤ 1000 ppmv as methane	BAAQMD 8-34-301.6 and 503	P/Q	Quarterly Inspection of collection and control system components with portable analyzer and Records	✓
TOC	BAAQMD 8-34-303	Y		Surface Leak Limit: ≤ 500 ppmv as methane at 2 inches above surface	BAAQMD 8-34-415, 416, 501.6, 506 and 510	P/M, Q, and E	Monthly Visual Inspection of Cover, Quarterly Inspection of surface with portable analyzer, Various Reinspection Times for Leaking Areas, and Records	✓

Title V Semianual Monitoring Verification Report Checklist
ACME FILL CORPORATION, 950 WATERBIRD WAY, MARTINEZ, CALIFORNIA 94553
FACILITY NO. 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

Source #: S-1 Source Name: Acme Landfill with Gas Collection System						
Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)
					P/M, Q and E	Monthly Visual Inspection of Cover, Quarterly Inspection with OVA of Surface, Various Reinspection Times for Leaking Areas, and Records
TOC	40 CFR 60.753(d)	Y		Surface Leak Limit: ≤ 500 ppmv as methane at 5-10 cm from surface	40 CFR 60.755(e)(1), (4) and (5), 60.756(f), and 60.758(c) and (e)	
Non-Methane Organic Compounds (NMOC)	BAAQMD 8-34-301.3	Y		≥ 98% removal by weight OR < 30 ppmv, dry basis @ 3% O ₂ , expressed as methane (applies to flare only)	BAAQMD 8-34-412 and 8- 34-501.4 and BAAQMD Condition # 19906, Part 9	Initial and Annual Source Tests and Records
NMOC	40 CFR 60.752(b) (2)(iii)(B)	Y		≥ 98% removal by weight OR < 20 ppmvd @ 3% O ₂ , expressed as hexane (applies to flare only)	40 CFR 60.8 and 60.752(b) (2)(iii)(B) and 60.758 (b)(2)(ii)	Initial Source Test and Records

Title V Semiannual Monitoring Verification Report Checklist
ACME FILL CORPORATION, 950 WATERBIRD WAY, MARTINEZ, CALIFORNIA 94553
FACILITY NO. 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

Source #: S-1 Source Name: Acme Landfill with Gas Collection System

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance No
Temper-ature of Combus-tion Zone (CT)	BAAQMD Condition # 19906, Part 7	Y		CT \geq 1400°F, averaged over any 3-hour period (applies to flare only)	BAAQMD 8-34-501.3 and 507, and BAAQMD Condition # 19906, Part 11j	C	Temperature Sensor and Recorder (continuous)	<input checked="" type="checkbox"/>
Temper-ature of Combus-tion Zone (CT)	40 CFR 60.758 (c)(1)(i)	Y		CT (3-hour average) \geq (CT _{PF} - 28 °C), where CT _{PF} is the average combustion temperature during the most recent complying performance test (applies to flare only)	40 CFR 60.756(b)(1) and 60.758 (b)(2)(i)	C	Temperature Sensor and Recorder (measured every 15 minutes and averaged over performance test time period and 3-hours)	<input checked="" type="checkbox"/>
Opacity	BAAQMD 6-1-301 and SIP 6-301	Y		Ringelmann No. 1 for < 3 minutes/hr (applies to S-1 Landfill Operations)	BAAQMD Condition # 19906, Part 11d	P/E, M	Records of all site watering and road cleaning events	<input checked="" type="checkbox"/>

Title V Semiannual Monitoring Verification Report Checklist
ACME FILL CORPORATION, 950 WATERBIRD WAY, MARTINEZ, CALIFORNIA 94553
FACILITY NO. 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

Source #: S-1 Source Name: Acme Landfill with Gas Collection System						
Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)
						Monitoring Type
Opacity	BAAQMD 6-1-301 and SIP 6-301	Y		Ringelmann No. 1 for < 3 minutes/hr (applies to flare)	None	N NA
FP	BAAQMD 6-1-310 and SIP 6-310	Y		≤ 0.15 grains/dscf (applies to flare only)	None	N NA
SO ₂	BAAQMD 9-1-301	Y		Property Line Ground Level Limits: ≤ 0.5 ppm for 3 minutes and ≤ 0.25 ppm for 60 min. and ≤ 0.05 ppm for 24 hours Exhaust Gas From Flare: ≤ 300 ppm (dry basis)	None	N NA
SO ₂	BAAQMD 9-1-302	Y			BAAQMD Condition # 19906, Part 8	P/Q Sulfur analysis of landfill gas and Records
Hydrogen Sulfide Content in Landfill Gas	BAAQMD Condition # 19906, Part 8	Y		≤ 1300 ppmv	BAAQMD Condition # 19906, Part 8 and 10.	P/Q H ₂ S Analysis of Landfill Gas and Records

Title V Semiannual Monitoring Verification Report Checklist
ACME FILL CORPORATION, 950 WATERBIRD WAY, MARTINEZ, CALIFORNIA 94553
FACILITY NO. 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

Source #: S-1 Source Name: Acme Landfill with Gas Collection System

Type of Limit	Citation of FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Yes	No
H ₂ S	BAAQMD 9-2-301	N	Property Line Ground Level Limits: ≤ 0.06 ppm, averaged over 3 minutes and ≤ 0.03 ppm, averaged over 60 minutes	None	N	NA	✓	
Amount of Waste Accepted	BAAQMD Condition # 19906, Part 1	Y	≤ 1500 tons/day and ≤ 11,348,000 tons (cumulative amount of all wastes) and ≤ 22,522,000 yd ³ (cumulative amount of all wastes and cover materials)	BAAQMD Condition # 19906, Part 11a	P/D	Records	✓	
Heat Input	BAAQMD Condition # 19906, Part 6	Y	≤ 1375 MM BTU per day and ≤ 412,560 MM BTU per year	BAAQMD Condition # 19906, Part 6	P/D	Records	✓	

Title V Semiannual Monitoring Verification Report Checklist
Acme Fill Corporation, 950 Waterbird Way, Martinez, California 94553
FACILITY NO 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

SOURCE#: S-10 SOURCE NAME: WASTE RECYCLER						
Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)
Operating Time	BAAQMD Condition # 21474, Part 1	Y		≤ 1200 hours during any consecutive 12-month period	BAAQMD Condition # 21474, Part 8a	P/D
Waste Storage Time	BAAQMD Condition # 21474, Part 2	Y		≤ 14 days from time of receipt, provided waste is not odorous; AND ≤ 72 hours from time of receipt, if waste is or becomes odorous;	BAAQMD Condition # 21474, Part 8b-c	P/E
Waste Storage Limit	BAAQMD Condition # 21474, Part 3	Y		Cumulative Volume of Green Waste: $\leq 1500 \text{ yd}^3$ on-site at any one time	BAAQMD Condition # 21474, Part 8b-c	P/E
Opacity	BAAQMD 6-1-301 and SIP 6-301	Y		\leq Ringelmann 1.0 for 3 minutes in any hour	BAAQMD Condition # 21474, Part 7	P/E
Opacity	BAAQMD Condition # 21474, Part 6	Y		\leq Ringelmann 1.0 for 3 minutes in any hour	BAAQMD Condition # 21474, Part 7	P/E

Title V Semiannual Monitoring Verification Report Checklist
Acme Fill Corporation, 950 Waterbird Way, Martinez, California 94553
FACILITY No 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

SOURCE#: S-10 SOURCE NAME: WASTE RECYCLER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Yes No
FP	BAAQMD 6-1-311 and SIP 6-311	Y		E = 0.026(P) ^{0.67} where: E = Allowable Emission Rate (lb/hr); and P = Process Weight Rate (lb/hr) Maximum Allowable Emission Rate = 40 lb/hr For P >57,320 lb/hr	None	N	NA	

Title V Monitoring Semiannual Monitoring Verification Report Checklist
Acme Fill Corporation, 950 Waterbird Way, Martinez, California 94553
FACILITY NO. 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

SOURCE #: S-200 SOURCE NAME: LEACHATE TREATMENT PLANT						
Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)
Total Carbon	BAAQMD 8-2-301 and SIP 8-2-301	Y		≤ 15 pounds/day, or ≤ 300 ppm, dry basis, in an exhaust stack	BAAQMD Condition # 19908, Parts 2 and 4	P/D & P/E Influent, Effluent Sampling, Calculations , and Records
VOC	BAAQMD Condition # 19908, Part 1a	Y		≤ 0.63 pounds in any consecutive 24 hour period	BAAQMD Condition # 19908, Parts 2 and 4	P/D & P/E Influent, Effluent Sampling, Calculations , and Records
Benzene	BAAQMD Condition # 19908, Part 1b	Y		≤ 0.05 pounds in any consecutive 24 hour period	BAAQMD Condition # 19908, Parts 2 and 4	P/D & P/E Influent & Effluent Sampling, Calculations and Records
Leachate Flow	BAAQMD Condition # 19908, Part 3	Y		≤ 72,000 gallons per day	BAAQMD Condition # 19908, Part 4	P/D Daily Records

Title V Semiannual Monitoring Verification Report Checklist
Acme Fill Corporation, 950 Waterbird Way, Martinez, California 94553
FACILITY NO. 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

Source # S-201 Source Name: Emergency Standby Diesel Engine-Generator Set						
Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)
					BAAQMD Condition # 24451, Part 5	P/E Observation of Source in Operation
Opacity	BAAQMD 6-1-303 and SIP 6-303	Y		≤Ringelmann 2.0 for 3 minutes in any hour		
FP	BAAQMD 6-1-310 and SIP 6-310	Y		≤ 0.15 gr/dscf	None	N NA
SO ₂	BAAQMD 9-1-301	Y		Property Line Ground Level Limits: ≤ 0.5 ppm for 3 minutes and ≤ 0.25 ppm for 60 minutes and ≤0.05 ppm for 24 hours	None	N NA

Title V Semianual Monitoring Verification Report Checklist
Acme Fill Corporation, 950 Waterbird Way, Martinez, California 94553
FACILITY No. 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

Source # S-201 Source Name: Emergency Standby Diesel Engine-Generator Set						
Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)
					P/E	CARB Diesel Fuel Sulfur Content Limits, Sales Restrictions, Usage Requirements, and Records
Liquid Fuel Sulfur Content	BAAQMD 9-1-304	Y		≤ 0.5% sulfur by weight	CCR, Title 13, section 2281(a) (2 and 5), CCR, Title 17, Sections 93115.5 and 93115.10, and BAAQMD Conditions # 24175, Part 8e-f, and # 24551, Part 4e	
Liquid Fuel Sulfur Content	CCR Title 17, Section 93115.5 (b) and CCR, Title 13, section 2281(a) (2 and 5)	N		Standby Engines must use CARB Diesel Fuel or other CARB Approved Alternative Fuel, which has Fuel Sulfur Limits of: ≤ 15 ppmw of S (for fuel sold after 6/1/06)	CCR, Title 17, Sections 93115.5 and 93115.10 and BAAQMD Conditions # 24175, Part 8e-f, and # 24551, Part 4e	

Title V Semannual Monitoring Verification Report Checklist
Acme Fill Corporation, 950 Waterbird Way, Martinez, California 94553
FACILITY NO. 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

Source # S-201 Source Name: Emergency Standby Diesel Engine-Generator Set						
Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)
Operating Hours	CCR, Title 17, Section 93115.6 (b)(3)(A) (1)(a)	N		Operating Hours for Reliability-Related Activities: ≤ 20 hours in a calendar year (for engines emitting ≥ 0.40 g/bhp-hr of diesel PM)	CCR, Title 17, Section 93115.10 (d)(1) and (f)(1)	P/C & P/M
Operating Hours	BAAQMD 9-8-330.2	N	expires 1/1/12	Operating Hours for Reliability-Related Activities: ≤ 100 hours in a calendar year	BAAQMD 9-8-530	P/C & P/M
Operating Hours	BAAQMD 9-8-330.3	N	1/1/12	Operating Hours for Reliability-Related Activities: ≤ 20 hours in a calendar year	BAAQMD 9-8-530 and BAAQMD Condition # 24451, Part 4	P/C & P/M
Hours of Operation	40 CFR 63.6640 (f)(1)(ii)	Y	5/3/13	≤ 100 hours each per calendar year for maintenance checks and readiness testing	40 CFR 63.6625(f) and 63.6655(f)(2)	C and P/M

Title V Semianual Monitoring Verification Report Checklist
Acme Fill Corporation, 950 Waterbird Way, Martinez, California 94553
FACILITY No. 1464, REPORTING PERIOD: JANUARY 1, 2022 TO JUNE 30, 2022

Source # S-201 Source Name: Emergency Standby Diesel Engine-Generator Set						
Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)
					C and P/M	Totalizing meter for hours of operation and Records
Hours of Operation	40 CFR 63.6640 (f)(1)(iii)	Y	5/3/13	≤50 hours each per calendar year for non-emergency operation	40 CFR 63.6625(f) and 63.6655(f)(2)	<input checked="" type="checkbox"/>
Engine idle time during startup	40 CFR 63.6625(h)	Y	5/3/13	≤30 minutes	None	N/A <input checked="" type="checkbox"/>
Schedule for oil and filter change	Table 2d 4.a. to 40 CFR Part 63 Subpart ZZZZ	Y	5/3/13	Every 500 hours of operation or annually, whichever comes first	40 CFR 63.665(e)	<input checked="" type="checkbox"/> Records
Schedule for air cleaner inspection	Table 2d 4.b. to 40 CFR Part 63 Subpart ZZZZ	Y	5/3/13	Every 1,000 hours of operation or annually, whichever comes first	40 CFR 63.665(e)	<input checked="" type="checkbox"/> Records
Schedule for hose and belt inspection	Table 2d 4.c. to 40 CFR Part 63 Subpart ZZZZ	Y	5/3/13	Every 500 hours of operation or annually, whichever comes first	40 CFR 63.665(e)	<input checked="" type="checkbox"/> Records
Operating Hours	BAAQMD Condition # 24451, Part 1	N		Operating Hours for Reliability-Related Activities: ≤ 20 hours in a calendar year	BAAQMD 9-8-530 and BAAQMD Condition # 24451, Part 4	<input checked="" type="checkbox"/> Hour Meter and Records

Appendix B

Collection and Emission Control System Daily Operation Records

MEMORANDUM

TO: Pat Lacey
FROM: Chris Charrette
DATE: May 4, 2022
SUBJECT: January 2022 Flare Gas BTU Compliance Report

Pat:

Below, I have supplied all the information necessary to satisfy item 6 of the *Permit to Operate No. 5630, ACME Landfill, Solid Waste Disposal Site with Active Gas Collection System 60 Vertical Wells.*

The monthly BTU value, 510, calculated using Blue Sky Environmental, LLC source testing results analyzed 7-8-2021.

A-2 Landfill Gas Flare - Monthly Totals

Landfill Gas Flare Average Flow rate - 0 cfm

January 2022 - Total Run Time, 0.0 Hours

Maximum Daily Heat Input - 0 Btu
Total Monthly Heat Input - 0 Btu

Scheduled Shutdown - Total hours, 0.0 Hours

Unscheduled Shutdown - Total Hours, 0.0 Hours

BULLDOG LFG SUPPLY FOR January 2022

DATE	Gas Yard LFG Unadjusted Flow ⁽¹⁾ F84216 KCFD	Gas Yard LFG Pressure P84215 PSIG	Gas Yard LFG Temperature T84214 DEGF	Gas Chromatograph Specific Gravity A84214	Gas Yard LFG P, T, and SG Corrected ⁽²⁾ F84216B KSCFD	Days Excluded From Average
01/01/22	580	23.5	52.8	0.962	410	
01/02/22	640	23.0	52.7	0.957	450	
01/03/22	630	23.2	54.0	0.954	444	
01/04/22	556	23.8	55.3	0.957	394	
01/05/22	589	23.5	55.7	0.952	417	
01/06/22	693	22.5	54.6	0.948	485	
01/07/22	606	23.5	54.9	0.949	429	
01/08/22	573	23.8	53.6	0.956	407	
01/09/22	575	23.7	53.8	0.959	407	
01/10/22	690	22.5	55.1	0.957	481	
01/11/22	742	22.1	55.0	0.954	515	
01/12/22	667	22.9	54.9	0.952	468	
01/13/22	669	22.8	55.0	0.952	469	
01/14/22	647	23.0	55.3	0.952	455	
01/15/22	685	22.7	54.6	0.953	480	
01/16/22	639	23.1	54.6	0.951	450	
01/17/22	627	23.2	54.8	0.951	443	
01/18/22	550	23.9	54.6	0.954	391	
01/19/22	615	23.3	55.0	0.956	433	
01/20/22	706	22.4	55.1	0.955	492	
01/21/22	700	22.5	55.7	0.951	489	
01/22/22	706	22.5	56.5	0.952	493	
01/23/22	721	22.3	55.0	0.956	501	
01/24/22	732	22.2	55.1	0.952	510	
01/25/22	601	23.5	54.8	0.952	426	
01/26/22	683	22.6	54.5	0.956	476	
01/27/22	698	22.6	55.0	0.957	487	
01/28/22	754	22.0	54.8	0.957	522	
01/29/22	743	22.0	54.7	0.955	515	
01/30/22	785	21.7	54.9	0.956	541	
01/31/22	775	21.8	55.0	0.955	535	
				Total	14,415	
	LFG BTU A84216 BTU/CF			Average ³	465	
Average Monthly BTU value, per agreement	528					
Standard Deviation	6					

⁽¹⁾ F84216 "Gas Yard LFG Unadjusted Flow" = Flow rate measured by plant control system based on orifice plate design conditions of 65 psig and 80 °F. This measurement is not adjusted to actual pipeline conditions.

⁽²⁾ Unadjusted flow corrected to billing conditions of 60 °F and 14.73 psia using the following equation:

$$Q_c = Q_u \sqrt{\left(\frac{P}{P_d}\right) \times \left(\frac{T_d}{T}\right)} \times \sqrt{\frac{T_{s,b}}{T_{s,o}}} \times \sqrt{\frac{SG_d}{SG}}$$

Where:

Q_c = Gas Yard LFG P&T Corrected Flow (F84216B) KSCFD

Q_u = Gas Yard LFG Unadjusted Flow (F84216) KCFD

P = Gas Yard LFG Pressure (P84215 + 14.7) psia

T = Gas Yard LFG absolute Temperature (T84214 + 460) °R

SG = Specific Gravity as measured by Gas Chromatograph (A84214)

P_d = Orifice Design Pressure = 65 psig = 79.7 psia

T_d = Orifice Design Temperature = 80 °F = 540 °R

SG_d = Orifice Design Specific Gravity based on gas composition = 0.965

$T_{s,o}$ = Orifice Standard Conditions Temperature = 68 °F = 528 °R

$T_{s,b}$ = Billing Standard Conditions Temperature = 60 °F = 520 °R

⁽³⁾ Excludes days with full or partial outages. Outage days are noted as excluded.
version updated in December 2018

MEMORANDUM

TO: Pat Lacey
FROM: Chris Charrette
DATE: May 4, 2022
SUBJECT: February 2022 Flare Gas BTU Compliance Report

Pat:

Below, I have supplied all the information necessary to satisfy item 6 of the *Permit to Operate No. 5630, ACME Landfill, Solid Waste Disposal Site with Active Gas Collection System 60 Vertical Wells.*

The monthly BTU value, 510, calculated using Blue Sky Environmental, LLC source testing results analyzed 7-8-2021.

A-2 Landfill Gas Flare - Monthly Totals

Landfill Gas Flare Average Flow rate - 0 cfm

February 2022 - Total Run Time, 0.0 Hours

Maximum Daily Heat Input - 0 Btu
Total Monthly Heat Input - 0 Btu

Scheduled Shutdown - Total hours, 0.0 Hours

Unscheduled Shutdown - Total Hours, 0.0 Hours

BULLDOG LFG SUPPLY FOR February 2022

DATE	Gas Yard LFG Unadjusted Flow ⁽¹⁾	Gas Yard LFG Pressure	Gas Yard LFG Temperature	Gas Chromatograph Specific Gravity	Gas Yard LFG P, T, and SG Corrected ⁽²⁾	Days Excluded From Average
	F84216 KCFD	P84215 PSIG	T84214 DEGF	A84214	F84216B KSCFD	
02/01/22	796	21.5	54.8	0.955	548	
02/02/22	721	22.3	57.0	0.959	500	
02/03/22	557	23.7	56.1	0.960	393	
02/04/22	658	22.8	56.0	0.961	458	
02/05/22	604	23.3	56.2	0.955	425	
02/06/22	705	22.4	56.5	0.956	490	
02/07/22	604	23.3	57.0	0.958	425	
02/08/22	589	23.5	57.4	0.955	415	
02/09/22	381	25.0	57.7	0.952	271	x
02/10/22	512	24.1	58.7	0.951	364	
02/11/22	559	23.7	58.9	0.951	395	
02/12/22	640	23.0	58.8	0.955	448	
02/13/22	649	22.9	59.1	0.956	453	
02/14/22	656	22.8	57.8	0.951	459	
02/15/22	688	22.6	57.9	0.952	479	
02/16/22	733	22.1	59.2	0.956	506	
02/17/22	705	22.4	59.1	0.960	488	
02/18/22	705	22.3	58.9	0.957	488	
02/19/22	578	23.5	59.3	0.953	408	
02/20/22	569	23.7	58.0	0.949	403	
02/21/22	538	23.8	58.0	0.954	381	
02/22/22	554	23.7	56.9	0.952	392	
02/23/22	594	23.4	56.9	0.959	417	
02/24/22	603	23.3	57.0	0.959	423	
02/25/22	641	22.9	57.4	0.956	448	
02/26/22	635	23.0	57.2	0.958	444	
02/27/22	617	23.1	58.9	0.956	432	
02/28/22	599	23.4	59.8	0.951	421	
				Total Average ³	12,174	
					441	
Average Monthly BTU value, per agreement	519					
Standard Deviation	6					

⁽¹⁾ F84216 "Gas Yard LFG Unadjusted Flow" = Flow rate measured by plant control system based on orifice plate design conditions of 65 psig and 80 °F. This measurement is not adjusted to actual pipeline conditions.

⁽²⁾ Unadjusted flow corrected to billing conditions of 60 °F and 14.73 psia using the following equation:

$$Q_c = Q_u \sqrt{\left(\frac{P}{P_d}\right) \times \left(\frac{T_d}{T}\right)} \times \sqrt{\frac{T_{s,b}}{T_{s,o}}} \times \sqrt{\frac{SG_d}{SG}}$$

Where:

Q_c = Gas Yard LFG P&T Corrected Flow (F84216B) KSCFD

Q_u = Gas Yard LFG Unadjusted Flow (F84216) KCFD

P = Gas Yard LFG Pressure (P84215 + 14.7) psia

T = Gas Yard LFG absolute Temperature (T84214 + 460) °R

SG = Specific Gravity as measured by Gas Chromatograph (A84214)

P_d = Orifice Design Pressure = 65 psig = 79.7 psia

T_d = Orifice Design Temperature = 80 °F = 540 °R

SG_d = Orifice Design Specific Gravity based on gas composition = 0.965

$T_{s,o}$ = Orifice Standard Conditions Temperature = 68 °F = 528 °R

$T_{s,b}$ = Billing Standard Conditions Temperature = 60 °F = 520 °R

⁽³⁾ Excludes days with full or partial outages. Outage days are noted as excluded.

version updated in December 2018

MEMORANDUM

TO: Pat Lacey
FROM: Chris Charrette
DATE: May 4, 2022
SUBJECT: March 2022 Flare Gas BTU Compliance Report

Pat:

Below, I have supplied all the information necessary to satisfy item 6 of the *Permit to Operate No. 5630, ACME Landfill, Solid Waste Disposal Site with Active Gas Collection System 60 Vertical Wells.*

The monthly BTU value, 510, calculated using Blue Sky Environmental, LLC source testing results analyzed 7-8-2021.

A-2 Landfill Gas Flare - Monthly Totals

Landfill Gas Flare Average Flow rate - 0 cfm

March 2022 - Total Run Time, 0.0 Hours

Maximum Daily Heat Input - 0 Btu
Total Monthly Heat Input - 0 Btu

Scheduled Shutdown - Total hours, 0.0 Hours

Unscheduled Shutdown - Total Hours, 0.0 Hours

BULLDOG LFG SUPPLY FOR February 2022

DATE	Gas Yard LFG Unadjusted Flow ⁽¹⁾ F84216 KCFD	Gas Yard LFG Pressure P84215 PSIG	Gas Yard LFG Temperature T84214 DEGF	Gas Chromatograph Specific Gravity A84214	Gas Yard LFG P, T, and SG Corrected ⁽²⁾ F84216B KSCFD	Days Excluded From Average
03/01/22	635	23.0	60.0	0.949	444	
03/02/22	486	24.2	60.2	0.946	345	
03/03/22	461	24.5	58.2	0.943	331	
03/04/22	505	24.2	58.8	0.950	359	
03/05/22	594	23.4	57.9	0.953	419	
03/06/22	626	23.1	58.8	0.956	438	
03/07/22	655	22.9	59.3	0.955	457	
03/08/22	638	23.0	60.2	0.948	448	
03/09/22	699	22.5	60.4	0.948	487	
03/10/22	725	22.2	59.9	0.955	502	
03/11/22	708	22.3	60.5	0.957	489	
03/12/22	653	22.9	60.4	0.952	456	
03/13/22	638	22.9	61.2	0.954	445	
03/14/22	544	23.8	61.5	0.954	384	
03/15/22	621	23.1	62.2	0.952	434	
03/16/22	653	22.9	62.1	0.951	456	
03/17/22	498	24.2	62.0	0.950	353	
03/18/22	635	23.0	62.5	0.950	443	
03/19/22	606	23.4	60.8	0.949	427	
03/20/22	678	22.6	62.2	0.956	470	
03/21/22	622	23.1	63.8	0.954	433	
03/22/22	705	22.4	65.5	0.952	487	
03/23/22	609	23.3	64.5	0.953	425	
03/24/22	573	23.6	63.9	0.951	403	
03/25/22	557	23.8	63.6	0.951	393	
03/26/22	491	24.2	64.7	0.946	348	
03/27/22	486	24.3	63.5	0.945	346	
03/28/22	442	24.7	62.9	0.950	316	
03/29/22	557	23.7	63.5	0.959	390	
03/30/22	537	23.9	62.3	0.955	379	
03/31/22	504	24.2	63.9	0.948	358	
				Total	12,866	
	LFG BTU A84216 BTU/CF			Average ³	415	

Average Monthly BTU value, per agreement **530**
 Standard Deviation **7**

⁽¹⁾ F84216 "Gas Yard LFG Unadjusted Flow" = Flow rate measured by plant control system based on orifice plate design conditions of 65 psig and 80 °F. This measurement is not adjusted to actual pipeline conditions.

⁽²⁾ Unadjusted flow corrected to billing conditions of 60 °F and 14.73 psia using the following equation:

$$Q_c = Q_u \sqrt{\left(\frac{P}{P_d}\right) \times \left(\frac{T_d}{T}\right)} \times \sqrt{\frac{T_{s,b}}{T_{s,o}}} \times \sqrt{\frac{SG_d}{SG}}$$

Where:

Q_c = Gas Yard LFG P&T Corrected Flow (F84216B) KSCFD

Q_u = Gas Yard LFG Unadjusted Flow (F84216) KCFD

P = Gas Yard LFG Pressure (P84215 + 14.7) psia

T = Gas Yard LFG absolute Temperature (T84214 + 460) °R

SG = Specific Gravity as measured by Gas Chromatograph (A84214)

P_d = Orifice Design Pressure = 65 psig = 79.7 psia

T_d = Orifice Design Temperature = 80 °F = 540 °R

SG_d = Orifice Design Specific Gravity based on gas composition = 0.965

$T_{s,o}$ = Orifice Standard Conditions Temperature = 68 °F = 528 °R

$T_{s,b}$ = Billing Standard Conditions Temperature = 60 °F = 520 °R

⁽³⁾ Excludes days with full or partial outages. Outage days are noted as excluded.
 version updated in December 2018

MEMORANDUM

TO: Pat Lacey
FROM: Chris Charrette
DATE: May 4, 2022
SUBJECT: April 2022 Flare Gas BTU Compliance Report

Pat:

Below, I have supplied all the information necessary to satisfy item 6 of the *Permit to Operate No. 5630, ACME Landfill, Solid Waste Disposal Site with Active Gas Collection System 60 Vertical Wells.*

The monthly BTU value, 510, calculated using Blue Sky Environmental, LLC source testing results analyzed 7-8-2021.

A-2 Landfill Gas Flare – Monthly Totals

Landfill Gas Flare Average Flow rate – 850 cfm

April 2022 – Total Run Time, 4.0 Hours

Maximum Daily Heat Input – 104,040,000 Btu
Total Monthly Heat Input – 104,040,000 Btu

Scheduled Shutdown – Total hours, 4.0 Hours

Unscheduled Shutdown – Total Hours, 0.0 Hours

Chris Charrette

BULLDOG LFG SUPPLY FOR April 2022

DATE	Gas Yard LFG Unadjusted Flow ⁽¹⁾	Gas Yard LFG Pressure	Gas Yard LFG Temperature	Gas Chromatograph Specific Gravity	Gas Yard LFG P, T, and SG Corrected ⁽²⁾	Days Excluded From Average
	F84216	P84215	T84214	A84214	F84216B	KSCFD
04/01/22	527	24.0	65.0	0.950	372	
04/02/22	604	23.3	65.6	0.953	422	
04/03/22	560	23.7	65.7	0.952	393	
04/04/22	533	24.0	65.3	0.956	375	
04/05/22	521	24.0	65.9	0.954	367	
04/06/22	508	24.1	67.1	0.951	358	
04/07/22	540	23.9	68.3	0.951	379	
04/08/22	546	23.8	69.0	0.949	384	
04/09/22	533	23.9	67.3	0.950	375	
04/10/22	533	23.9	66.5	0.950	376	
04/11/22	648	22.9	64.7	0.951	451	
04/12/22	694	22.5	64.6	0.959	479	
04/13/22	702	22.4	65.1	0.955	484	
04/14/22	641	23.0	64.1	0.950	447	
04/15/22	608	23.2	66.2	0.951	425	
04/16/22	581	23.5	65.5	0.954	407	
04/17/22	564	23.7	64.9	0.957	395	
04/18/22	547	23.8	65.4	0.951	385	
04/19/22	622	23.1	66.0	0.951	433	
04/20/22	411	24.6	66.0	0.953	289	x Bulldog outage
04/21/22	617	23.2	65.3	0.954	430	
04/22/22	616	23.2	65.7	0.962	428	
04/23/22	622	23.2	66.6	0.959	432	
04/24/22	540	23.9	67.6	0.956	379	
04/25/22	510	24.1	67.5	0.953	359	
04/26/22	673	22.7	66.4	0.954	465	
04/27/22	558	23.7	66.0	0.957	390	
04/28/22	521	23.9	66.0	0.959	364	
04/29/22	634	23.0	67.7	0.958	439	
04/30/22	578	23.6	67.8	0.954	404	
		LFG BTU A84216 BTU/CF		Total Average ³	12,087 407	
Average Monthly BTU value, per agreement	530					
Standard Deviation	7					

⁽¹⁾ F84216 "Gas Yard LFG Unadjusted Flow" = Flow rate measured by plant control system based on orifice plate design conditions of 65 psig and 80 °F. This measurement is not adjusted to actual pipeline conditions.

⁽²⁾ Unadjusted flow corrected to billing conditions of 60 °F and 14.73 psia using the following equation:

$$Q_c = Q_u \sqrt{\left(\frac{P}{P_d}\right) \times \left(\frac{T_d}{T}\right)} \times \sqrt{\frac{T_{s,b}}{T_{s,o}}} \times \sqrt{\frac{SG_d}{SG}}$$

Where:

Q_c = Gas Yard LFG P&T Corrected Flow (F84216B) KSCFD

Q_u = Gas Yard LFG Unadjusted Flow (F84216) KCFD

P = Gas Yard LFG Pressure ($P84215 + 14.7$) psia

T = Gas Yard LFG absolute Temperature ($T84214 + 460$) °R

SG = Specific Gravity as measured by Gas Chromatograph (A84214)

P_d = Orifice Design Pressure = 65 psig = 79.7 psia

T_d = Orifice Design Temperature = 80 °F = 540 °R

SG_d = Orifice Design Specific Gravity based on gas composition = 0.965

$T_{s,o}$ = Orifice Standard Conditions Temperature = 68 °F = 528 °R

$T_{s,b}$ = Billing Standard Conditions Temperature = 60 °F = 520 °R

⁽³⁾ Excludes days with full or partial outages. Outage days are noted as excluded.

version updated in December 2018

MEMORANDUM

TO: Pat Lacey
FROM: Chris Charrette
DATE: June 8, 2022
SUBJECT: May 2022 Flare Gas BTU Compliance Report

Pat:

Below, I have supplied all the information necessary to satisfy item 6 of the *Permit to Operate No. 5630, ACME Landfill, Solid Waste Disposal Site with Active Gas Collection System 60 Vertical Wells.*

The monthly BTU value, 510, calculated using Blue Sky Environmental, LLC source testing results analyzed 7-8-2021.

A-2 Landfill Gas Flare – Monthly Totals

Landfill Gas Flare Average Flow rate – 850 cfm

May 2022 – Total Run Time, 5.0 Hours

Maximum Daily Heat Input – 130,050,000 Btu
Total Monthly Heat Input – 130,050,000 Btu

Scheduled Shutdown – Total hours, 5.0 Hours

Unscheduled Shutdown – Total Hours, 0.0 Hours

Chris Charrette

BULLDOG LFG SUPPLY FOR May 2022

	Gas Yard LFG Unadjusted Flow ⁽¹⁾ DATE	Gas Yard LFG Pressure F84216 KCFD	Gas Yard LFG Temperature T84214 DEGF	Gas Chromatograph Specific Gravity A84214	Gas Yard LFG P, T, and SG Corrected ⁽²⁾ F84216B KSCFD	Days Excluded From Average	Days Excluded From Ops feedback
05/01/22	635	23.0	67.9	0.955	440		
05/02/22	649	22.9	67.2	0.959	448		
05/03/22	545	23.9	68.8	0.957	381		
05/04/22	567	23.6	70.4	0.955	395		
05/05/22	555	23.7	68.6	0.961	387		
05/06/22	556	23.6	69.3	0.958	388		
05/07/22	600	23.3	69.0	0.957	417		
05/08/22	589	23.5	67.1	0.957	411		
05/09/22	599	23.3	67.2	0.960	416		
05/10/22	628	22.9	66.7	0.963	432		
05/11/22	704	22.4	68.3	0.962	483		
05/12/22	645	22.9	68.2	0.961	445		
05/13/22	551	23.8	70.2	0.955	385		
05/14/22	583	23.5	71.6	0.953	406		
05/15/22	525	23.9	71.4	0.954	368	No events	
05/16/22	560	23.6	69.8	0.957	390		
05/17/22	595	23.4	70.6	0.957	413		
05/18/22	570	23.4	72.3	0.950	396		
05/19/22	517	24.1	74.3	0.953	362		
05/20/22	424	24.8	72.1	0.952	300	No events	
05/21/22	545	23.8	73.0	0.958	379		
05/22/22	588	23.4	73.3	0.959	407		
05/23/22	619	23.1	74.2	0.956	427		
05/24/22	749	21.8	75.4	0.956	507		
05/25/22	728	22.0	76.4	0.958	493		
05/26/22	449	23.0	72.3	0.966	309	x Furnace burnout	
05/27/22	620	23.1	72.8	0.970	425		
05/28/22	620	23.2	73.3	0.965	426		
05/29/22	705	22.3	73.9	0.966	479		
05/30/22	657	22.8	74.1	0.966	449		
05/31/22	618	23.1	74.5	0.966	423		
			Total	12,788			
		LFG BTU A84216	Average ³	416			
		BTU/CF					
Average Monthly BTU value, per agreement	502						
Standard Deviation	14						

⁽¹⁾ F84216 "Gas Yard LFG Unadjusted Flow" = Flow rate measured by plant control system based on orifice plate design conditions of 65 psig and 80 °F. This measurement is not adjusted to actual pipeline conditions.

⁽²⁾ Unadjusted flow corrected to billing conditions of 60 °F and 14.73 psia using the following equation:

$$Q_c = Q_u \sqrt{\left(\frac{P}{P_d}\right) \times \left(\frac{T_d}{T}\right)} \times \sqrt{\frac{T_{s,b}}{T_{s,o}}} \times \sqrt{\frac{SG_d}{SG}}$$

Where:

Q_c = Gas Yard LFG P&T Corrected Flow (F84216B) KSCFD

Q_u = Gas Yard LFG Unadjusted Flow (F84216) KCFD

P = Gas Yard LFG Pressure (P84215 + 14.7) psia

T = Gas Yard LFG absolute Temperature (T84214 + 460) °R

SG = Specific Gravity as measured by Gas Chromatograph (A84214)

P_d = Orifice Design Pressure = 65 psig = 79.7 psia

T_d = Orifice Design Temperature = 80 °F = 540 °R

SG_d = Orifice Design Specific Gravity based on gas composition = 0.965

T_{s,o} = Orifice Standard Conditions Temperature = 68 °F = 528 °R

T_{s,b} = Billing Standard Conditions Temperature = 60 °F = 520 °R

⁽³⁾ Excludes days with full or partial outages. Outage days are noted as excluded.

version updated in December 2018

MEMORANDUM

TO: Pat Lacey
FROM: Chris Charrette
DATE: July 20, 2022
SUBJECT: June 2022 Flare Gas BTU Compliance Report

Pat:

Below, I have supplied all the information necessary to satisfy item 6 of the *Permit to Operate No. 5630, ACME Landfill, Solid Waste Disposal Site with Active Gas Collection System 60 Vertical Wells.*

The monthly BTU value, 510, calculated using Blue Sky Environmental, LLC source testing results analyzed 7-8-2021.

A-2 Landfill Gas Flare - Monthly Totals

Landfill Gas Flare Average Flow rate - 580 cfm

June 2022 - Total Run Time, 4.0 Hours

Maximum Daily Heat Input - 70,992,000 Btu
Total Monthly Heat Input - 70,992,000 Btu

Scheduled Shutdown - Total hours, 4.0 Hours

Unscheduled Shutdown - Total Hours, 0.0 Hours

Chris Charrette

BULLDOG LFG SUPPLY FOR June 2022

DATE	Gas Yard LFG Unadjusted Flow ⁽¹⁾	Gas Yard LFG Pressure	Gas Yard LFG Temperature	Gas Chromatograph Specific Gravity	Gas Yard LFG P, T, and SG Corrected ⁽²⁾	Days Excluded From Average	Days Ops feedback
	F84216	P84215	T84214	A84214	F84216B	KSCFD	
06/01/22	597	23.3	76.0	0.965	411		
06/02/22	579	23.4	75.4	0.964	399		
06/03/22	585	23.4	74.0	0.967	403		
06/04/22	588	23.4	74.1	0.968	405		
06/05/22	577	23.4	74.8	0.966	397		
06/06/22	614	23.1	75.6	0.966	421		
06/07/22	578	23.4	75.7	0.966	398		
06/08/22	592	23.3	75.6	0.962	408		
06/09/22	571	23.5	77.1	0.956	395		
06/10/22	499	24.2	80.0	0.951	348		No LFG events
06/11/22	565	23.6	79.1	0.950	392		
06/12/22	671	22.7	76.8	0.950	461		
06/13/22	688	22.5	76.4	0.955	470		
06/14/22	606	23.2	78.0	0.951	419		
06/15/22	681	22.5	78.0	0.950	466		
06/16/22	592	23.4	76.6	0.950	410		
06/17/22	585	23.5	75.1	0.954	406		
06/18/22	561	23.8	75.7	0.955	390		
06/19/22	597	23.3	76.9	0.955	412		
06/20/22	592	23.4	78.9	0.952	410		
06/21/22	588	23.5	80.9	0.950	407		
06/22/22	352	19.7	85.9	0.952	244	x	Bulldog outage
06/23/22	474	24.3	80.6	0.950	331		No LFG events
06/24/22	506	24.0	80.0	0.950	352		No LFG events
06/25/22	529	23.8	79.1	0.954	368		
06/26/22	437	22.5	79.9	0.957	301	x	Bulldog outage
06/27/22	590	23.4	79.0	0.955	407		
06/28/22	586	23.4	80.2	0.959	403		
06/29/22	569	23.6	77.2	0.964	392		
06/30/22	597	23.3	75.2	0.963	411		
				Total	11,836		
	LFG BTU			Average ³	403		
	A84216						
	BTU/CF						
Average Monthly BTU value, per agreement	519						
Standard Deviation	26						

⁽¹⁾ F84216 "Gas Yard LFG Unadjusted Flow" = Flow rate measured by plant control system based on orifice plate design conditions of 65 psig and 80 °F. This measurement is not adjusted to actual pipeline conditions.

⁽²⁾ Unadjusted flow corrected to billing conditions of 60 °F and 14.73 psia using the following equation:

$$Q_c = Q_u \sqrt{\left(\frac{P}{P_d}\right) \times \left(\frac{T_d}{T}\right)} \times \sqrt{\frac{T_{s,b}}{T_{s,o}}} \times \sqrt{\frac{SG_d}{SG}}$$

Where:

Q_c = Gas Yard LFG P&T Corrected Flow (F84216B) KSCFD

Q_u = Gas Yard LFG Unadjusted Flow (F84216) KCFD

P = Gas Yard LFG Pressure (P84215 + 14.7) psia

T = Gas Yard LFG absolute Temperature (T84214 + 460) °R

SG = Specific Gravity as measured by Gas Chromatograph (A84214)

P_d = Orifice Design Pressure = 65 psig = 79.7 psia

T_d = Orifice Design Temperature = 80 °F = 540 °R

SG_d = Orifice Design Specific Gravity based on gas composition = 0.965

T_{s,o} = Orifice Standard Conditions Temperature = 68 °F = 528 °R

T_{s,b} = Billing Standard Conditions Temperature = 60 °F = 520 °R

⁽³⁾ Excludes days with full or partial outages. Outage days are noted as excluded.
version updated in December 2018

Appendix C

East Parcel Waste Acceptance Data

ACME FILL CORPORATION

"Contra Costa County's Pioneer Sanitary Landfill"

LANDFILL OFFICE:
950 Waterbird Way
Martinez, California 94553

Phone: 925-228-7099
Fax: 925-228-4484

MAILING ADDRESS:
P.O. Box 1108
Martinez, CA 94553

April 13, 2022

Ms. Priscilla Ruiz
Contra Costa Health Services
Environmental Health Division
2120 Diamond Boulevard, Suite 200
Concord, California 94520

Subject: First Quarter 2022 Landfill Tonnage Summary
Acme Landfill, Contra Costa County

Dear Ms. Ruiz:

Wastes disposed at the Acme Landfill, East Parcel during the first quarter of 2022 are summarized in the enclosed Table. Acme Fill Corporation (Acme) is submitting the data to comply with California solid waste disposal facility reporting requirements. Daily tonnages of wastes disposed, segregated into different categories, are included in the Table. Acme typically recycles all the source separated metal wastes received for disposal. Some of the green waste received during the quarter was processed and used on-site for erosion control on East Parcel slopes and as alternate daily cover (ADC). Consistent with Cal Recycle guidance, green waste used on-site for erosion control or ADC during first quarter 2022 was not counted as recycled. Landfill operations staff and equipment are also being utilized to salvage materials from the mixed loads that the landfill receives as described below.

Acme continued to focus their salvaging operations on the mixed construction and demolition debris loads that the Landfill received during first quarter 2022. Acme used a compactor or the Peterson Pacific Corp. portable heavy duty waste recycler to process mixed construction and demolition debris eligible for use as ADC. The heavy duty waste recycler was not used during the majority of the quarter while it was being repaired. The attached Table shows the daily quantities of construction and demolition debris pulverized or chipped and used as ADC. The ADC quantities were determined by estimating the size of the working face covered and the thickness of the applied ADC at the conclusion of each eligible day. A total of 205.28 tons of metal waste were recovered from the mixed construction and demolition debris loads received this quarter and

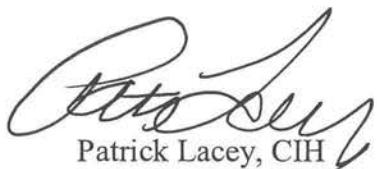
Ms. Priscilla Ruiz
Contra Costa Health Service
April 13, 2022
Page 2

shipped off site to a scrap metal recycler along with 3,88 tons of scrap metal from source separated loads. Records documenting the scrap metal removed from the site will be maintained in Acme files for review upon request.

Pursuant to the requirements of Assembly Bill 1353 which became effective on January 1, 2005, and the most recent Department of Toxic Substances Control pressure-treated wood disposal prohibition, Acme is not accepting pressure-treated wood for disposal at the landfill. Customers with pressure-treated wood are being directed to alternate locations for disposal of this waste. No pressure-treated wood was received or shipped from Acme for disposal during first quarter 2022.

The salvaging data described above are included on the enclosed Table along with the daily tonnage results. If you have any questions concerning the data presented in this letter, please contact us at (925) 228-7099.

Sincerely,



Patrick Lacey, CIH
Compliance Manager



Nicholas J. Farros, P.E.
Engineering Manager

Enclosure First Quarter 2022 Waste Disposal Summary

First Quarter 2022
Waste Disposal Summary
Acme Landfill, Contra Costa County

Date	Day of Week	Total Received, Not Including Clean Fill (tons)		Concrete (tons)	Const/Demo Recycled (tons)	Green Waste (tons)	Wood Waste (tons)	Green Waste Recycled (tons)	Metal (tons)	Total Recycled (tons)	Total Received for Landfilling (Not inc. clean fill or recycling)	Wood Waste Disposed at Keller Canyon (tons)	Tons of Clean Fill at \$20/ton
		Total Received, Including Clean Fill (tons)	Const/Demo (tons)										
1-Jan-22	Sat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2-Jan-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3-Jan-22	Mon	76.12	0.00	54.69	0.00	21.43	0.00	0.00	0.00	76.12	0.00	0.00	10.8
4-Jan-22	Tue	59.99	0.00	40.92	0.00	19.07	0.00	0.00	0.00	59.99	0.00	0.00	0.0
5-Jan-22	Wed	55.91	0.00	41.13	0.00	14.78	0.00	0.00	0.00	55.91	0.00	0.00	0.0
6-Jan-22	Thu	86.51	0.00	60.67	0.00	25.84	0.00	0.00	0.00	86.51	0.00	0.00	8.8
7-Jan-22	Fri	77.11	0.00	66.10	0.00	11.01	0.00	0.00	0.00	77.11	0.00	0.00	30.8
8-Jan-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
9-Jan-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
10-Jan-22	Mon	73.85	0.00	53.17	0.00	20.68	0.00	0.00	0.00	73.85	0.00	0.00	24.9
11-Jan-22	Tue	60.21	0.00	44.27	0.00	15.89	0.00	0.00	0.05	60.16	0.00	0.00	10.9
12-Jan-22	Wed	60.22	0.00	45.21	0.00	14.86	0.00	0.00	0.15	60.07	0.00	0.00	10.4
13-Jan-22	Thu	90.45	0.00	69.84	0.00	20.46	0.00	0.00	0.15	90.30	0.00	0.00	42.1
14-Jan-22	Fri	53.40	0.00	41.25	0.00	11.95	0.00	0.00	0.20	53.20	0.00	0.00	24.1
15-Jan-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
16-Jan-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
17-Jan-22	Mon	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
18-Jan-22	Tue	103.87	0.00	69.82	0.00	33.80	0.00	0.00	0.25	103.62	0.00	0.00	34.8
19-Jan-22	Wed	80.17	0.00	56.69	0.00	23.43	0.00	0.00	0.05	80.12	0.00	0.00	39.8
20-Jan-22	Thu	58.01	0.00	36.23	0.00	21.63	0.00	0.00	0.15	57.86	0.00	0.00	26.4
21-Jan-22	Fri	71.97	0.00	50.81	0.00	21.16	0.00	0.00	0.05	114.05	0.00	0.00	22.8
22-Jan-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.05	122.12	0.00	0.00	26.6
23-Jan-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.05	91.30	0.00	0.00	55.7
24-Jan-22	Mon	114.10	0.00	79.47	0.00	34.58	0.00	0.00	0.05	76.26	0.00	0.00	19.0
25-Jan-22	Tue	122.17	0.00	95.03	0.00	27.09	0.00	0.00	0.05	58.02	0.00	0.00	16.1
26-Jan-22	Wed	91.35	0.00	70.85	0.00	20.45	0.00	0.00	0.05	0.00	0.00	0.00	0.0
27-Jan-22	Thu	76.26	0.00	49.42	0.00	26.84	0.00	0.00	0.00	0.00	0.00	0.00	0.0
28-Jan-22	Fri	58.02	0.00	41.11	0.00	16.91	0.00	0.00	0.00	0.00	0.00	0.00	0.0
29-Jan-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
30-Jan-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
31-Jan-22	Mon	104.65	0.00	70.97	0.00	33.58	0.00	0.00	0.10	104.55	0.00	0.00	25.9
		1,574.34	0.00	1,137.65	0.00	450.76	0.00	0.00	1.25	1,573.09	0.00	0.00	435.99

First Quarter 2022
Waste Disposal Summary
Acme Landfill, Contra Costa County

Date	Day of Week	Total Received, Not Including Clean Fill (tons)	Concrete (tons)	Const/ Demo (tons)	Const/Demo Recycled (tons)	Green Waste (tons)	Wood Waste (tons)	Green Waste Recycled (tons)	Metal (tons)	Total Recycled (tons)	Total Received for Landfilling (Not inc. clean fill or recycling)	Wood Waste Disposed at Keller Canyon (tons)	Tons of Clear Fill at \$20/ton
1-Feb-22	Tue	79.51	0.00	52.35	0.00	27.16	0.00	0.00	0.00	0.00	79.51	0.00	26.3
2-Feb-22	Wed	98.66	0.00	68.59	0.00	30.07	0.00	0.00	0.00	0.00	98.66	0.00	33.1
3-Feb-22	Thu	51.92	0.00	37.71	0.00	14.21	0.00	0.00	0.00	0.00	51.92	0.00	34.5
4-Feb-22	Fri	57.92	0.00	43.21	0.00	14.66	0.00	0.05	0.05	0.05	57.87	0.00	30.6
5-Feb-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
6-Feb-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
7-Feb-22	Mon	74.63	0.00	47.96	0.00	26.62	0.00	0.05	0.05	0.05	74.58	0.00	23.2
8-Feb-22	Tue	64.40	0.00	48.82	0.00	15.58	0.00	0.00	0.00	0.00	64.40	0.00	21.9
9-Feb-22	Wed	82.76	0.00	53.34	0.00	29.42	0.00	0.00	0.00	0.00	82.76	0.00	43.9
10-Feb-22	Thu	65.33	0.00	51.26	0.00	13.92	0.00	0.15	0.15	0.15	65.18	0.00	32.6
11-Feb-22	Fri	76.93	0.00	54.57	0.00	22.31	0.00	0.05	0.05	0.05	76.88	0.00	33.6
12-Feb-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
13-Feb-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
14-Feb-22	Mon	69.47	0.00	42.83	0.00	26.64	0.00	0.00	0.00	0.00	69.47	0.00	19.4
15-Feb-22	Tue	160.03	0.00	131.23	0.00	28.47	0.33	0.00	0.00	0.00	160.03	0.00	29.2
16-Feb-22	Wed	84.43	0.00	65.76	0.00	18.67	0.00	0.00	0.00	0.00	84.43	0.00	21.1
17-Feb-22	Thu	69.57	0.00	38.96	0.00	30.61	0.00	0.00	0.00	0.00	69.57	0.00	12.3
18-Feb-22	Fri	72.80	0.00	52.25	0.00	20.45	0.00	0.10	0.10	0.10	72.70	0.00	24.4
19-Feb-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
20-Feb-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
21-Feb-22	Mon	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
22-Feb-22	Tue	96.69	0.00	69.11	0.00	27.48	0.00	0.10	0.10	0.10	96.59	0.00	27.3
23-Feb-22	Wed	88.33	0.00	62.07	0.00	26.76	0.00	0.00	0.00	0.00	88.83	0.00	36.4
24-Feb-22	Thu	79.38	0.00	61.32	0.00	18.06	0.00	0.00	0.00	0.00	79.38	0.00	47.9
25-Feb-22	Fri	63.76	0.00	42.48	0.00	21.28	0.00	0.00	0.00	0.00	63.76	0.00	13.2
26-Feb-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
27-Feb-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
28-Feb-22	Mon	109.97	0.00	81.27	0.00	28.15	0.55	0.00	0.00	0.00	109.97	0.00	22.9
		1,546.99	0.00	1,105.09	0.00	440.52	0.88	0.00	0.50	0.50	1,546.49	0.00	534.75

First Quarter 2022
Waste Disposal Summary
Acme Landfill, Contra Costa County

Date	Day of Week	Total Received, Not Including Clean Fill (tons)	Concrete Demo (tons)	Const/Demo Recycled (tons)	Green Waste (tons)	Wood Waste (tons)	Green Waste Recycled (tons)	Metal (tons)	Total Recycled (tons)	Total Received for Landfilling (Not inc. clean fill or recycling)	Wood Waste Disposed at Keller Canyon (tons)	Tons of Clea Fill at \$20/to
1-Mar-22	Tue	65.63	0.00	48.68	0.00	16.95	0.00	0.00	0.00	65.63	0.00	13.7
2-Mar-22	Wed	72.41	0.00	54.63	0.00	17.78	0.00	0.00	0.00	72.41	0.00	7.9
3-Mar-22	Thu	62.78	0.00	32.49	0.00	30.29	0.00	0.00	0.00	62.78	0.00	11.2
4-Mar-22	Fri	63.97	0.00	51.72	0.00	11.67	0.58	0.00	0.00	63.97	0.00	28.8
5-Mar-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
6-Mar-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
7-Mar-22	Mon	64.65	0.00	49.50	0.00	15.15	0.00	0.00	0.00	64.65	0.00	30.8
8-Mar-22	Tue	64.23	0.00	42.42	0.00	21.81	0.00	0.00	0.00	64.23	0.00	68.9
9-Mar-22	Wed	65.12	0.00	49.70	0.00	15.42	0.00	0.00	0.00	65.12	0.00	15.9
10-Mar-22	Thu	68.29	0.00	49.39	0.00	18.90	0.00	0.00	0.00	68.29	0.00	24.1
11-Mar-22	Fri	59.14	0.00	42.78	0.00	16.36	0.00	0.00	0.00	59.14	0.00	27.6
12-Mar-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
13-Mar-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
14-Mar-22	Mon	97.87	0.00	77.76	0.00	20.01	0.00	0.10	0.10	97.77	0.00	14.3
15-Mar-22	Tue	67.32	0.00	43.35	0.00	23.97	0.00	0.00	0.00	67.32	0.00	18.2
16-Mar-22	Wed	101.41	0.00	85.36	13.89	14.17	1.83	0.00	0.05	13.94	87.47	0.00
17-Mar-22	Thu	79.78	0.00	66.61	13.89	11.92	0.00	0.00	1.25	15.14	64.64	0.00
18-Mar-22	Fri	89.00	0.00	65.25	0.00	20.14	3.13	0.00	0.48	88.52	0.00	40.3
19-Mar-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
20-Mar-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
21-Mar-22	Mon	93.53	0.00	69.63	13.89	21.28	2.52	0.00	0.10	13.99	79.54	0.00
22-Mar-22	Tue	100.55	0.00	81.08	13.89	18.07	1.40	0.00	0.00	13.89	86.66	0.00
23-Mar-22	Wed	85.20	0.00	57.51	13.89	27.69	0.00	0.00	0.00	13.89	71.31	0.00
24-Mar-22	Thu	74.72	0.00	52.65	13.89	22.02	0.05	0.00	0.00	13.89	60.83	0.00
25-Mar-22	Fri	90.33	0.00	67.27	0.00	23.06	0.00	0.00	0.00	90.33	0.00	27.2
26-Mar-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
27-Mar-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
28-Mar-22	Mon	58.82	0.00	35.43	13.89	23.29	0.00	0.00	0.10	13.99	44.83	0.00
29-Mar-22	Tue	76.72	0.00	58.54	13.89	17.41	0.72	0.00	0.05	13.94	62.78	0.00
30-Mar-22	Wed	90.55	0.00	63.45	13.89	27.10	0.00	0.00	0.00	13.89	76.66	0.00
31-Mar-22	Thu	88.67	0.00	69.73	13.89	18.94	0.00	0.00	0.00	13.89	74.78	0.00
		1,780.69	0.00	1,314.93	138.90	453.40	10.23	0.00	2.13	141.03	1,639.66	0.00
Quarterly Subtotals		4,902.02	0.00	3,557.67	138.90	1,344.68	11.11	0.00	3.88	142.78	4,759.24	0.00
Salvaging Adjustments		0.00	0.00	-205.28	0.00	0.00	0.00	0.00	0.00	205.28	-205.28	0.0
TOTALS		4,902.02	0.00	3,352.39	138.90	1,344.68	11.11	0.00	209.16	348.06	4,553.96	0.00

ACME FILL CORPORATION

"Contra Costa County's Pioneer Sanitary Landfill"

LANDFILL OFFICE:
950 Waterbird Way
Martinez, California 94553

Phone: 925-228-7099
Fax: 925-228-4484

MAILING ADDRESS:
P.O. Box 1108
Martinez, CA 94553

July 14, 2022

Ms. Priscilla Ruiz
Contra Costa Health Services
Environmental Health Division
2120 Diamond Boulevard, Suite 200
Concord, California 94520

Subject: Second Quarter 2022 Landfill Tonnage Summary
Acme Landfill, Contra Costa County

Dear Ms. Ruiz:

Wastes disposed at the Acme Landfill, East Parcel during the second quarter of 2022 are summarized in the enclosed Table. Acme Fill Corporation (Acme) is submitting the data to comply with California solid waste disposal facility reporting requirements. Daily tonnages of wastes disposed, segregated into different categories, are included in the Table. Acme typically recycles all the source separated metal wastes received for disposal. Green and some wood wastes received during the quarter were processed and used on-site for erosion control on East Parcel slopes and as alternate daily cover (ADC). Consistent with Cal Recycle guidance, green waste used on-site for erosion control or ADC during second quarter 2022 was not counted as recycled. Landfill operations staff and equipment are also being utilized to salvage materials from the mixed loads that the landfill receives as described below.

Acme continued to focus their salvaging operations on the mixed construction and demolition debris loads that the Landfill received during second quarter 2022. Acme used a compactor or the Peterson Pacific Corp. portable heavy duty waste recycler to process mixed construction and demolition debris eligible for use as ADC. The attached Table shows the daily quantities of construction and demolition debris pulverized or chipped and used as ADC. The ADC quantities were determined by estimating the size of the working face covered and the thickness of the applied ADC at the conclusion of each eligible day. A total of 182.65 tons of metal waste were recovered from the mixed construction and demolition debris loads received this quarter and shipped off site to a scrap metal recycler along with 8.39 tons of scrap metal from source separated loads.

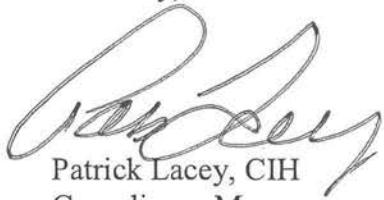
Ms. Priscilla Ruiz
Contra Costa Health Service
July 14, 2022
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Records documenting the scrap metal removed from the site will be maintained in Acme files for review upon request.

Pursuant to the requirements of Assembly Bill 1353 which became effective on January 1, 2005, and the most recent Department of Toxic Substances Control pressure-treated wood disposal prohibition, Acme is not accepting pressure-treated wood for disposal at the landfill. Customers with pressure-treated wood are being directed to alternate locations for disposal of this waste. No pressure-treated wood was received or shipped from Acme for disposal during second quarter 2022.

The salvaging data described above are included on the enclosed Table along with the daily tonnage results. If you have any questions concerning the data presented in this letter, please contact us at (925) 228-7099.

Sincerely,



Patrick Lacey, CIH
Compliance Manager



Nicholas J. Farros, P.E.
Engineering Manager

Enclosure Second Quarter 2022 Waste Disposal Summary

Second Quarter 2022
Waste Disposal Summary
Acme Landfill, Contra Costa County

Date	Day of Week	Total Received, Not Including Clean Fill (tons)	Concrete (tons)	Const/Demo Demo (tons)	Const/Demo Recycled (tons)	Green Waste (tons)	Wood Waste (tons)	Green Waste Recycled (tons)	Metal (tons)	Total Recycled (tons)	Total Received for Landfilling (Not inc. clean fill or recycling)	Wood Waste Disposed at Keller Canyon (tons)	Tons of Cle Fil at \$20/t
1-Apr-22	Fri	84.56	0.00	71.26	0.00	13.30	0.00	0.00	0.00	0.00	84.56	0.00	28
2-Apr-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
3-Apr-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
4-Apr-22	Mon	76.88	0.00	50.18	13.89	26.55	0.00	0.00	0.15	14.04	62.84	0.00	16
5-Apr-22	Tue	88.64	0.00	53.46	13.89	35.18	0.00	0.00	0.00	13.89	74.75	0.00	17
6-Apr-22	Wed	81.65	0.00	54.05	13.89	27.60	0.00	0.00	0.00	13.89	67.76	0.00	37
7-Apr-22	Thu	62.75	0.00	49.20	13.89	13.11	0.26	0.00	0.18	14.07	48.68	0.00	23
8-Apr-22	Fri	71.27	0.00	53.31	0.00	17.96	0.00	0.00	0.00	0.00	71.27	0.00	31
9-Apr-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
10-Apr-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
11-Apr-22	Mon	90.03	0.00	60.31	13.89	29.62	0.00	0.00	0.10	13.99	76.04	0.00	30
12-Apr-22	Tue	63.19	0.00	46.05	13.89	16.64	0.40	0.00	0.10	13.99	49.20	0.00	41
13-Apr-22	Wed	98.90	0.00	64.50	13.89	34.40	0.00	0.00	0.00	13.89	85.01	0.00	61
14-Apr-22	Thu	75.68	0.00	45.94	13.89	29.44	0.25	0.00	0.05	13.94	61.74	0.00	17
15-Apr-22	Fri	63.01	0.00	43.42	0.00	19.59	0.00	0.00	0.00	0.00	63.01	0.00	22
16-Apr-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
17-Apr-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
18-Apr-22	Mon	113.82	0.61	91.34	13.89	21.72	0.00	0.00	0.15	14.04	99.78	0.00	39
19-Apr-22	Tue	125.26	0.00	106.80	13.89	18.31	0.00	0.00	0.15	14.04	111.22	0.00	25
20-Apr-22	Wed	87.68	0.00	56.95	13.89	30.58	0.00	0.00	0.15	14.04	73.64	0.00	29
21-Apr-22	Thu	73.33	0.00	47.58	13.89	25.75	0.00	0.00	0.00	13.89	59.44	0.00	0
22-Apr-22	Fri	62.61	0.00	47.56	0.00	14.88	0.17	0.00	0.00	0.00	62.61	0.00	31
23-Apr-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
24-Apr-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
25-Apr-22	Mon	104.70	0.00	66.44	13.89	38.26	0.00	0.00	0.00	13.89	90.81	0.00	47
26-Apr-22	Tue	123.73	0.00	87.12	13.89	36.41	0.00	0.00	0.20	14.09	109.64	0.00	15
27-Apr-22	Wed	90.49	0.00	71.09	13.89	19.30	0.00	0.00	0.10	13.99	76.50	0.00	11
28-Apr-22	Thu	80.94	0.00	57.74	13.89	22.93	0.00	0.00	0.27	14.16	66.78	0.00	26
29-Apr-22	Fri	80.29	0.00	58.27	0.00	22.02	0.00	0.00	0.00	0.00	80.29	0.00	20
30-Apr-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
		1,714.85	0.61	1,211.31	222.24	515.57	1.08	0.00	1.60	223.84	1,491.01	0.00	547.39

Second Quarter 2022
Waste Disposal Summary
Acme Landfill, Contra Costa County

Date	Day of Week	Total Received, Not Including Clean Fill (tons)	Concrete (tons)	Const/Demo Recycled (tons)	Green Waste (tons)	Wood Waste (tons)	Green Waste Recycled (tons)	Metal (tons)	Total Recycled (tons)	Total Received for Landfilling (Not inc. clean fill or recycling)	Wood Waste Disposed at Keller Canyon (tons)	Tons of Cle. Fill at \$20/t	
1-May-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	
2-May-22	Mon	83.00	0.00	54.62	13.89	28.17	0.00	0.21	42.27	40.73	0.00	19	
3-May-22	Tue	76.48	0.00	53.27	13.89	23.16	0.00	0.05	13.94	62.54	0.00	21	
4-May-22	Wed	112.21	0.00	77.20	13.89	35.01	0.00	0.00	13.89	98.32	0.00	44	
5-May-22	Thu	62.34	0.00	47.69	13.89	14.51	0.09	0.05	13.94	48.40	0.00	36	
6-May-22	Fri	82.61	0.00	71.11	0.03	11.50	0.00	0.00	0.00	82.61	0.00	48	
7-May-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	
8-May-22	Sun	Closed	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0	
9-May-22	Mon	70.20	0.45	51.46	13.89	18.29	0.00	0.00	13.89	56.31	0.00	25	
10-May-22	Tue	60.69	0.00	46.67	13.89	13.97	0.00	0.05	13.94	46.75	0.00	94	
11-May-22	Wed	72.18	0.00	51.94	13.89	19.35	0.89	0.00	13.89	58.29	0.00	-44	
12-May-22	Thu	73.66	0.00	51.92	13.89	17.61	3.88	0.00	0.25	14.14	59.52	0.00	
13-May-22	Fri	62.85	0.00	49.82	0.03	13.03	0.00	0.00	0.00	62.85	0.00	25	
14-May-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	
15-May-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	
16-May-22	Mon	100.47	0.00	74.13	13.89	26.16	0.00	0.18	14.07	86.40	0.00	21	
17-May-22	Tue	74.72	0.00	49.82	13.89	24.80	0.00	0.10	13.99	60.73	0.00	25	
18-May-22	Wed	65.81	0.00	46.61	13.89	19.15	0.00	0.05	13.94	51.87	0.00	20	
19-May-22	Thu	54.09	0.00	33.89	13.89	20.00	0.00	0.20	14.09	40.00	0.00	17	
20-May-22	Fri	40.64	0.00	31.34	0.01	9.30	0.00	0.00	0.00	40.64	0.00	19	
21-May-22	Sat	Closed	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0	
22-May-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	
23-May-22	Mon	72.78	0.00	48.38	13.89	24.15	0.00	0.25	14.14	58.64	0.00	47	
24-May-22	Tue	78.43	0.00	50.91	13.89	27.52	0.00	0.00	13.89	64.54	0.00	14	
25-May-22	Wed	66.72	0.00	57.54	13.89	9.18	0.00	0.00	13.89	52.83	0.00	30	
26-May-22	Thu	77.79	0.00	66.60	13.89	11.19	0.00	0.00	13.89	63.90	0.00	26	
27-May-22	Fri	57.98	0.00	47.54	0.00	10.44	0.00	0.00	0.00	57.98	0.00	18	
28-May-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	
29-May-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	
30-May-22	Mon	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	
31-May-22	Tue	98.54	0.00	75.34	13.89	22.92	0.23	0.00	0.05	13.94	84.60	0.00	18
		1,461.19	0.45	1,083.18	222.24	371.24	5.09	0.00	1.23	223.47	1,231.72	0.00	640.99

Second Quarter 2022
Waste Disposal Summary
Acme Landfill, Contra Costa County

		Total Received, Not Including Clean Fill (tons)	Concrete (tons)	Const/ Demo (tons)	Const/Demo Recycled (tons)	Green Waste (tons)	Wood Waste (tons)	Green Waste Recycled (tons)	Metal (tons)	Total Recycled (tons)	Total Received for Landfilling (Not inc. clean fill or recycling)	Total Received for Landfilling (Not inc. clean fill or recycling)	Wood Waste Disposed at Keller Canyon (tons)	Tons of Cle Till at \$20/t
Date	Day of Week													
1-Jun-22	Wed	55.78	0.00	43.00	13.87	12.68	0.00	0.00	0.10	13.99	41.79	0.00	0.00	20
2-Jun-22	Thu	67.45	0.00	48.23	13.87	19.22	0.00	0.00	0.00	13.89	53.56	0.00	0.00	12
3-Jun-22	Fri	80.61	0.00	50.55	0.05	30.06	0.00	0.00	0.00	0.00	80.61	0.00	0.00	13
4-Jun-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
5-Jun-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
6-Jun-22	Mon	88.04	0.00	64.69	13.89	23.35	0.00	0.00	0.00	13.89	74.15	0.00	0.00	29
7-Jun-22	Tue	58.28	0.00	36.99	13.89	20.33	0.00	0.00	0.96	14.85	43.43	0.00	0.00	8
8-Jun-22	Wed	65.94	0.00	41.35	13.89	24.59	0.00	0.00	0.00	13.89	52.05	0.00	0.00	28
9-Jun-22	Thu	63.94	0.00	45.66	13.89	18.28	0.00	0.00	0.00	13.89	50.05	0.00	0.00	23
10-Jun-22	Fri	70.11	0.00	64.20	0.06	5.61	0.00	0.00	0.30	0.30	69.81	0.00	0.00	14
11-Jun-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
12-Jun-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
13-Jun-22	Mon	86.10	0.00	71.90	13.89	14.20	0.00	0.00	0.00	13.89	72.21	0.00	0.00	32
14-Jun-22	Tue	66.28	0.00	56.43	13.89	9.75	0.00	0.00	0.10	13.99	52.29	0.00	0.00	46
15-Jun-22	Wed	65.59	0.00	53.87	13.89	11.57	0.00	0.00	0.15	14.04	51.55	0.00	0.00	30
16-Jun-22	Thu	54.79	0.00	47.92	13.89	6.36	0.46	0.00	0.05	13.94	40.85	0.00	0.00	34
17-Jun-22	Fri	70.35	0.00	53.19	0.00	13.76	1.14	0.00	2.26	2.26	68.09	0.00	0.00	46
18-Jun-22	Sat	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
19-Jun-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
20-Jun-22	Mon	63.95	0.00	52.72	13.89	11.23	0.00	0.00	0.00	13.89	50.06	0.00	0.00	11
21-Jun-22	Tue	66.45	0.00	52.02	13.89	14.33	0.00	0.00	0.10	13.99	52.46	0.00	0.00	12
22-Jun-22	Wed	73.68	0.00	66.87	13.89	6.81	0.00	0.00	0.00	13.89	59.79	0.00	0.00	21
23-Jun-22	Thu	70.18	0.00	57.27	13.89	12.91	0.00	0.00	0.00	13.89	56.29	0.00	0.00	27
24-Jun-22	Fri	53.18	0.00	35.77	0.00	14.83	1.09	0.00	1.49	1.49	51.69	0.00	0.00	27
25-Jun-22	Sat	Closed	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
26-Jun-22	Sun	Closed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
27-Jun-22	Mon	56.09	0.00	30.23	13.89	25.86	0.00	0.00	0.00	13.89	42.20	0.00	0.00	46
28-Jun-22	Tue	58.93	0.00	47.13	13.89	11.75	0.00	0.00	0.05	13.94	44.99	0.00	0.00	24
29-Jun-22	Wed	83.23	0.00	60.56	13.89	22.67	0.00	0.00	0.00	13.89	69.34	0.00	0.00	31
30-Jun-22	Thu	72.03	0.00	53.24	13.89	17.99	0.80	0.00	0.00	13.89	58.14	0.00	0.00	27
		1,490.98	0.00	1,133.79	250.02	348.14	3.49	0.00	5.56	255.58	1,235.40	0.00	0.00	573.4
Quarterly Subtotals		4,667.02	1.06	3,428.28	694.50	1,234.95	9.66	0.00	8.39	702.89	3,964.13	0.00	0.00	1,762.4
Salvaging Adjustments		0.00	0.00	-182.65	0.00	0.00	0.00	0.00	182.65	-182.65	0.00	0.00	0.0	0.1
TOTALS		4,667.02	1.06	3,245.63	694.50	1,234.95	9.66	0.00	191.04	885.54	3,781.48	0.00	0.00	1,762.4

Appendix D

Component Leak Testing Data

Landfill Gas Monitoring Data

Acme Landfill, Martinez, CA

Date \ Time: 3-23-22

Weather: clear warm

Monitoring Device: RKI Eagle 2

Calibration \ Equipment ID #: PRESUNIG

Monitored By \ Affiliation: J. Butera /FSI

EAST PARCEL WELLFIELD

Monitored Location	Readings (ppm)	Implementation of Corrective Measures (if greater than 1,000 ppm)		
		Date	Readings(ppm)	Description of Corrective Measures
Well 10	0.0			
Well 11	0.0			
Well 12	0.0			
Well 13	0.0			
Well 14	0.0			
Well 15	0.0			
Well 16	0.0			
Well 17	0.0			
Well 18	0.0			
Well 19	0.0			
Well 20	0.0			
Well 21	0.0			
Well 22	0.0			
Well 23	0.0			
Well 24	0.0			
Well 25	0.0			
Well 26	0.0			
Well 27	0.0			
Well 28	0.0			
Well 29	0.0			
Well 30	0.0			
Well 31	0.0			
Well 32	0.0			
Well 34	0.0			Stack up only well off like
Well 35	0.0			
Well 40	0.0			
Well 41	0.0			
Well 42	0.0			

EAST PARCEL WELLFIELD (Continued)

Well 43	0.0		
Well T1	0.0		
Well T2	0.0		
Well T3	0.0		

T2 off line, Stick up only

Stick up only well off line

COMMENTS:

Landfill Gas Monitoring Data

Acme Landfill, Martinez, CA

Date \ Time: 6/28/22 / 030

Weather: clear, windy

Monitoring Device: Eagle RKI

Calibration \ Equipment ID #: P08N9GJ

Monitored By \ Affiliation: R.Guevara F.S.I

EAST PARCEL WELLFIELD

Monitored Location	Readings (ppm)	Implementation of Corrective Measures (if greater than 1,000 ppm)		
		Date	Readings(ppm)	Description of Corrective Measures
Well 10	0.0			
Well 11	0.0			
Well 12	0.0			
Well 13	0.0			
Well 14	0.0			
Well 15	0.0			
Well 16	0.0			
Well 17	0.0			
Well 18	0.0			
Well 19	0.0			
Well 20	0.0			
Well 21	0.0			
Well 22	0.0			
Well 23	0.0			
Well 24	0.0			
Well 25	0.0			
Well 26	0.0			
Well 27	0.0			
Well 28	0.0			
Well 29	0.0			
Well 30	0.0			
Well 31	0.0			
Well 32	0.0			
Well 33	0.0			
Well 34	0.0			
Well 40	0.0			
Well 41	0.0			
Well 42	0.0			

EAST PARCEL WELLFIELD (Continued)

Well 43	00			
Well T1	00			
Well T2	00			
Well T3	00			

COMMENTS:

Landfill Gas Monitoring Data

Acme Landfill, Martinez, CA

Date \ Time: 11/7/22 | 0750

Weather: Overcast | Dri

Monitoring Device: RKI Eagle 2

Calibration \ Equipment ID #: Before JUN 4

Monitored By \ Affiliation: M. Gallagos | Field Solutions

NORTH PARCEL WELLFIELD

Monitored Location	Readings (ppm)	Implementation of Corrective Measures (if greater than 1,000 ppm)		
		Date	Readings (ppm)	Description of Corrective Measures
Well 1	0			
Well 2	0			
Well 3	0			
Well 4	0			
Well 4A	0			
Well 4B	0			
Well 5	0			
Well 6	0			
Well Old 6	0			
Well 7	0			
Well 8	0			
Well 9	0			
Well 9B	0			
Well 10	0			
Well 11	0			
Well 12	0			
Well 20	0			
Well 21	0			
Well 22	0			
Well 23	500	11/7/22	0 reading	
Well 23A	0			
Well 24	0			
Well 25	0			
Well 27	0			
Well 28	0			
Well 29	0			

NORTH PARCEL WELLFIELD (continued)

Monitored Location	Readings (ppm)	Implementation of Corrective Measures (if greater than 1,000 ppm)		
		Date	Readings (ppm)	Description of Corrective Measures
Well 35	0			
Well 36	0			
PC-1	0			
PC-2	0			
PC-3	0			
PC-4	0			
PC-5	0			
PC-6	0			
PC-7	0			
PC-8	0			
PC-9	0			
PC-10	0			
PC-11	0			
PC-12	0			
PC-13	0			
PC-14	0			
PC-15	0			
PC-16	0			
PC-17	0			
PC-18	0			
PC-19	0			
PC-20	0			
PC-21	0			
PC-22	0			
PC-23	300	V-7122	0 treated	
PC-24	0			
PC-25	0			
EW-100	0			
EW-101	0			
EW-102	0			
EW-103	0			
EW-104	0			
EW-105	0			

NORTH PARCEL WELLFIELD (continued)

NOTE: During the first quarter of each calendar year, complete a methane emissions survey around the drip lines of each of the two-planted trees by the scalehouse and around the perimeter of the asphalt stockpile. Note the results of the survey in the comments section below.

COMMENTS:

- No emissions detected around dmp line at two sites by sculhouse
 - No emissions detected around perimeter of asphalt stockpiles (solar farm)

Landfill Gas Monitoring Data

Acme Landfill, Martinez, CA

Date \ Time: 4-12-22

Weather: Clear

Monitoring Device: Eagle PKT

Calibration \ Equipment ID #: P05091

Monitored By \ Affiliation: Manny Chillegos FSI

NORTH PARCEL WELLFIELD

Monitored Location	Readings (ppm)	Implementation of Corrective Measures (if greater than 1,000 ppm)		
		Date	Readings (ppm)	Description of Corrective Measures
Well 1	0	4-12-22		
Well 2	0	4-12-22		
Well 3	0	4-12-22		
Well 4	0			
Well 4A	0			
Well 4B	0			
Well 5	0			
Well 6	0			
Well Old 6	0			
Well 7	0			
Well 8	0			
Well 9	0			
Well 9B	0			
Well 10	0			
Well 11	0			
Well 12	0			
Well 20	0			
Well 21	0			
Well 22	0			
Well 23	0			
Well 23A	0			
Well 24	0			
Well 25	0			
Well 27	0			
Well 28	0			
Well 29	0			

NORTH PARCEL WELLFIELD (continued)

Monitored Location	Readings (ppm)	Implementation of Corrective Measures (if greater than 1,000 ppm)		
		Date	Readings (ppm)	Description of Corrective Measures
Well 35	0			
Well 36	0			
PC-1	0			
PC-2	0			
PC-3	0			
PC-4	0			
PC-5	0			
PC-6	0			
PC-7	0			
PC-8	0			
PC-9	0			
PC-10	0			
PC-11	0			
PC-12	0			
PC-13	0			
PC-14	0			
PC-15	0			
PC-16	0			
PC-17	0			
PC-18	0			
PC-19	0			
PC-20	0			
PC-21	0			
PC-22	0			
PC-23	0			
PC-24	0			
PC-25	0			
EW-100	0			
EW-101	0			
EW-102	0			
EW-103	0			
EW-104	0			
EW-105	0			

NORTH PARCEL WELLFIELD (continued)

NOTE: During the first quarter of each calendar year, complete a methane emissions survey around the drip lines of each of the two-planted trees by the scalehouse and around the perimeter of the asphalt stockpile. Note the results of the survey in the comments section below.

COMMENTS:

Appendix E

Landfill Gas Wellhead Monitoring Data

EAST PARCEL - JANUARY 2022

Device ID	Date/Time	CH4 %	CO2 %	O2 %	Balance %	Rel Pressure in H2O	Temperature DegF
0000EW28	1/27/2022 10:33	0.0	5.9	18.1	76.0	-0.18	65.0
0000EW13	1/27/2022 10:36	60.8	34.6	0.1	4.5	-3.30	67.5
0000TRN3	1/27/2022 10:39	61.5	38.4	0.1	0.0	-10.25	65.7
0000TRN2	1/27/2022 10:43	18.0	26.0	0.0	56.0	-0.13	70.1
0000TRN1	1/27/2022 10:46	57.1	38.1	0.1	4.7	-0.56	70.8
0000EW34	1/27/2022 10:48	57.6	36.4	0.1	5.9	-6.36	72.9
0000EW43	1/27/2022 10:51	47.8	32.7	0.0	19.5	-10.87	73.9
0000EW33	OFF LINE						
0000EW32	1/27/2022 10:55	62.8	37.1	0.0	0.1	-0.87	73.3
0000EW22	1/27/2022 10:59	48.3	45.7	0.1	5.9	-4.20	74.6
0000EW31	1/27/2022 11:02	60.5	39.4	0.0	0.1	-8.53	79.8
0000EW30	1/27/2022 11:04	60.1	39.9	0.0	0.0	-9.46	77.1
0000EW42	1/27/2022 11:06	39.5	37.4	1.6	21.5	-0.79	74.8
0000EW25	1/27/2022 11:09	50.9	41.2	0.0	7.9	-0.48	78.6
0000EW24	1/27/2022 11:12	47.5	39.8	0.0	12.7	-0.25	79.4
0000EW23	1/27/2022 11:15	59.1	37.7	0.0	3.2	-0.37	77.5
0000EW41	1/27/2022 11:18	61.9	38.1	0.1	0.0	-12.08	75.3
0000EW19	1/27/2022 11:21	60.2	39.8	0.0	0.0	-11.87	73.4
0000EW21	1/27/2022 11:23	50.5	41.3	0.1	8.1	-0.19	77.7
0000EW17	1/27/2022 11:26	46.7	37.6	0.0	15.7	-0.14	80.3
0000EW18	1/27/2022 11:31	43.7	33.6	0.0	22.7	-1.80	74.1
0000EW20	1/27/2022 11:34	39.6	34.6	0.1	25.7	-0.12	76.3
0000EW10	1/27/2022 11:37	33.7	28.2	0.1	38.0	-1.22	77.2
0000EW11	1/27/2022 11:41	42.7	33.0	0.0	24.3	-0.40	75.7
0000EW12	1/27/2022 11:44	53.2	38.4	0.0	8.4	-2.13	76.7
0000EW40	1/27/2022 11:47	42.1	34.6	0.1	23.2	-0.14	76.0
0000EW16	1/27/2022 11:50	46.3	39.5	0.0	14.2	-8.99	70.3
0000EW26	1/27/2022 11:53	60.3	39.3	0.2	0.2	-5.08	69.2
0000EW27	1/27/2022 11:55	46.2	35.5	0.1	18.2	-1.61	74.6
0000EW15	1/27/2022 11:58	60.2	39.1	0.1	0.6	-3.27	77.1
0000EW29	1/27/2022 12:01	8.4	23.2	0.1	68.3	-0.38	75.1
0000EW14	1/27/2022 12:04	48.6	34.4	0.0	17.0	-2.22	70.6


EA PARCEL - LANDFILL GAS COLLECTION

 Name: R. Grueters

 Date: 1/27/22

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
EW-28	X		X		X		
EW-13	X		X		X		
TRN-3	X		X		X		
TRN-2	X		X		X		
TRN-1	X		X		X		
EW-34							OFFLINE
EW-33					X		
EW-43	X		X		X		
EW-22	X		X		X		
EW-32	X		X		X		
EW-31	X		X		X		
EW-30	X		X		X		
EW-42	X		X		X		
EW-25	X		X		X		
EW-24	X		X		X		
EW-23	X		X		X		
EW-41	X		X		X		
EW-19	X		X		X		
EW-21	X		X		X		
EW-17	X		X		X		
EW-18	X		X		X		
EW-20	X		X		X		
EW-10	X		X		X		
							Valve hand to open
							Valve hand to open

EA PARCEL - LANDFILL GAS COLLECTOR WELL

Name: R. Gruen Date: 12/7/22

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
EW-11	X		X		X		
EW-12	X		X		X		
EW-40	X		X		X		
EW-16	X		X		X		
EW-26	X		X		X		
EW-27	X		X		X		
EW-15	X		X		X		
EW-29	X		X		X		
EW-14							

EAST PARCEL - FEBRUARY 2022

Device ID	Date/Time	CH4 %	CO2 %	O2 %	Balance %	Rel Pressure in H2O	Temperature DegF
0000EV28	2/23/2022 10:13	0.3	3.0	19.4	77.3	-0.39	53.8
0000EV13	2/23/2022 10:16	58.4	35.3	0.1	6.2	-1.83	59.8
0000TRN3	2/23/2022 10:20	60.8	38.6	0.0	0.6	-10.18	59.8
0000TRN2	2/23/2022 10:23	14.7	25.2	0.0	60.1	-0.17	63.0
0000TRN1	2/23/2022 10:26	52.4	37.4	0.2	10.0	-1.57	64.5
0000EV34	2/23/2022 10:29	57.0	36.5	0.0	6.5	-5.81	67.8
0000EV43	2/23/2022 10:34	49.7	33.1	0.0	17.2	-9.06	69.5
0000EV33	2/23/2022 10:37	62.6	37.4	0.0	0.0	-0.98	63.4
0000EV32	2/23/2022 10:42	62.5	37.5	0.0	0.0	-0.86	66.8
0000EV22	2/23/2022 10:44	50.2	46.3	0.1	3.4	-3.27	69.4
0000EV31	2/23/2022 10:46	60.1	39.9	0.0	0.0	-5.82	69.8
0000EV30	2/23/2022 10:49	59.7	40.3	0.0	0.0	-5.60	70.5
0000EV42	2/23/2022 10:52	38.0	37.0	2.1	22.9	-0.21	66.5
0000EV25	2/23/2022 10:54	59.9	40.0	0.1	0.0	-0.54	70.6
0000EV24	2/23/2022 10:57	59.7	40.3	0.0	0.0	-0.51	68.5
0000EV23	2/23/2022 11:05	59.6	38.2	0.1	2.1	-0.06	69.0
0000EV41	2/23/2022 11:08	61.1	38.9	0.0	0.0	-6.50	67.7
0000EV19	2/23/2022 11:10	59.7	40.2	0.0	0.1	-6.67	67.1
0000EV21	2/23/2022 11:13	53.7	41.6	0.0	4.7	-0.11	74.4
0000EV17	2/23/2022 11:16	46.2	37.6	0.0	16.2	-0.10	74.5
0000EV18	2/23/2022 11:20	38.5	33.4	0.0	28.1	-0.06	66.7
0000EV20	2/23/2022 11:24	28.9	32.3	0.0	38.8	-0.07	75.1
0000EV10	2/23/2022 11:29	32.4	28.4	0.0	39.2	-1.00	74.7
0000EV11	2/23/2022 11:32	34.8	32.2	0.0	33.0	-0.57	68.1
0000EV12	2/23/2022 11:35	53.1	38.6	0.0	8.3	-0.61	65.7
0000EV40	2/23/2022 11:41	40.6	35.9	0.0	23.5	-0.06	70.7
0000EV16	2/23/2022 11:43	48.0	40.3	0.0	11.7	-5.95	63.7
0000EV26	2/23/2022 11:46	59.9	39.2	0.4	0.5	-4.06	60.5
0000EV27	2/23/2022 11:48	47.7	35.8	0.0	16.5	-1.41	66.9
0000EV15	2/23/2022 11:51	60.5	39.5	0.0	0.0	-2.69	70.7
0000EV29	2/23/2022 11:53	10.4	23.8	0.0	65.8	-0.52	65.9
0000EV14	2/23/2022 11:56	43.5	33.7	0.0	22.8	-1.05	64.5

EAS PARCEL - LANDFILL GAS COLLECTION WELL

Name: R. Gruver

Date: 2/23/22

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
EW-28	X		X		X		High O2 Low CH4 Needs Label TD
EW-13	X		X		X		
TRN-3	X		X		X		
TRN-2	X		X		X		
TRN-1	X		X		X		
EW-34	X		X		X		Needs New port fitting, leaking
EW-33	X		X		X		Needs Well T.D. Label
EW-43	X		X		X		
EW-22	X		X		X		
EW-32	X		X		X		Needs Well T.D. Label
EW-31	X		X		X		
EW-30	X		X		X		
EW-42	X		X		X		
EW-25	X		X		X		
EW-24	X		X		X		
EW-23	X		X		X		
EW-41	X		X		X		
EW-19	X		X		X		
EW-21	X		X		X		
EW-17	X		X		X		
EW-18	X		X		X		
EW-20	X		X		X		
EW-10	X		X		X		Valve hard to open

EAS PARCEL - LANDFILL GAS COLLECTION WELL

Name: R. Gruelar

Date: 2/23/22

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
EW-11	X		X		X		
EW-12	X		X		X		
EW-40	X		X		X		
EW-16	X		X		X		
EW-26	X		X		X		
EW-27							
EW-15							
EW-29							
EW-14							

EAST PARCEL - MARCH 2022

Device ID	Date/Time	CH4 %	CO2 %	O2 %	Balance %	Rel Pressure in H2O	Temperature DegF
0000EW28	3/23/2022 8:09	62.0	38.0	0.0	0.0	-0.10	63.8
0000EW13	3/23/2022 8:11	57.5	35.4	0.1	7.0	-0.41	63.8
0000TRN3	3/23/2022 8:14	60.0	38.3	0.0	1.7	-8.95	63.2
0000TRN2	3/23/2022 8:17	26.0	29.7	0.0	44.3	-0.09	62.5
0000TRN1	OFFLINE IN WORKING FACE						
0000EW34	OFFLINE IN WORKING FACE						
0000EW33	3/23/2022 9:29	62.7	36.3	0.0	1.0	-0.52	69.9
0000EW43	3/23/2022 8:27	55.9	33.6	0.0	10.5	-9.59	64.4
0000EW32	3/23/2022 8:33	62.9	37.0	0.2	0.0	-0.64	65.1
0000EW31	3/23/2022 8:42	60.1	39.9	0.0	0.0	-1.26	67.0
0000EW22	3/23/2022 8:45	51.5	46.2	0.0	2.3	-0.44	67.9
0000EW30	3/23/2022 8:50	59.1	40.9	0.0	0.0	-7.17	67.8
0000EW42	3/23/2022 8:51	39.0	38.3	1.3	21.4	-0.03	68.8
0000EW25	3/23/2022 8:53	52.2	40.9	0.2	6.7	-0.11	69.0
0000EW24	3/23/2022 8:55	48.3	40.7	0.0	11.0	-0.03	69.5
0000EW23	3/23/2022 8:58	56.8	38.5	0.0	4.7	-0.04	71.9
0000EW41	3/23/2022 9:00	61.6	38.3	0.1	0.0	-7.78	70.8
0000EW19	3/23/2022 9:02	59.2	40.3	0.6	0.0	-7.78	69.8
0000EW21	3/23/2022 9:04	50.6	41.6	0.0	7.8	-0.04	70.3
0000EW17	3/23/2022 9:07	42.4	36.8	0.0	20.8	-0.12	69.7
0000EW18	3/23/2022 9:09	36.4	33.0	0.0	30.6	-0.09	69.9
0000EW20	3/23/2022 9:11	26.5	30.4	0.0	43.1	-0.11	71.7
0000EW10	3/23/2022 9:13	33.5	28.2	0.2	38.1	-0.06	70.0
0000EW11	3/23/2022 9:15	40.5	31.5	0.0	28.0	-0.10	69.4
0000EW12	3/23/2022 9:18	51.8	38.3	0.0	9.9	-0.10	68.9
0000EW40	3/23/2022 9:20	39.4	35.9	0.0	24.7	-0.10	69.7
0000EW16	3/23/2022 9:22	47.6	40.4	0.0	12.0	-6.31	69.7
0000EW26	3/23/2022 9:24	58.1	39.3	0.5	2.1	-4.15	69.8
0000EW27	3/23/2022 9:26	51.2	36.4	0.0	12.4	-1.37	71.4
0000EW29	3/23/2022 9:41	8.6	22.2	0.8	68.4	-0.08	73.1
0000EW14	3/23/2022 9:34	63.9	34.5	0.0	1.6	-0.08	69.8
0000EW15	3/23/2022 9:38	62.0	37.5	0.0	0.5	-2.78	72.8

EA PARCEL - LANDFILL GAS COLLECTION WELLS

Name: JeffreDate: 3-23-22

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
EW-11	✓		✓		✓		
EW-12		✓		✓		✓	
EW-40		✓		✓		✓	
EW-16	✓		✓		✓		
EW-26	✓		✓		✓		
EW-27	✓		✓		✓		
EW-15		✓		✓		✓	
EW-29		✓		✓		✓	
EW-14	✓				✓		

Name: J. Bottem

Date: 3-23-21

EA PARCEL - LANDFILL GAS COLLECTION YELLS

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
✓ EW-28	✓		✓		✓		
EW-13	✓		✓		✓		
✓ TRN-3	✓		✓		✓		
† TRN-2	✓		✓		✓		
TRN-1	<i>offline in working face</i>		<i>not labeled</i>		<i>not labeled</i>		
EW-34	<i>offline in working face</i>		<i>not labeled</i>		<i>not labeled</i>		
EW-33	✓		✓		✓		
EW-43	✓		✓		✓		
† EW-22	✓		✓		✓		
EW-32	✓		✓		✓		
EW-31	✓		✓		✓		
EW-30	✓		✓		✓		
EW-42	✓		✓		✓		
EW-25	✓		✓		✓		
EW-24	✓		✓		✓		
EW-23	✓		✓		✓		
EW-41	✓		✓		✓		
EW-19			✓		✓		
EW-21	✓		✓		✓		
✓ EW-17	✓		✓		✓		
✗ EW-18	✓		✓		✓		
✓ EW-20	✓		✓		✓		
† EW-10	✓		✓		✓		

EAST PARCEL - APRIL 2022

Device ID	Date/Time	CH4 %	CO2 %	O2 %	Balance %	Rel Pressure in H2O	Temperature DegF
0000EW28	4/20/2022 10:23	60.7	39.2	0.1	0.0	-1.22	71.5
0000EW13	4/20/2022 10:27	49.6	35.4	0.0	15.0	-1.80	72.0
0000TRN3	4/20/2022 10:31	58.8	38.6	0.0	2.6	-4.86	73.4
0000TRN2	4/20/2022 10:34	17.6	27.8	0.0	54.6	-0.05	72.4
0000TRN1	OFFLINE IN WORKING FACE						
0000EW34	OFFLINE IN WORKING FACE						
0000EW43	4/20/2022 10:45	60.8	34.4	0.0	4.8	-26.72	73.8
0000EW33	4/20/2022 10:53	62.5	37.2	0.2	0.1	-1.09	74.5
0000EW22	4/20/2022 10:58	48.6	46.5	0.1	4.8	-0.62	72.9
0000EW31	4/20/2022 11:02	60.3	39.7	0.0	0.0	-0.17	78.5
0000EW32	4/20/2022 11:07	62.2	37.7	0.0	0.1	-0.79	77.8
0000EW30	4/20/2022 11:10	59.1	40.7	0.2	0.0	-0.97	76.1
0000EW42	4/20/2022 11:13	36.3	38.5	1.3	23.9	-0.04	76.5
0000EW25	4/20/2022 11:22	55.2	41.1	0.1	3.6	-0.01	75.5
0000EW24	4/20/2022 11:25	40.9	39.8	0.1	19.2	-0.10	79.8
0000EW23	4/20/2022 11:27	54.5	38.2	0.1	7.2	-0.09	78.6
0000EW41	4/20/2022 11:31	61.2	38.8	0.0	0.0	-4.21	76.0
0000EW19	4/20/2022 11:37	59.3	40.6	0.1	0.0	-3.88	79.5
0000EW21	4/20/2022 11:40	45.8	40.4	0.1	13.7	-0.10	80.0
0000EW17	4/20/2022 11:44	40.6	36.3	0.1	23.0	-0.04	77.5
0000EW18	4/20/2022 11:49	35.2	32.2	0.1	32.5	-0.01	77.0
0000EW20	4/20/2022 11:53	25.8	30.1	0.2	43.9	-0.01	77.1
0000EW10	4/20/2022 11:57	32.6	27.4	0.1	39.9	-0.02	79.5
0000EW11	4/20/2022 12:02	35.8	31.3	0.0	32.9	-0.02	81.5
0000EW40	4/20/2022 12:06	34.8	34.4	0.1	30.7	-0.03	78.2
0000EW12	4/20/2022 12:11	51.0	38.6	0.0	10.4	-0.42	78.0
0000EW16	4/20/2022 12:15	46.2	40.5	0.1	13.2	-3.04	74.9
0000EW26	4/20/2022 12:20	49.7	34.7	3.1	12.5	-2.07	77.7
0000EW27	4/20/2022 12:23	53.1	36.8	0.1	10.0	-0.44	79.2
0000EW15	4/20/2022 12:26	60.4	39.5	0.1	0.0	-1.43	79.5
0000EW29	4/20/2022 12:30	11.3	24.8	0.3	63.6	-0.01	81.9
0000EW14	4/20/2022 12:38	64.1	34.0	0.0	1.9	-1.92	72.8

Name: M. Bonington

Date: 4-20-22

EA PARCEL - LANDFILL GAS COLLECTION WELLS

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
EW-28	✓		✓		✓		
EW-13	✓		✓		✓		
TRN-3			✓		✓		
TRN-2			✓		✓		
TRN-1	*		*		*		
EW-34	*		✓		✓		
EW-33			✓		✓		
EW-43			✓		✓		
EW-22			✓		✓		
EW-32			✓		✓		
EW-31			✓		✓		
EW-30			✓		✓		
EW-42			✓		✓		
EW-25			✓		✓		
EW-24			✓		✓		
EW-23			✓		✓		
EW-41			✓		✓		
EW-19			✓		✓		
EW-21			✓		✓		
EW-17			✓		✓		
EW-18			✓		✓		
EW-20			✓		✓		
EW-10							

Name: N. Bonnighausen

Date: 11-30-22

EA PARCEL - LANDFILL GAS COLLECTION WELLS

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
EW-11	✓	✓	✓	✓	✓	✓	
EW-12	✓	✓	✓	✓	✓	✓	
EW-40	✓	✓	✓	✓	✓	✓	
EW-16	✓	✓	✓	✓	✓	✓	
EW-26	✓	✓	✓	✓	✓	✓	
EW-27	✓	✓	✓	✓	✓	✓	
EW-15	✓	✓	✓	✓	✓	✓	
EW-29	✓	✓	✓	✓	✓	✓	
EW-14	✓	✓	✓	✓	✓	✓	

EAST PARCEL - MAY 2022

Device ID	Date/Time	CH4 %	CO2 %	C2 %	Balance %	Rel Pressure in H2O	Temperature DegF
0000EW28	5/26/2022 10:08	61.2	38.8	0.0	0.0	-1.72	69.4
0000EW13	5/26/2022 10:10	65.5	34.5	0.0	0.0	-2.15	72.1
0000TRN3	5/26/2022 10:14	56.4	38.1	0.0	5.5	-4.89	72.2
0000TRN2	5/26/2022 10:18	18.0	28.5	0.1	53.4	-0.44	74.0
0000TRN1	OFFLINE IN WORKING FACE						
0000EW34	OFFLINE IN WORKING FACE						
0000EW43	5/26/2022 10:25	65.0	34.9	0.0	0.1	-31.02	81.1
0000EW32	5/26/2022 10:28	62.4	37.6	0.0	0.0	-1.18	83.1
0000EW22	5/26/2022 10:31	50.6	45.4	0.1	3.9	-25.68	81.1
0000EW31	5/26/2022 10:34	60.7	39.3	0.0	0.0	-4.28	82.8
0000EW30	5/26/2022 10:38	60.1	39.9	0.0	0.0	-29.56	84.3
0000EW42	5/26/2022 10:40	36.4	38.7	0.7	24.2	-8.76	77.7
0000EW25	5/26/2022 10:43	44.6	40.7	0.0	14.7	-0.72	81.3
0000EW24	5/26/2022 10:48	38.9	38.3	0.1	22.7	-0.42	81.7
0000EW23	5/26/2022 10:51	52.1	37.2	0.0	10.7	-0.05	79.0
0000EW41	5/26/2022 10:54	61.8	38.2	0.1	0.0	-33.74	78.7
0000EW19	5/26/2022 10:56	60.1	39.9	0.0	0.0	-26.66	82.3
0000EW21	5/26/2022 10:58	43.1	40.1	0.0	16.8	-1.08	83.6
0000EW17	5/26/2022 11:01	41.1	36.1	0.0	22.8	-0.05	82.8
0000EW18	5/26/2022 11:04	19.4	29.3	0.0	51.3	-0.60	77.4
0000EW20	5/26/2022 11:07	25.0	28.6	0.0	46.4	-0.61	78.5
0000EW10	5/26/2022 11:11	30.0	26.6	0.0	43.4	-0.99	78.5
0000EW11	5/26/2022 11:14	31.1	30.7	0.0	38.2	-0.12	75.4
0000EW12	5/26/2022 11:18	50.9	37.8	0.0	11.3	-0.79	76.9
0000EW40	5/26/2022 11:21	35.7	34.3	0.0	30.0	-0.15	79.0
0000EW16	5/26/2022 11:25	49.3	40.4	0.1	10.2	-2.00	74.8
0000EW26	5/26/2022 11:28	59.2	40.8	0.0	0.0	-7.53	73.0
0000EW27	5/26/2022 11:30	60.8	38.1	0.0	1.1	-1.23	78.6
0000EW15	5/26/2022 11:34	32.6	21.6	9.0	36.8	-0.68	74.6
0000EW29	5/26/2022 11:36	20.7	27.5	0.0	51.8	-0.10	77.7
0000EW14	5/26/2022 11:40	61.1	35.2	0.0	3.7	-0.64	75.4
0000EW14	4/20/2022 12:38	64.1	34.0	0.0	1.9	-1.92	72.8

Name: R. Gause Date: 5/20/22

EA PARCEL - LANDFILL GAS COLLECTION YELLS

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
EW-28	X		X		X		
EW-13	X		X		X		
TRN-3	X		X		X		
TRN-2	X		X		X		In Working Face
TRN-1	X		X		X		
EW-34	X		X		X		
EW-33	X		X		X		
EW-43	X		X		X		
EW-22	X		X		X		
EW-32	X		X		X		
EW-31	X		X		X		Needs well developed
EW-30	X		X		X		
EW-42	X		X		X		
EW-25	X		X		X		
EW-24	X		X		X		
EW-23	X		X		X		
EW-41	X		X		X		
EW-19	X		X		X		
EW-21	X		X		X		
EW-17	X		X		X		
EW-18	X		X		X		
EW-20	X		X		X		
EW-10	X		X		X		

EA PARCEL - LANDFILL GAS COLLECTION WELLS

Name: R. Johnson
Date: 5/26/12

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
EW-11	X		X		X		
EW-12	X	X	X		X		
EW-40							
EW-16			X	X	X	X	
EW-26			X	X	X	X	
EW-27			X	X	X	X	
EW-15			X	X	X	X	
EW-29							
EW-14							

Note: Value hard to open. Should be replaced.

EAST PARCEL - JUNE 2022

Device ID	Date/Time	CH4 %	CO2 %	O2 %	Balance %	Rel Pressure in H2O	Temperature DegF
0000EW28	6/28/2022 10:26	58.0	37.3	0.1	4.6	-0.06	85.7
0000EW13	6/28/2022 10:32	66.3	33.6	0.1	0.0	-0.07	87.7
0000TRN3	6/28/2022 10:36	62.2	37.7	0.1	0.0	-0.07	89.9
0000TRN2	6/28/2022 10:40	12.3	26.5	0.1	61.1	-0.06	86.5
0000TRN1	6/28/2022 10:44	50.8	39.7	0.1	9.4	-4.11	87.2
0000EW34	6/28/2022 10:47	59.3	36.9	0.1	3.7	-3.94	85.9
0000EW33	6/28/2022 10:51	63.1	36.8	0.1	0.0	-0.03	89.0
0000EW43	6/28/2022 10:57	61.3	33.8	0.1	4.8	-5.03	88.7
0000EW32	6/28/2022 11:01	63.3	36.6	0.1	0.0	-0.01	91.9
0000EW22	6/28/2022 11:08	55.1	42.6	0.1	2.2	-1.59	91.4
0000EW31	6/28/2022 11:12	60.6	39.0	0.1	0.3	-2.69	92.2
0000EW30	6/28/2022 11:15	59.8	39.4	0.1	0.7	-3.32	92.9
0000EW42	6/28/2022 11:18	37.3	36.4	1.9	24.4	-8.41	92.6
0000EW25	6/28/2022 11:22	47.1	39.8	0.0	13.1	-0.41	96.0
0000EW24	6/28/2022 11:27	46.6	38.8	0.0	14.6	-0.18	98.0
0000EW23	6/28/2022 11:31	60.6	37.9	0.0	1.5	-0.22	93.8
0000EW41	6/28/2022 11:37	60.8	37.5	0.1	1.6	-3.61	92.2
0000EW19	6/28/2022 11:39	59.3	38.7	0.1	1.9	-3.29	93.0
0000EW21	6/28/2022 11:43	46.4	39.0	0.1	14.5	-0.04	95.6
0000EW17	6/28/2022 11:47	43.4	34.3	0.1	22.2	-0.08	94.7
0000EW18	6/28/2022 11:50	25.7	30.2	0.1	44.0	-0.05	94.5
0000EW20	6/28/2022 11:54	30.7	29.8	0.1	39.4	-0.05	94.1
0000EW10	6/28/2022 11:57	33.9	27.6	0.1	38.4	-0.26	96.7
0000EW11	6/28/2022 12:02	35.5	29.1	0.1	35.3	-0.43	92.9
0000EW12	6/28/2022 12:06	50.1	36.1	0.1	13.7	-0.48	94.6
0000EW40	6/28/2022 12:10	44.2	32.9	0.1	22.8	-0.06	94.2
0000EW16	6/28/2022 12:13	43.9	39.1	0.1	16.9	-4.62	93.9
0000EW26	6/28/2022 12:17	59.8	38.0	0.1	2.1	-3.04	97.7
0000EW27	6/28/2022 12:20	56.6	37.1	0.1	6.2	-0.61	94.7
0000EW15	6/28/2022 12:25	60.8	37.0	0.1	2.1	-1.41	94.4
0000EW29	6/28/2022 12:27	16.0	27.2	0.1	56.7	-0.51	94.8
0000EW14	6/28/2022 12:31	55.7	33.5	0.1	10.7	-0.49	94.0

EA PARCEL - LANDFILL GAS COLLECTION WELLS

Name: A. J. Ueber

Date: 12/08/22

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
EW-28	X		X		X		
EW-13	X		X		X		
TRN-3	X						
TRN-2	X				X		
TRN-1	X				X		
EW-34	X				X		
EW-33	X				X		
EW-43	X				X		
EW-22	X				X		
EW-32	X				X		
EW-31	X				X		
EW-30	X				X		
EW-42	X				X		
EW-25	X				X		
EW-24	X				X		
EW-23	X				X		
EW-41	X				X		
EW-19					X		
EW-21					X		
EW-17					X		
EW-18					X		
EW-20					X		
EW-10					X		

Name: R. Quinlan

Date: 6/28/22

EA PARCEL - LANDFILL GAS COLLECTION WELLS

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
EW-11	X		X		X		
EW-12	X		X		X		
EW-40							
EW-16	X		X		X		
EW-26	X		X		X		
EW-27							
EW-15	X		X		X		
EW-29							
EW-14	X		X		X		

NORTH PAEL - JANUARY 2022

Device ID	Date/Time	CH4 %	CO2 %	O2 %	Balance %	Rel Pressure in H2O	Temperature DegF
0000AW03	1/27/2022 8:11	64.9	23.3	0.2	11.6	-10.98	46.2
0000AW08	1/27/2022 8:13	63.8	21.9	0.1	14.2	-9.71	51.2
0000EW107	1/27/2022 8:16	51.4	24.9	0.1	23.6	-3.63	48.8
0000EW106	1/27/2022 8:18	61.1	25.7	0.1	13.1	-3.68	48.6
0000AW09B	1/27/2022 8:22	65.8	28.6	0.0	5.6	-3.81	48.0
0000AW04	1/27/2022 8:28	67.7	23.5	0.0	8.8	-3.29	50.9
0000EW108	1/27/2022 8:31	39.5	24.7	0.3	35.5	-3.46	56.0
0000AW12	1/27/2022 8:34	45.5	21.2	0.4	32.9	-4.05	56.6
0000EW109	1/27/2022 8:36	50.1	27.8	0.1	22.0	-3.14	53.3
0000AW25	1/27/2022 8:42	50.9	20.4	4.9	23.8	-3.18	56.5
0000EW110	1/27/2022 8:45	47.1	29.2	0.0	23.7	-3.46	59.2
0000AW28	1/27/2022 8:47	37.6	28.3	0.0	34.1	-3.58	61.2
0000AW11	1/27/2022 8:49	49.3	28.9	0.0	21.8	-4.65	60.9
0000AW10	1/27/2022 8:52	54.0	22.8	0.0	23.2	-4.61	63.2
0000AW05	1/27/2022 8:54	56.4	23.5	0.0	20.1	-2.75	58.8
0000AW22	1/27/2022 8:57	27.3	26.4	0.0	46.3	-2.61	58.8
0000AW06	1/27/2022 9:00	27.3	26.4	0.0	46.3	-2.81	59.5
0000EW111	1/27/2022 9:02	48.2	25.5	0.0	26.3	-3.38	62.0
0000EW112	1/27/2022 9:05	42.2	25.7	0.0	32.1	-6.06	61.6
0000EW113	1/27/2022 9:08	36.9	25.3	0.0	37.8	-4.69	64.1
0000EW114	1/27/2022 9:10	22.0	23.0	0.0	55.0	-1.86	58.5
0000AW07	1/27/2022 9:13	77.8	22.2	0.0	0.0	-1.90	59.0
0000AW23A	1/27/2022 9:15	72.7	26.9	0.5	0.0	-2.06	60.8
0000AW23	1/27/2022 9:17	72.6	26.9	0.5	0.0	-2.05	60.1
0000AW24	1/27/2022 9:19	72.8	26.7	0.5	0.0	-2.10	62.6
0000AW02	1/27/2022 9:24	56.1	27.9	0.0	16.0	-5.74	63.3
0000EW103	1/27/2022 9:26	46.0	27.8	0.0	26.2	-2.64	57.6
0000AW21	1/27/2022 9:29	61.6	27.3	0.0	11.1	-2.53	60.7
0000AW20	1/27/2022 9:33	55.7	25.5	0.0	18.8	-2.43	59.2
0000EW102	1/27/2022 9:36	40.3	28.9	0.0	30.8	-2.70	61.7
0000EW101	1/27/2022 9:38	48.8	31.5	0.0	19.7	-2.71	60.7
0000EW100	1/27/2022 9:41	30.5	24.0	1.1	44.4	-2.67	63.8
0000AW29	1/27/2022 9:47	42.9	27.0	0.0	30.1	-2.71	66.1
0000AW01	1/27/2022 9:50	50.5	29.3	0.0	20.2	-2.81	69.7
0000EW104	1/27/2022 9:52	49.3	27.2	0.0	23.5	-2.82	66.4
0000AW35	1/27/2022 9:54	48.3	27.2	0.0	24.5	-2.85	65.3
0000AW36	1/27/2022 9:56	60.1	30.1	0.0	9.8	-2.97	67.0
0000EW105	1/27/2022 9:59	65.1	28.5	0.0	6.4	-3.05	65.0
0000AW27	1/27/2022 10:01	48.1	30.4	0.0	21.5	-2.95	67.5
0000AW09	1/27/2022 10:03	79.1	20.4	0.0	0.5	-9.55	64.6

Name: K. Gossen

Date: 1/27/22

NOI H PARCEL - LANDFILL GAS COLLECTION WELL

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
AW-03	X		X		X		
AW-08	X		X		X		
EW-107	X		X		X		
EW-106	X		X		X		
AW-9B	X		X		X		
AW-04	X		X		X		
EW-108	X		X		X		
AW-12	X		X		X		
EW-109			X		X		
AW-25	X		X		X		
EW-110	X		X		X		
AW-28	X		X		X		
AW-11	X		X		X		
AW-10	X		X		X		
AW-05	X		X		X		
AW-22	X		X		X		
AW-06	X		X		X		
EW-111							

NOI PARCEL - LANDFILL GAS COLLECTION WELL

Name: R. Grawa

Date: 1/27/22

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
EW-112	X		X		X		
EW-113	X		X		X		
EW-114	X		X		X		
AW-07	X		X		X		
AW-23A	X		X		X		
AW-23	X		X		X		
AW-24	X		X		X		
AW-02	X		X		X		
EW-103	X		X		X		
AW-21	X		X		X		
AW-20	X		X		X		
EW-102	X		X		X		
EW-101	X		X		X		
EW-100	X		X		X		
AW-29	X		X		X		
AW-01	X		X		X		
EW-104	X		X		X		
AW-35	X		X		X		
AW-36	X		X		X		
EW-105	X		X		X		
AW-27	X		X		X		
AW-09	X		X		X		

Date:
Name:

1/21/00
Rover

WELL ID	Gauge Reading		Time (24 hr)	COMMENTS
	(+)	(-)		
PC-18	0	6.4	1008	
PC-17	0	3.0	1009	
PC-16	0	2.6	1010	
PC-15	0	2.8	1010	
PC-14	0	2.6	1011	
PC-13	0	3.6	1012	
PC-01	0	3.0	1012	
PC-02	0	3.0	1013	
PC-03	0	0.2	1014	needs gauge
PC-04	0	3.0	1015	
PC-05	0	3.4	1015	
PC-06	0	2.2	1016	
PC-07	0	0.4	1017	
PC-08	0	0.5	1018	
PC-09	0	2.2	1018	
PC-10	0	2.2	1019	
PC-11	0	2.2	1020	
PC-12	0	7.5	1021	
PC-25	0	2.4	1022	
PC-24	0	6.6	1023	
PC-23	0	3.0	1024	
PC-22	0	0.4	1025	
PC-21	0	1.0	1026	
PC-20	0	1.0	1027	
PC-19	0	2.0	1028	

NORTH PARCEL - FEBRUARY 2022

Device ID	Date/Time	CH4 %	CO2 %	O2 %	Balanc %	Rel Pressure in H2O	Temperature DegF
00000AW03	2/23/2022 7:46	63.8	22.7	0.1	13.4	-7.50	43.7
00000AW08	2/23/2022 7:48	62.6	22.2	0.1	15.1	-7.23	43.9
0000EV107	2/23/2022 7:53	53.1	24.8	0.1	22.0	-3.19	41.5
0000EV106	2/23/2022 7:57	63.1	26.0	0.1	10.8	-3.06	41.1
0000AVW09B	2/23/2022 7:59	66.8	27.9	0.1	5.2	-3.29	41.0
00000AW04	2/23/2022 8:01	69.1	23.5	0.0	7.4	-2.86	44.4
0000EV108	2/23/2022 8:04	38.5	24.3	0.3	36.9	-2.90	47.4
00000AW12	2/23/2022 8:06	47.9	21.1	0.3	30.7	-2.77	48.4
0000EV109	2/23/2022 8:08	49.1	27.1	0.1	23.7	-2.75	46.9
00000AW25	2/23/2022 8:12	54.1	21.7	4.0	20.2	-2.82	47.2
0000EV110	2/23/2022 8:15	45.3	28.8	0.0	25.9	-3.05	51.7
00000AW28	2/23/2022 8:18	35.8	27.5	0.0	36.7	-3.14	57.1
00000AW11	2/23/2022 8:20	46.7	28.5	0.0	24.8	-3.57	56.4
00000AW10	2/23/2022 8:23	52.4	22.9	0.0	24.7	-3.51	58.6
00000AW05	2/23/2022 8:26	51.9	23.7	0.0	24.4	-2.58	55.6
00000AW22	2/23/2022 8:29	29.1	26.0	0.0	44.9	-2.44	52.2
00000AW06	2/23/2022 8:32	29.1	26.0	0.0	44.9	-2.54	51.9
0000EV111	2/23/2022 8:34	47.3	25.6	0.0	27.1	-3.07	52.4
0000EV112	2/23/2022 8:38	41.0	26.3	0.0	32.7	-4.03	52.5
0000EV113	2/23/2022 8:40	36.9	24.8	0.0	38.3	-3.59	56.6
0000EV114	2/23/2022 8:43	20.6	23.0	0.0	56.4	-1.81	50.0
00000AW07	2/23/2022 8:45	77.6	22.4	0.0	0.0	-1.85	50.1
0000AVW23A	2/23/2022 8:47	69.0	26.1	1.5	3.4	-1.99	52.4
00000AW23	2/23/2022 8:49	68.8	25.9	1.5	3.8	-2.06	51.9
00000AW24	2/23/2022 8:51	67.5	25.5	1.9	5.1	-1.99	52.6
00000AW02	2/23/2022 8:54	55.6	28.2	0.0	16.2	-5.59	55.1
0000EV103	2/23/2022 8:57	46.4	28.0	0.0	25.6	-2.52	52.2
0000EV21	2/23/2022 8:59	63.9	28.1	0.0	8.0	-2.42	54.5
00000AW20	2/23/2022 9:02	56.5	25.5	0.0	18.0	-2.31	53.9
0000EV102	2/23/2022 9:09	42.1	29.0	0.0	28.9	-2.45	56.9
0000EV101	2/23/2022 9:11	53.0	31.8	0.0	15.2	-2.46	57.3
0000EV100	2/23/2022 9:13	35.6	25.6	0.2	38.6	-2.47	59.2
00000AW29	2/23/2022 9:21	43.1	27.4	0.0	29.5	-2.50	64.1
00000AW01	2/23/2022 9:24	50.9	29.4	0.0	19.7	-2.59	65.0
0000EV104	2/23/2022 9:26	51.6	28.3	0.0	20.1	-2.54	61.0
00000AW35	2/23/2022 9:28	49.2	27.4	0.0	23.4	-2.58	57.2
00000AW36	2/23/2022 9:31	61.0	30.4	0.0	8.6	-2.77	59.8
0000EV105	2/23/2022 9:33	66.3	28.7	0.0	5.0	-2.79	57.8
00000AW27	2/23/2022 9:36	49.6	30.9	0.0	19.5	-2.65	58.6
00000AW09	2/23/2022 9:38	78.9	20.6	0.0	0.5	-6.74	55.5

NORTH PARCEL - LANDFILL GAS COLLECTOR WELL

Name: P. Gouet
Date: 2/23/22

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
AW-03	X		X		X		
AW-08	X		X		X		
EW-107	X		X		X		
EW-106	X		X		X		
AW-9B	X		X		X		
AW-04	X		X		X		
EW-108	X		X		X		
AW-12	X		X		X		
EW-109	X		X		X		
AW-25	X		X		X		
EW-110	X		X		X		
AW-28	X		X		X		
AW-11	X		X		X		
AW-10	X		X		X		
AW-05	X		X		X		
AW-22	X		X		X		
AW-06	X		X		X		
EW-111	X		X		X		

NOKH PARCEL - LANDFILL GAS COLLECTION WELL

Name: K. Gosselin

Date: 2/23/22

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
EW-112	X		X		X		
EW-113	X		X		X		
EW-114	X		X		X		
AW-07	X		X		X		
AW-23A	X		X		X		
AW-23	X		X		X		
AW-24	X		X		X		
AW-02	X		X		X		
EW-103	X		X		X		
AW-21	X		X		X		
AW-20	X		X		X		
EW-102	X		X		X		
EW-101	X		X		X		
EW-100	X		X		X		
AW-29	X		X		X		
AW-01	X		X		X		
EW-104	X		X		X		
AW-35	X		X		X		
AW-36	X		X		X		
EW-105	X		X		X		
AW-27	X		X		X		
AW-09	X		X		X		

Date: 2/23/22
Name: R. Gruver

WELL ID	Gauge Reading		Time (24 hr)	COMMENTS
	(+)	(-)		
PC-18	0	5.0	0945	
PC-17	0	3.0	0946	
PC-16	0	2.2	0947	
PC-15	0	2.5	0948	
PC-14	0	2.4	0949	
PC-13	0	3.2	0949	
PC-01	0	2.8	0950	
PC-02	0	3.0	0950	
PC-03	0	0.4	0951	Needs - Gauge
PC-04	0	2.6	0952	
PC-05	0	3.0	0953	
PC-06	0	2.2	0953	
PC-07	0	0.6	0954	
PC-08	0	5.0	0956	
PC-09	0	2.0	0957	
PC-10	0	2.0	0958	
PC-11	0	2.2	0959	
PC-12	0	6.0	1000	
PC-25	0	2.2	1001	
PC-24	0	5.2	1002	
PC-23	0	2.4	1003	
PC-22	0	0.6	1004	New Gauge ?
PC-21	0	1.0	1005	
PC-20	0	1.0	1006	
PC-19	0	1.8	1007	

NORTH PAF - L - MARCH 2022

Device ID	Date/Time	CH4 %	CO2 %	O2 %	Balanc %	Rel Pressure in H2O	Temperature DegF
0000AW03	3/23/2022 6:47	64.1	22.1	0.4	13.4	-8.84	57.0
0000AW08	3/23/2022 6:48	63.3	21.5	0.1	15.1	-8.29	56.2
0000EW107	3/23/2022 6:50	51.0	24.1	0.3	24.6	-1.81	55.9
0000EW106	3/23/2022 6:52	66.1	25.3	0.3	8.3	-1.92	56.3
0000AW09B	3/23/2022 6:54	68.0	27.9	0.3	3.8	-2.49	56.9
0000AW04	3/23/2022 6:56	67.5	22.9	0.2	9.4	-1.59	57.6
0000EW108	3/23/2022 6:58	34.3	23.0	0.3	42.4	-1.65	57.3
0000AW12	3/23/2022 7:00	52.3	19.8	0.1	27.8	-1.54	55.7
0000EW109	3/23/2022 7:01	44.4	26.3	0.5	28.8	-1.48	55.0
0000AW25	3/23/2022 7:05	57.0	21.9	3.4	17.7	-1.49	54.9
0000EW110	3/23/2022 7:07	41.0	26.9	0.1	32.0	-1.75	55.2
0000AW28	3/23/2022 7:09	33.6	26.2	0.0	40.2	-1.55	55.5
0000AW11	3/23/2022 7:10	44.0	27.5	0.0	28.5	-2.49	56.0
0000AW10	3/23/2022 7:12	51.4	22.8	0.0	25.8	-2.40	56.2
0000AW05	3/23/2022 7:14	51.5	23.2	0.0	25.3	-1.20	56.4
0000AW22	3/23/2022 7:17	33.6	24.9	0.0	41.5	-1.15	55.5
0000AW06	3/23/2022 7:19	32.3	25.1	0.0	42.6	-1.27	57.4
0000EW111	3/23/2022 7:21	48.3	24.9	0.5	26.3	-1.70	56.8
0000EW112	3/23/2022 7:22	40.6	24.9	0.0	34.5	-3.44	56.3
0000EW113	3/23/2022 7:24	35.4	24.0	0.0	40.6	-2.91	56.8
0000EW114	3/23/2022 7:25	19.1	22.2	0.0	58.7	-0.75	57.8
0000AW07	3/23/2022 7:27	78.1	21.9	0.0	0.0	-0.76	60.6
0000AW23A	3/23/2022 7:28	72.4	25.5	0.6	1.5	-0.89	61.3
0000AW23	3/23/2022 7:30	70.9	26.2	0.9	2.0	-0.85	62.6
0000AW24	3/23/2022 7:33	70.9	26.1	1.4	1.6	-0.88	60.7
0000AW02	3/23/2022 7:34	56.3	27.6	0.2	15.9	-6.80	60.2
0000EW103	3/23/2022 7:36	44.7	27.9	0.0	27.4	-1.35	60.7
0000AW21	3/23/2022 7:38	62.7	28.1	0.3	8.9	-1.24	59.7
0000AW20	3/23/2022 7:41	51.9	25.5	0.0	22.6	-1.15	60.1
0000EW102	3/23/2022 7:44	41.4	28.3	0.4	29.9	-1.41	61.4
0000EW101	3/23/2022 7:47	54.8	32.2	0.0	13.0	-1.44	62.7
0000EW100	3/23/2022 7:48	37.0	25.0	0.2	37.8	-1.51	65.3
0000AW29	3/23/2022 7:50	41.5	26.9	0.0	31.6	-1.53	67.8
0000AW01	3/23/2022 7:52	49.9	29.0	0.0	21.1	-2.78	68.7
0000EW104	3/23/2022 7:54	42.5	26.7	1.1	29.7	-1.49	65.4
0000AW35	3/23/2022 7:56	53.9	28.3	0.2	17.6	-1.70	64.0
0000AW36	3/23/2022 7:57	64.0	31.1	0.1	4.8	-1.67	65.0
0000EW105	3/23/2022 8:00	71.8	28.2	0.0	0.0	-1.62	63.0
0000AW27	3/23/2022 8:03	47.3	30.1	0.3	22.3	-1.60	63.0
0000AW09	3/23/2022 8:05	77.6	20.5	0.0	1.9	-8.78	64.3

Date: 3-22-85
Name: J. Bujers

WELL ID	Gauge Reading		Time (24 hr)	COMMENTS
	(+)	(-)		
PC-18	3.4		11:00	
PC-17	0.8		11:00	
PC-16	1.0		11:01	
PC-15	0.4		11:02	
PC-14	0.4		11:02	
PC-13	0.5		11:04	
PC-01	0.2		11:04	
PC-02	1.0		11:05	
PC-03	0.4		11:05	
PC-04	0.8		11:06	
PC-05	0.4		11:06	
PC-06	1.2		10:43	
PC-07	0.8		10:44	
PC-08	0.3		10:47	
PC-09	1.0		10:49	
PC-10	1.0		10:50	
PC-11	1.2		10:50	
PC-12	4.8		10:52	
PC-25	1.2		10:53	
PC-24	5.8		10:54	
PC-23	1.8		10:55	
PC-22	0.2		10:56	
PC-21	1.0		10:56	
PC-20	0.2		10:57	
PC-19	0.8		10:57	

Name: *Buteva*

Date: *3-23-12*

NOR I PARCEL - LANDFILL GAS COLLECTION WELLS

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
AW-03	✓		✓		✓		
AW-08	✓		✓		✓		
EW-107	✓		✓		✓		
EW-106	✓		✓		✓		
AW-9B	✓		✓		✓		
AW-04	✓		✓		✓		
EW-108	✓		✓		✓		
AW-12	✓		✓		✓		
EW-109	✓		✓		✓		
AW-25	✓		✓		✓		
EW-110	✓		✓		✓		
AW-28	✓		✓		✓		
AW-11	✓		✓		✓		
AW-10	✓		✓		✓		
AW-05	✓		✓		✓		
AW-22	✓		✓		✓		
AW-06	✓		✓		✓		
EW-111	✓		✓		✓		


Name: *Butors*

Date: **3-23-22**

NOR PARCEL - LANDFILL GAS COLLECTION WELLS

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
EW-112	✓	✗	✓	✗	✓	✗	
EW-113	✗	✓	✓	✗	✓	✗	
EW-114	✗	✓	✓	✗	✓	✗	
AW-07	✗	✓	✓	✗	✓	✗	
AW-23A	✗	✓	✓	✗	✓	✗	
AW-23	✗	✓	✓	✗	✓	✗	
AW-24	✗	✓	✓	✗	✓	✗	
AW-02	✗	✓	✓	✗	✓	✗	
EW-103	✗	✓	✓	✗	✓	✗	
AW-21	✗	✓	✓	✗	✓	✗	
AW-20	✗	✓	✓	✗	✓	✗	
EW-102	✗	✓	✓	✗	✓	✗	
EW-101	✗	✓	✓	✗	✓	✗	
EW-100	✗	✓	✓	✗	✓	✗	
AW-29	✗	✓	✓	✗	✓	✗	
AW-01	✗	✓	✓	✗	✓	✗	
EW-104	✗	✓	✓	✗	✓	✗	
AW-35	✗	✓	✓	✗	✓	✗	
AW-36	✗	✓	✓	✗	✓	✗	
EW-105	✗	✓	✓	✗	✓	✗	
AW-27	✗	✓	✓	✗	✓	✗	
AW-09	✗	✓	✓	✗	✓	✗	

NORTH PAD

L - APRIL 2022

Device ID	Date/Time	CH4 %	CO2 %	O2 %	Balance %	Rel Pressure in H2O	Temperature DegF
0000AW03	4/19/2022 9:52	64.1	22.6	0.1	13.2	-8.77	62.0
0000AW08	4/19/2022 9:55	62.6	21.4	0.0	16.0	-8.91	64.4
0000EW107	4/19/2022 9:59	51.7	23.7	0.0	24.0	-1.36	62.9
0000EW106	4/19/2022 10:03	65.0	24.6	0.5	9.9	-1.42	65.2
0000AW09B	4/19/2022 10:06	67.7	25.0	0.7	6.6	-3.09	69.2
0000AW04	4/19/2022 10:09	65.9	22.1	0.3	11.7	-1.12	69.2
0000EW108	4/19/2022 10:13	32.4	23.2	0.1	44.3	-1.31	67.8
0000AW12	4/19/2022 10:16	56.0	19.0	0.1	24.9	-1.48	65.5
0000EW109	4/19/2022 10:19	44.4	25.9	0.0	29.7	-1.12	64.1
0000AW25	4/19/2022 10:28	53.0	21.3	4.6	21.1	-1.12	63.6
0000EW110	4/19/2022 10:31	38.4	26.2	0.2	35.2	-1.36	64.6
0000AW28	4/19/2022 10:34	32.3	25.5	0.1	42.1	-1.47	64.5
0000AW11	4/19/2022 10:37	44.4	27.1	0.0	28.5	-1.98	65.2
0000AW10	4/19/2022 10:40	51.4	22.1	0.1	26.4	-1.91	64.5
0000AW05	4/19/2022 10:44	46.1	19.7	2.9	31.3	-0.95	65.5
0000AW22	4/19/2022 10:47	36.3	24.8	0.0	38.9	-0.95	67.6
0000AW06	4/19/2022 10:50	36.4	24.9	0.0	38.7	-0.66	67.6
0000EW111	4/19/2022 10:54	46.5	23.8	0.8	28.9	-1.31	67.1
0000EW112	4/19/2022 10:57	38.2	24.7	0.0	37.1	-2.93	66.4
0000EW113	4/19/2022 11:00	35.7	22.9	0.0	41.4	-1.73	67.7
0000EW114	4/19/2022 11:03	19.7	22.1	0.0	58.2	-0.62	67.0
0000AW07	4/19/2022 11:06	78.4	21.6	0.0	0.0	-0.53	70.7
0000AW23A	4/19/2022 11:09	72.1	22.6	0.0	5.3	-0.67	72.3
0000AW23	4/19/2022 11:11	67.4	22.4	0.4	9.8	-0.62	72.6
0000AW24	4/19/2022 11:14	40.8	18.8	4.6	35.8	-0.61	69.9
0000AW02	4/19/2022 11:17	52.1	27.4	0.0	20.5	-3.96	75.4
0000EW103	4/19/2022 11:20	40.7	27.6	0.0	31.7	-1.12	75.5
0000AW21	4/19/2022 11:23	67.5	29.6	0.0	2.9	-0.90	72.4
0000AW20	4/19/2022 11:26	49.2	24.8	0.0	26.0	-0.86	74.5
0000EW102	4/19/2022 11:28	40.8	27.9	0.0	31.3	-1.04	72.1
0000EW101	4/19/2022 11:31	53.9	32.4	0.0	13.7	-1.09	70.6
0000EW100	4/19/2022 11:34	36.5	23.8	0.0	39.7	-1.13	74.7
0000AW29	4/19/2022 11:37	40.3	26.3	0.0	33.4	-1.14	71.4
0000AW01	4/19/2022 11:40	48.4	28.4	0.0	23.2	-2.52	74.8
0000EW104	4/19/2022 11:44	43.0	27.5	0.4	29.1	-1.16	73.0
0000AW35	4/19/2022 11:46	57.7	28.6	0.0	13.7	-1.32	73.9
0000AW36	4/19/2022 11:48	65.1	31.1	0.2	3.6	-1.29	72.6
0000EW105	4/19/2022 12:39	72.3	27.6	0.1	0.0	-1.09	73.0
0000AW27	4/19/2022 12:42	44.9	29.5	0.0	25.6	-1.08	73.3
0000AW09	4/19/2022 12:45	79.5	19.5	0.1	0.9	-6.57	76.1

Name: *N. Bonnigton*

Date: *4-19-22*

NORI PARCEL - LANDFILL GAS COLLECTION WELL'S

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
AW-03	✓		✓		✓		
AW-08	✓		✓		✓		
EW-107	✓		✓		✓		
EW-106	✓		✓		✓		
AW-9B	✓		✓		✓		
AW-04	✓		✓		✓		
EW-108	✓		✓		✓		
AW-12	✓		✓		✓		
EW-109	✓		✓		✓		
AW-25			✓		✓		∅ 4.6 % O ₂
EW-110	✓		✓		✓		
AW-28	✓		✓		✓		
AW-11	✓		✓		✓		
AW-10	✓		✓		✓		
AW-05	✓		✓		✓		
AW-22	✓		✓		✓		
AW-06	✓		✓		✓		
EW-111	✓		✓		✓		

Name: N. Bonnington

Date: 4-19-22

NORI PARCEL - LANDFILL GAS COLLECTOR WELL

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
EW-112	✓		✓		✓		
EW-113	✓		✓		✓		
EW-114	✓		✓		✓		
AW-07	✓		✓		✓		
AW-23A	✓		✓		✓		
AW-23	✓		✓		✓		
AW-24	✓		✓		✓		
AW-02	✓		✓		✓		
EW-103	✓		✓		✓		
AW-21	✓		✓		✓		
AW-20	✓		✓		✓		
EW-102	✓		✓		✓		
EW-101	✓		✓		✓		
EW-100	✓		✓		✓		
AW-29	✓		✓		✓		
AW-01	✓		✓		✓		
EW-104	✓		✓		✓		
AW-35	✓		✓		✓		
AW-36	✓		✓		✓		
EW-105	✓		✓		✓		
AW-27	✓		✓		✓		
AW-09	✓		✓		✓		

Date: 4-19-22
Name: N. Bonnington

WELL ID	Gauge Reading		Time (24 hr)	COMMENTS
	(+)	(-)		
PC-18	0	-3.4	1314	
PC-17	0	-1.0	1314	
PC-16	0	-0.6	1315	
PC-15	0	-0.5	1315	
PC-14	0	-0.4	1316	
PC-13	0	-1.2	1316	
PC-01	0	-0.9	1250	
PC-02	0	-0.8	1251	
PC-03	0	-1.0	1252	
PC-04	0	-0.8	1253	
PC-05	0	-1.2	1254	
PC-06	0	-0.4	1255	
PC-07	0	-0.4	0900	⑧ Could not locate - overgrown
PC-08	0	-3	1303	
PC-09	0	-0.4	1304	
PC-10	0	-0.6	1306	
PC-11	0	-0.6	1307	
PC-12	0	-4	1308	
PC-25	0	-0.8	1309	
PC-24	0	-5.2	1310	
PC-23	0	-1.0	1310	
PC-22	0	-0.4	1311	
PC-21	0	-0.6	1312	
PC-20	0	-0.5	1312	
PC-19	2	-0.1	1313	⑧ Gauge's need to be replaced

NORTH PAR -1 - MAY 2022

Device ID	Date/Time	CH4 %	CO2 %	O2 %	Balance	Rel Pressure in H2O	Temperature DegF
0000AV03	5/26/2022 7:36	55.1	26.1	0.3	18.5	-15.49	62.1
0000AV08	5/26/2022 7:38	59.7	21.8	0.1	18.4	-16.73	64.7
0000EW107	5/26/2022 7:41	49.9	24.0	0.1	26.0	-2.20	62.6
0000EW106	5/26/2022 7:45	64.5	25.6	0.1	9.8	-6.65	63.7
0000AW09B	5/26/2022 7:48	69.8	24.9	0.1	5.2	-17.13	62.8
0000AV04	5/26/2022 7:51	58.4	24.5	0.0	17.1	-4.07	65.7
0000EW108	5/26/2022 7:53	31.7	23.7	0.1	44.5	-2.31	66.9
0000AV12	5/26/2022 7:56	55.0	19.5	0.5	25.0	-4.41	68.3
0000EW109	5/26/2022 7:59	39.8	26.2	0.1	33.9	-1.95	66.1
0000AV25	5/26/2022 8:02	19.8	15.3	4.7	60.2	-3.31	62.0
0000EW110	5/26/2022 8:05	41.7	26.1	0.0	32.2	-2.22	64.4
0000AV28	5/26/2022 8:07	30.9	25.4	0.0	43.7	-2.54	65.5
0000AV11	5/26/2022 8:10	42.5	26.9	0.0	30.6	-4.86	64.4
0000AV10	5/26/2022 8:13	50.6	22.4	0.0	27.0	-4.71	66.7
0000AV05	5/26/2022 8:16	53.7	23.1	0.0	23.2	-1.47	62.0
0000AV22	5/26/2022 8:19	38.1	25.2	0.0	36.7	-1.35	62.4
0000AV06	5/26/2022 8:22	38.2	25.2	0.0	36.6	-1.47	64.7
0000EW111	5/26/2022 8:25	43.7	24.7	0.0	31.6	-2.04	67.1
0000EW112	5/26/2022 8:28	37.7	25.2	0.0	37.1	-8.91	68.0
0000EW113	5/26/2022 8:30	33.1	22.5	0.0	44.4	-3.18	68.2
0000EW114	5/26/2022 8:33	19.9	22.7	0.0	57.4	-0.89	62.9
0000AV07	5/26/2022 8:35	78.0	22.0	0.0	0.0	-0.82	62.7
0000AW23A	5/26/2022 8:37	63.2	22.3	0.2	14.3	-1.01	63.8
0000AV23	5/26/2022 8:41	0.0	0.1	21.2	78.7	-1.09	61.1
0000AV24	5/26/2022 8:44	1.5	0.8	20.6	77.1	-0.97	63.4
0000AV02	5/26/2022 8:47	50.9	27.6	0.0	21.5	-20.75	67.1
0000EW103	5/26/2022 8:51	36.8	27.9	0.0	35.3	-1.94	65.0
0000AV21	5/26/2022 8:53	58.2	27.5	0.0	14.3	-1.67	64.9
0000AV20	5/26/2022 8:55	45.5	25.2	0.0	29.3	-1.56	64.3
0000EW102	5/26/2022 9:00	39.3	27.9	0.0	32.8	-1.98	68.5
0000EW101	5/26/2022 9:03	51.6	32.7	0.0	15.7	-1.89	67.0
0000EW100	5/26/2022 9:05	35.1	24.3	0.2	40.4	-1.97	68.7
0000AV29	5/26/2022 9:09	38.0	26.0	0.0	36.0	-2.04	68.1
0000AV01	5/26/2022 9:11	47.7	28.8	0.0	23.5	-5.96	74.9
0000EW104	5/26/2022 9:14	36.4	26.2	1.2	36.2	-2.04	66.7
0000AV35	5/26/2022 9:16	57.9	28.8	0.0	13.3	-2.39	70.9
0000AV36	5/26/2022 9:18	65.0	31.9	0.0	3.1	-2.39	71.3
0000EW105	5/26/2022 9:21	66.1	28.6	0.0	5.3	-2.63	70.6
0000AV27	5/26/2022 9:23	38.8	28.7	0.0	32.5	-2.17	71.9
0000AV09	5/26/2022 9:26	77.9	20.2	0.0	1.9	-19.64	68.4

NOR PARCEL - LANDFILL GAS COLLECTION WELLS

Name: K. Shuler

Date: 5/20/12

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
AW-03	X		X		X		
AW-08	X		X		X		
EW-107	X		X		X		
EW-106	X		X		X		
AW-9B	X		X		X		
AW-04	X		X		X		
EW-108	X		X		X		
AW-12	X		X		X		
EW-109	X		X		X		
AW-25	X		X		X		
EW-110	X		X		X		
AW-28	X		X		X		
AW-11	X		X		X		
AW-10	X		X		X		
AW-05	X		X		X		
AW-22	X		X		X		
AW-06	X		X		X		
EW-111	X		X		X		

NOR PARCEL - LANDFILL GAS COLLECTION WELLS

Name: Roger Verbraak

Date: 5/20/12

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
EW-112	X				X		
EW-113	X		X		X		
EW-114	X		X		X		
AW-07							
AW-23A	X		X		X		
AW-23							
AW-24							
AW-02	X		X		X		
EW-03							
AW-21	X		X		X		
AW-20	X		X		X		
EW-102							
EW-101							
EW-100							
AW-29							
AW-01							
EW-104							
AW-35							
AW-36							
EW-105							
AW-27							
AW-09							

Date:
Name:

5/26/22

R. Guevara

WELL ID	Gauge Reading		Time (24 hr)	COMMENTS
	(+)	(-)		
PC-18	0	9.2	0939	
PC-17	0	2.0	0940	
PC-16	0	1.2	0941	
PC-15	0	1.8	0942	
PC-14	0	1.6	0942	
PC-13	0	2.3	0943	
PC-01	0	2.2	0943	
PC-02	0	2.2	0944	
PC-03	0	2.0	0945	
PC-04	0	2.0	0945	
PC-05	0	2.2	0946	
PC-06	0	1.4	0947	
PC-07	0	3.2	0948	positive gauge. No new paper cover.
PC-08	0	9.8	0949	
PC-09	0	1.4	0950	
PC-10	0	1.6	0951	
PC-11	0	1.4	0952	
PC-12	0	10.0	0953	
PC-25	0	1.4	0954	
PC-24	0	12.0	0955	
PC-23	0	2.3	0956	
PC-22	0	0.4	0957	
PC-21	0	1.0	0958	
PC-20	0	0.2	0959	
PC-19	0	0.1	1000	

NORTH PA

:L - JUNE 2022

Device ID	Date/Time	CH4 %	CO2 %	O2 %	Balance %	Rel Pressure in H2O	Temperature DegF
0000AW03	6/28/2022 8:01	56.7	22.0	0.1	21.2	-5.38	74.3
0000AW08	6/28/2022 8:03	57.1	21.5	0.1	21.3	-5.26	74.7
0000EW107	6/28/2022 8:05	48.6	23.5	0.1	27.8	-1.16	74.6
0000EW106	6/28/2022 8:07	59.7	25.1	0.0	15.2	-1.37	75.6
0000AW09B	6/28/2022 8:10	64.7	24.7	0.6	10.0	-3.41	75.3
0000AW04	6/28/2022 8:12	66.2	22.3	0.0	11.5	-1.02	77.4
0000EW108	6/28/2022 8:14	29.6	23.5	0.1	46.8	-1.00	77.9
0000AW12	6/28/2022 8:17	65.5	18.2	0.2	16.1	-0.70	78.2
0000EW109	6/28/2022 8:20	41.8	25.4	0.1	32.7	-0.84	77.8
0000AW25	6/28/2022 8:22	45.0	26.6	0.4	28.0	-2.20	78.6
0000EW110	6/28/2022 8:25	36.3	26.4	0.0	37.3	-0.84	80.6
0000AW28	6/28/2022 8:28	29.0	24.2	0.0	46.8	-0.66	83.7
0000AW11	6/28/2022 8:30	40.5	26.2	0.0	33.3	-1.56	78.7
0000AW10	6/28/2022 8:35	49.2	21.9	0.0	28.9	-1.65	78.2
0000AW05	6/28/2022 8:38	54.9	22.7	0.0	22.4	-0.39	81.6
0000AW22	6/28/2022 8:42	41.9	24.9	0.0	33.2	-0.36	83.3
0000AW06	6/28/2022 8:45	41.8	24.9	0.0	33.3	-0.41	85.2
0000EW111	6/28/2022 8:47	44.9	24.1	0.0	31.0	-0.61	84.5
0000EW112	6/28/2022 8:50	35.7	23.8	0.1	40.4	-0.88	82.3
0000EW113	6/28/2022 8:53	37.5	21.8	0.0	40.7	-0.67	81.3
0000EW114	6/28/2022 8:56	25.9	23.3	0.0	50.8	-0.05	79.9
0000AW07	6/28/2022 8:59	78.3	21.7	0.0	0.0	-0.05	79.9
0000AW23A	6/28/2022 9:01	62.0	21.6	0.0	16.4	-0.19	81.0
0000AW23	6/28/2022 9:04	62.3	21.6	0.0	16.1	-0.19	80.3
0000AW24	6/28/2022 9:06	62.5	21.6	0.0	15.9	-0.12	78.8
0000AW02	6/28/2022 9:10	49.8	26.5	0.0	23.7	-2.95	80.4
0000EW103	6/28/2022 9:13	35.1	27.5	0.0	37.4	-0.75	81.0
0000AW21	6/28/2022 9:16	60.2	27.3	0.0	12.5	-0.62	82.1
0000AW20	6/28/2022 9:18	46.7	24.4	0.0	28.9	-0.57	81.9
0000EW102	6/28/2022 9:21	37.2	26.8	0.0	36.0	-0.80	82.9
0000EW101	6/28/2022 9:24	46.6	31.7	0.0	21.7	-0.78	83.3
0000EW100	6/28/2022 9:26	37.0	24.6	0.0	38.4	-0.75	82.8
0000AW29	6/28/2022 9:28	38.2	25.2	0.0	36.6	-0.73	85.2
0000AW01	6/28/2022 9:31	45.4	27.9	0.0	26.7	-1.64	84.6
0000EW104	6/28/2022 9:33	40.4	28.6	0.7	30.3	-0.78	83.0
0000AW35	6/28/2022 9:35	54.8	26.9	0.0	18.3	-0.95	83.2
0000AW36	6/28/2022 9:39	57.5	30.2	0.0	12.3	-1.43	85.4
0000EW105	6/28/2022 9:41	64.9	28.6	0.0	6.5	-0.84	85.2
0000AW27	6/28/2022 9:44	36.6	27.0	0.0	36.4	-0.75	87.7
0000AW09	6/28/2022 9:46	76.5	19.3	0.0	4.2	-5.05	86.8

NOR PARCEL - LANDFILL GAS COLLECTION WELLS

Name: R. Quade Date: 4/20/12

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
AW-03	X				X		
AW-08	X				X		
EW-107	X				X		
EW-106	X				X		
AW-9B			X	X	X		
AW-04			X	X	X		
EW-108			X	X	X		
AW-12			X	X	X		
EW-109			X	X	X		
AW-25			X	X	X		
EW-110			X	X	X		
AW-28			X	X	X		
AW-11			X	X	X		
AW-10			X	X	X		
AW-05			X	X	X		
AW-22			X	X	X		
AW-06			X	X	X		
EW-111			X	X	X		

NOR PARCEL - LANDFILL GAS COLLECTION WELLS

Name: R. Quisenberry Date: 4/28/12

WELL ID	Negative Pressure		Oxygen < 5%		Temp < 131 F		Comments
	Yes	No	Yes	No	Yes	No	
EW-112	X				X		
EW-113	X		X		X		
EW-114	X		X		X		
AW-07							
AW-23A	X		X		X		
AW-23	X		X		X		
AW-24	X		X		X		
AW-02							
EW-103							
AW-21							
AW-20							
EW-102							
EW-101							
EW-100							
AW-29							
AW-01							
EW-104							
AW-35							
AW-36							
EW-105							
AW-27							
AW-09							

NORTH ARKLE THERMOMETER COLLECTION

Date: 10/28/22
 Name: R. G. Elling

WELL ID	Gauge Reading		Time (24 hr)	COMMENTS
	(+)	(-)		
PC-18	0	2.8	0957	
PC-17	0	0.4	0958	
PC-16	0	0.4	0959	
PC-15	0	0.2	1000	
PC-14	0	0.1	1001	
PC-13	0	1.2	1002	
PC-01	0	0.6	1003	
PC-02	0	0.8	1004	
PC-03	0	0.6	1005	
PC-04	0	1.0	1006	
PC-05	0	1.0	1006b	
PC-06	0	0.4	1007	
PC-07	-	2.2	1008	0008 + Gauge Type after.
PC-08	0	1.2	1009	
PC-09	0	0.6	1010	
PC-10	0	0.6	1011	
PC-11	0	0.4	1012	
PC-12	0	3.0	1013	
PC-25	0	0.6	1014	
PC-24	0	4.2	1015	
PC-23	0	0.8	1016	
PC-22	0	0.2	1017	
PC-21	0	0.6	1018	
PC-20	0	0.2	1019	
PC-19	0	0.6	1020	

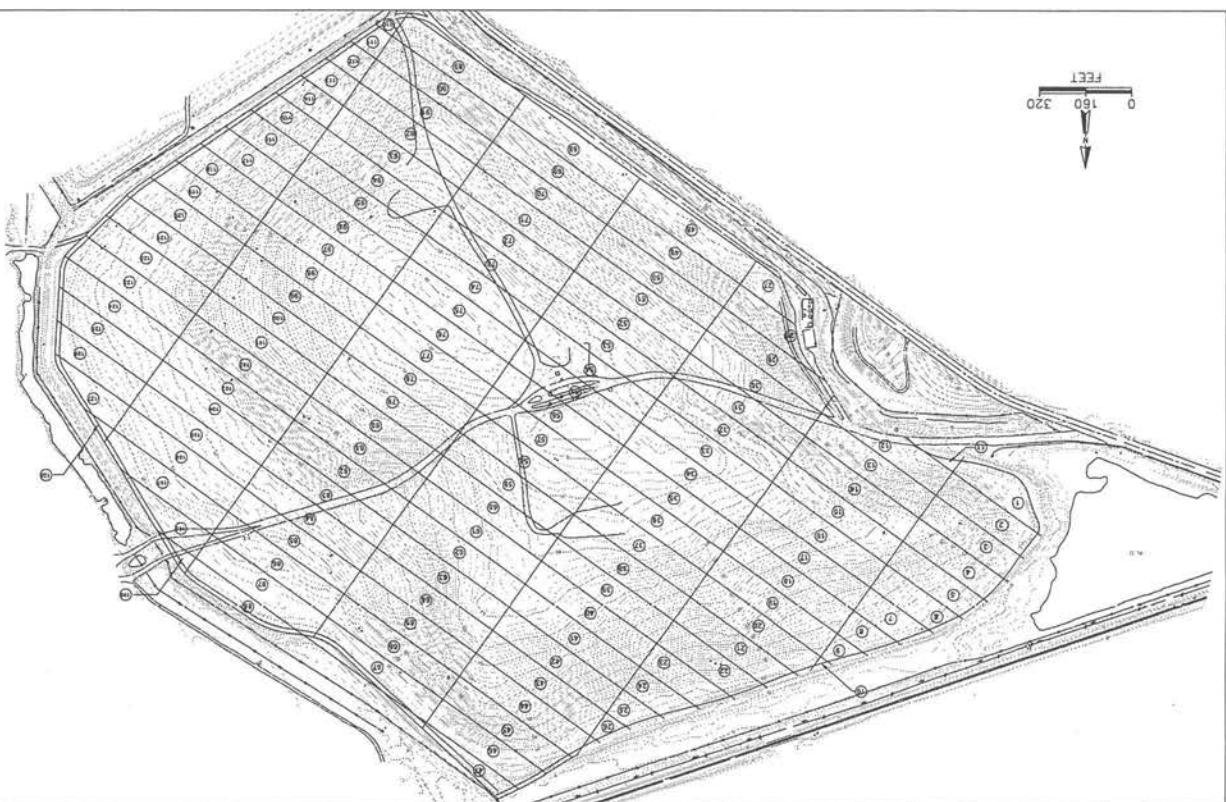
Appendix F

Landfill Surface Emission Monitoring Data

ACME FILL CORPORATION
950 Waterbird Way
Martinez, California 94553

SURFACE EMISSION MONITORING GRID
Acme Landfill North Parcel

Figure 1



INITIAL INTEGRATED MONITORING RESULTS

Table 1

FILE NAME	GRID NO.	DATE	INTEGRATED METHANE CONCENTRATION (ppmv)	MONITOR_abw_GRID_1_2022_Q1_initial.csv	0.2	2/4/2022	1
MONITOR_abw_GRID_2_2022_Q1_initial.csv	2	2/3/2022	0.2	MONITOR_abw_GRID_3_2022_Q1_initial.csv	0.0	2/3/2022	3
MONITOR_abw_GRID_4_2022_Q1_initial.csv	4	2/3/2022	0.3	MONITOR_abw_GRID_5_2022_Q1_initial.csv	0.0	2/3/2022	5
MONITOR_abw_GRID_6_2022_Q1_initial.csv	6	2/3/2022	0.2	MONITOR_abw_GRID_7_2022_Q1_initial.csv	0.2	2/3/2022	7
MONITOR_abw_GRID_8_2022_Q1_initial.csv	8	2/3/2022	0.2	MONITOR_abw_GRID_9_2022_Q1_initial.csv	0.3	2/3/2022	9
MONITOR_abw_GRID_10_2022_Q1_initial.csv	10	2/3/2022	0.0	MONITOR_abw_GRID_11_2022_Q1_initial.csv	0.0	2/3/2022	11
MONITOR_abw_GRID_12_2022_Q1_initial.csv	12	2/3/2022	0.4	MONITOR_abw_GRID_13_2022_Q1_initial.csv	0.4	2/3/2022	13
MONITOR_abw_GRID_14_2022_Q1_initial.csv	14	2/3/2022	0.3	MONITOR_abw_GRID_15_2022_Q1_initial.csv	0.1	2/3/2022	15
MONITOR_abw_GRID_16_2022_Q1_initial.csv	16	2/3/2022	0.2	MONITOR_abw_GRID_17_2022_Q1_initial.csv	0.3	2/3/2022	17
MONITOR_abw_GRID_18_2022_Q1_initial.csv	18	2/3/2022	0.1	MONITOR_abw_GRID_19_2022_Q1_initial.csv	0.3	2/3/2022	19
MONITOR_abw_GRID_20_2022_Q1_initial.csv	20	2/3/2022	0.2	MONITOR_abw_GRID_21_2022_Q1_initial.csv	0.2	2/3/2022	21
MONITOR_abw_GRID_22_2022_Q1_initial.csv	22	2/3/2022	0.4	MONITOR_abw_GRID_23_2022_Q1_initial.csv	0.1	2/3/2022	23
MONITOR_abw_GRID_24_2022_Q1_initial.csv	24	2/3/2022	0.3	MONITOR_abw_GRID_25_2022_Q1_initial.csv	0.0	2/3/2022	25
MONITOR_abw_GRID_26_2022_Q1_initial.csv	26	2/3/2022	0.1	MONITOR_abw_GRID_27_2022_Q1_initial.csv	0.2	2/3/2022	27
MONITOR_abw_GRID_28_2022_Q1_initial.csv	28	2/3/2022	0.1	MONITOR_abw_GRID_29_2022_Q1_initial.csv	0.1	2/3/2022	29
MONITOR_abw_GRID_30_2022_Q1_initial.csv	30	2/3/2022	0.1	MONITOR_abw_GRID_31_2022_Q1_initial.csv	0.1	2/3/2022	31
MONITOR_abw_GRID_32_2022_Q1_initial.csv	32	2/3/2022	0.2	MONITOR_abw_GRID_33_2022_Q1_initial.csv	0.2	2/3/2022	32
MONITOR_abw_GRID_34_2022_Q1_initial.csv	34	2/3/2022	0.1	MONITOR_abw_GRID_35_2022_Q1_initial.csv	0.2	2/3/2022	35
MONITOR_abw_GRID_36_2022_Q1_initial.csv	36	2/3/2022	0.3	MONITOR_abw_GRID_37_2022_Q1_initial.csv	0.1	2/3/2022	37
MONITOR_abw_GRID_38_2022_Q1_initial.csv	38	2/3/2022	0.1	MONITOR_abw_GRID_39_2022_Q1_initial.csv	0.3	2/3/2022	39
MONITOR_abw_GRID_40_2022_Q1_initial.csv	40	2/3/2022	0.1	MONITOR_abw_GRID_41_2022_Q1_initial.csv	0.1	2/3/2022	41
MONITOR_abw_GRID_42_2022_Q1_initial.csv	42	2/3/2022	0.2	MONITOR_abw_GRID_43_2022_Q1_initial.csv	0.2	2/3/2022	42
MONITOR_abw_GRID_44_2022_Q1_initial.csv	44	2/3/2022	0.3	MONITOR_abw_GRID_45_2022_Q1_initial.csv	0.2	2/3/2022	44
MONITOR_abw_GRID_46_2022_Q1_initial.csv	46	2/3/2022	0.2	MONITOR_abw_GRID_47_2022_Q1_initial.csv	0.6	2/3/2022	47
MONITOR_abw_GRID_48_2022_Q1_initial.csv	48	2/3/2022	0.1	MONITOR_abw_GRID_49_2022_Q1_initial.csv	0.2	2/3/2022	48
MONITOR_abw_GRID_50_2022_Q1_initial.csv	50	2/3/2022	0.3	MONITOR_abw_GRID_51_2022_Q1_initial.csv	0.2	2/3/2022	51
MONITOR_abw_GRID_52_2022_Q1_initial.csv	52	2/3/2022	0.1	MONITOR_abw_GRID_53_2022_Q1_initial.csv	0.2	2/3/2022	52
MONITOR_abw_GRID_54_2022_Q1_initial.csv	54	2/3/2022	0.1	MONITOR_abw_GRID_55_2022_Q1_initial.csv	0.1	2/3/2022	53

INITIAL INTEGRATED MONITORING RESULTS

Table 1

FILE NAME	GRID NO.	DATE	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_abw_GRID_54_2022_Q1_initial.csv	54	1/24/2022	0.0
MONITOR_abw_GRID_55_2022_Q1_initial.csv	55	1/24/2022	0.1
MONITOR_abw_GRID_56_2022_Q1_initial.csv	56	1/24/2022	0.1
MONITOR_abw_GRID_57_2022_Q1_initial.csv	57	1/24/2022	0.1
MONITOR_abw_GRID_58_2022_Q1_initial.csv	58	1/24/2022	0.0
MONITOR_abw_GRID_59_2022_Q1_initial.csv	59	1/24/2022	0.1
MONITOR_abw_GRID_60_2022_Q1_initial.csv	60	1/24/2022	0.1
MONITOR_abw_GRID_61_2022_Q1_initial.csv	61	1/24/2022	0.2
MONITOR_abw_GRID_62_2022_Q1_initial.csv	62	1/24/2022	0.1
MONITOR_abw_GRID_63_2022_Q1_initial.csv	63	1/24/2022	0.2
MONITOR_abw_GRID_64_2022_Q1_initial.csv	64	1/24/2022	0.1
MONITOR_abw_GRID_65_2022_Q1_initial.csv	65	1/24/2022	0.1
MONITOR_abw_GRID_66_2022_Q1_initial.csv	66	1/24/2022	0.1
MONITOR_abw_GRID_67_2022_Q1_initial.csv	67	1/24/2022	0.1
MONITOR_abw_GRID_68_2022_Q1_initial.csv	68	1/24/2022	0.1
MONITOR_abw_GRID_69_2022_Q1_initial.csv	69	1/24/2022	0.0
MONITOR_abw_GRID_70_2022_Q1_initial.csv	70	1/24/2022	0.1
MONITOR_abw_GRID_71_2022_Q1_initial.csv	71	1/24/2022	0.1
MONITOR_abw_GRID_72_2022_Q1_initial.csv	72	1/24/2022	0.1
MONITOR_abw_GRID_73_2022_Q1_initial.csv	73	1/24/2022	0.1
MONITOR_abw_GRID_74_2022_Q1_initial.csv	74	1/24/2022	0.0
MONITOR_abw_GRID_75_2022_Q1_initial.csv	75	1/24/2022	0.1
MONITOR_abw_GRID_76_2022_Q1_initial.csv	76	1/24/2022	0.1
MONITOR_abw_GRID_77_2022_Q1_initial.csv	77	1/24/2022	0.0
MONITOR_abw_GRID_78_2022_Q1_initial.csv	78	1/24/2022	0.1
MONITOR_abw_GRID_79_2022_Q1_initial.csv	79	1/24/2022	0.1
MONITOR_abw_GRID_80_2022_Q1_initial.csv	80	1/24/2022	0.2
MONITOR_abw_GRID_81_2022_Q1_initial.csv	81	1/24/2022	0.1
MONITOR_abw_GRID_82_2022_Q1_initial.csv	82	1/24/2022	0.2
MONITOR_abw_GRID_83_2022_Q1_initial.csv	83	1/24/2022	0.2
MONITOR_abw_GRID_84_2022_Q1_initial.csv	84	1/24/2022	0.1
MONITOR_abw_GRID_85_2022_Q1_initial.csv	85	1/24/2022	0.1
MONITOR_abw_GRID_86_2022_Q1_initial.csv	86	1/24/2022	0.2
MONITOR_abw_GRID_87_2022_Q1_initial.csv	87	1/24/2022	0.1
MONITOR_abw_GRID_88_2022_Q1_initial.csv	88	1/24/2022	0.2
MONITOR_abw_GRID_89_2022_Q1_initial.csv	89	1/24/2022	0.1
MONITOR_abw_GRID_90_2022_Q1_initial.csv	90	1/24/2022	0.2
MONITOR_abw_GRID_91_2022_Q1_initial.csv	91	1/24/2022	0.2
MONITOR_abw_GRID_92_2022_Q1_initial.csv	92	1/24/2022	0.1
MONITOR_abw_GRID_93_2022_Q1_initial.csv	93	1/24/2022	0.1
MONITOR_abw_GRID_94_2022_Q1_initial.csv	94	1/24/2022	0.2
MONITOR_abw_GRID_95_2022_Q1_initial.csv	95	1/24/2022	0.0
MONITOR_abw_GRID_96_2022_Q1_initial.csv	96	1/24/2022	0.4
MONITOR_abw_GRID_97_2022_Q1_initial.csv	97	1/24/2022	0.1
MONITOR_abw_GRID_98_2022_Q1_initial.csv	98	1/24/2022	0.4
MONITOR_abw_GRID_99_2022_Q1_initial.csv	99	1/24/2022	0.0
MONITOR_abw_GRID_100_2022_Q1_initial.csv	100	1/24/2022	0.2
MONITOR_abw_GRID_101_2022_Q1_initial.csv	101	1/24/2022	0.1
MONITOR_abw_GRID_102_2022_Q1_initial.csv	102	1/24/2022	0.3
MONITOR_abw_GRID_103_2022_Q1_initial.csv	103	1/24/2022	0.1
MONITOR_abw_GRID_104_2022_Q1_initial.csv	104	1/24/2022	0.1
MONITOR_abw_GRID_105_2022_Q1_initial.csv	105	1/24/2022	0.2
MONITOR_abw_GRID_106_2022_Q1_initial.csv	106	1/24/2022	0.4

INITIAL INTEGRATED MONITORING RESULTS
1Q2022 Acme North Landfill

Table 1

FILE NAME	GRID NO.	DATE	INTTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_abw_GRID_107_2022_Q1_initial.csv	107	2/4/2022	0.1
MONITOR_abw_GRID_108_2022_Q1_initial.csv	108	2/4/2022	0.1
MONITOR_abw_GRID_109_2022_Q1_initial.csv	109	2/4/2022	0.1
MONITOR_abw_GRID_110_2022_Q1_initial.csv	110	2/4/2022	0.0
MONITOR_abw_GRID_111_2022_Q1_initial.csv	111	2/4/2022	0.3
MONITOR_abw_GRID_112_2022_Q1_initial.csv	112	2/4/2022	0.5
MONITOR_abw_GRID_113_2022_Q1_initial.csv	113	2/4/2022	0.1
MONITOR_abw_GRID_114_2022_Q1_initial.csv	114	2/4/2022	0.2
MONITOR_abw_GRID_115_2022_Q1_initial.csv	115	2/4/2022	0.1
MONITOR_abw_GRID_116_2022_Q1_initial.csv	116	2/4/2022	0.3
MONITOR_abw_GRID_117_2022_Q1_initial.csv	117	2/4/2022	0.3
MONITOR_abw_GRID_118_2022_Q1_initial.csv	118	2/4/2022	0.3
MONITOR_abw_GRID_119_2022_Q1_initial.csv	119	2/4/2022	0.0
MONITOR_abw_GRID_120_2022_Q1_initial.csv	120	2/4/2022	0.1
MONITOR_abw_GRID_121_2022_Q1_initial.csv	121	2/4/2022	0.1
MONITOR_abw_GRID_122_2022_Q1_initial.csv	122	2/4/2022	0.2
MONITOR_abw_GRID_123_2022_Q1_initial.csv	123	2/4/2022	0.2
MONITOR_abw_GRID_124_2022_Q1_initial.csv	124	2/4/2022	0.2
MONITOR_abw_GRID_125_2022_Q1_initial.csv	125	2/4/2022	0.2
MONITOR_abw_GRID_126_2022_Q1_initial.csv	126	2/4/2022	0.2
MONITOR_abw_GRID_127_2022_Q1_initial.csv	127	2/4/2022	0.2
MONITOR_abw_GRID_128_2022_Q1_initial.csv	128	2/4/2022	0.1

INITIAL INTEGRATED MONITORING RESULTS

1Q2022 Acme North Landfill

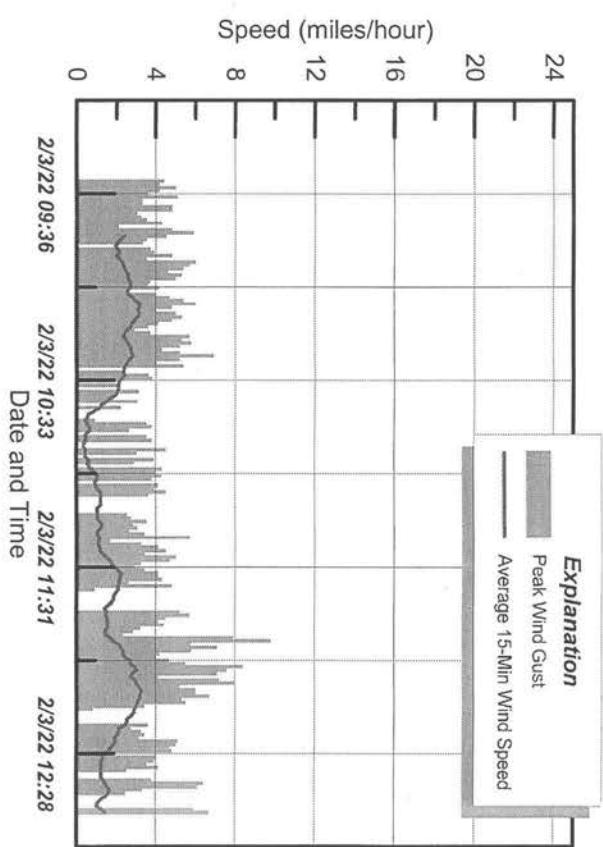
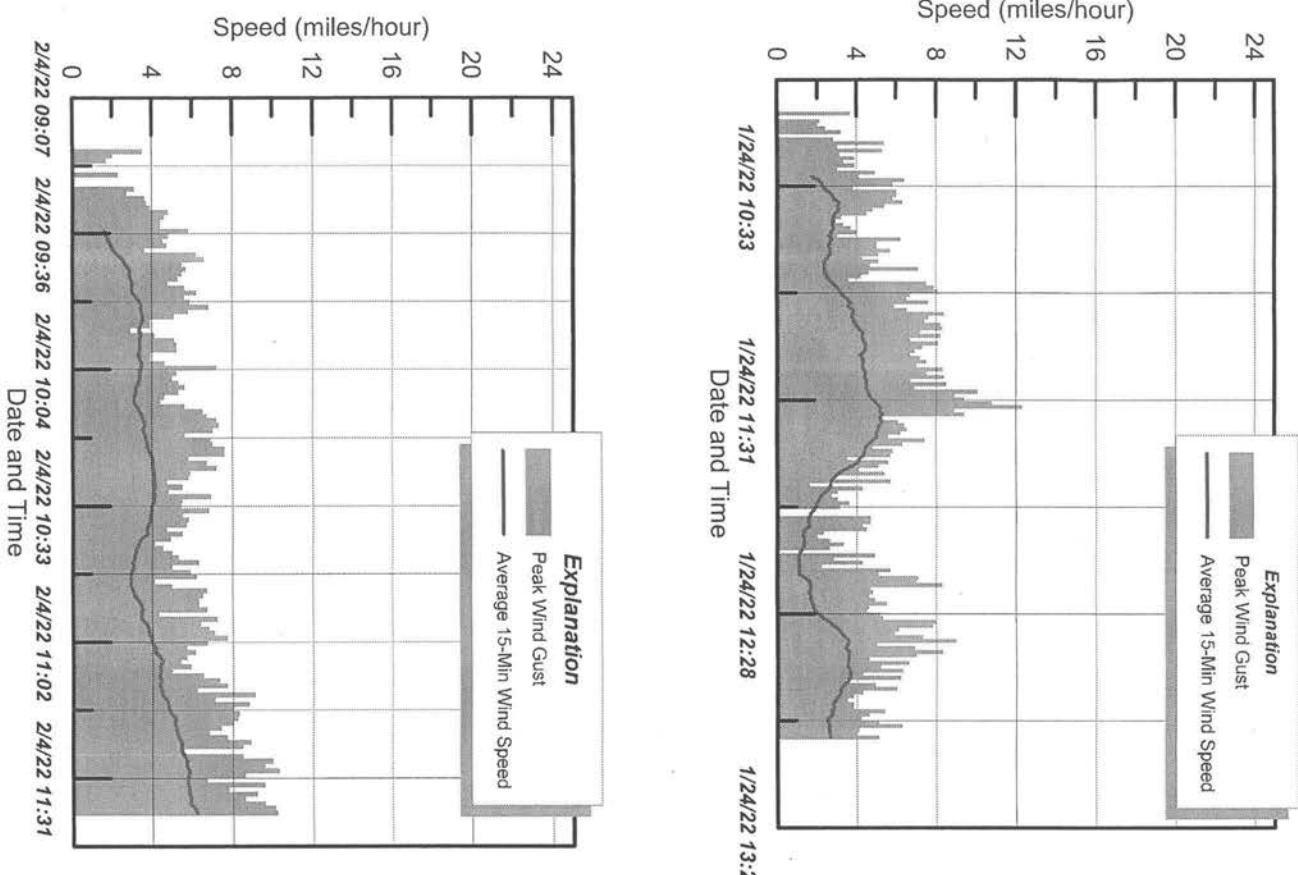
BETWEEN 200-499 PPMV

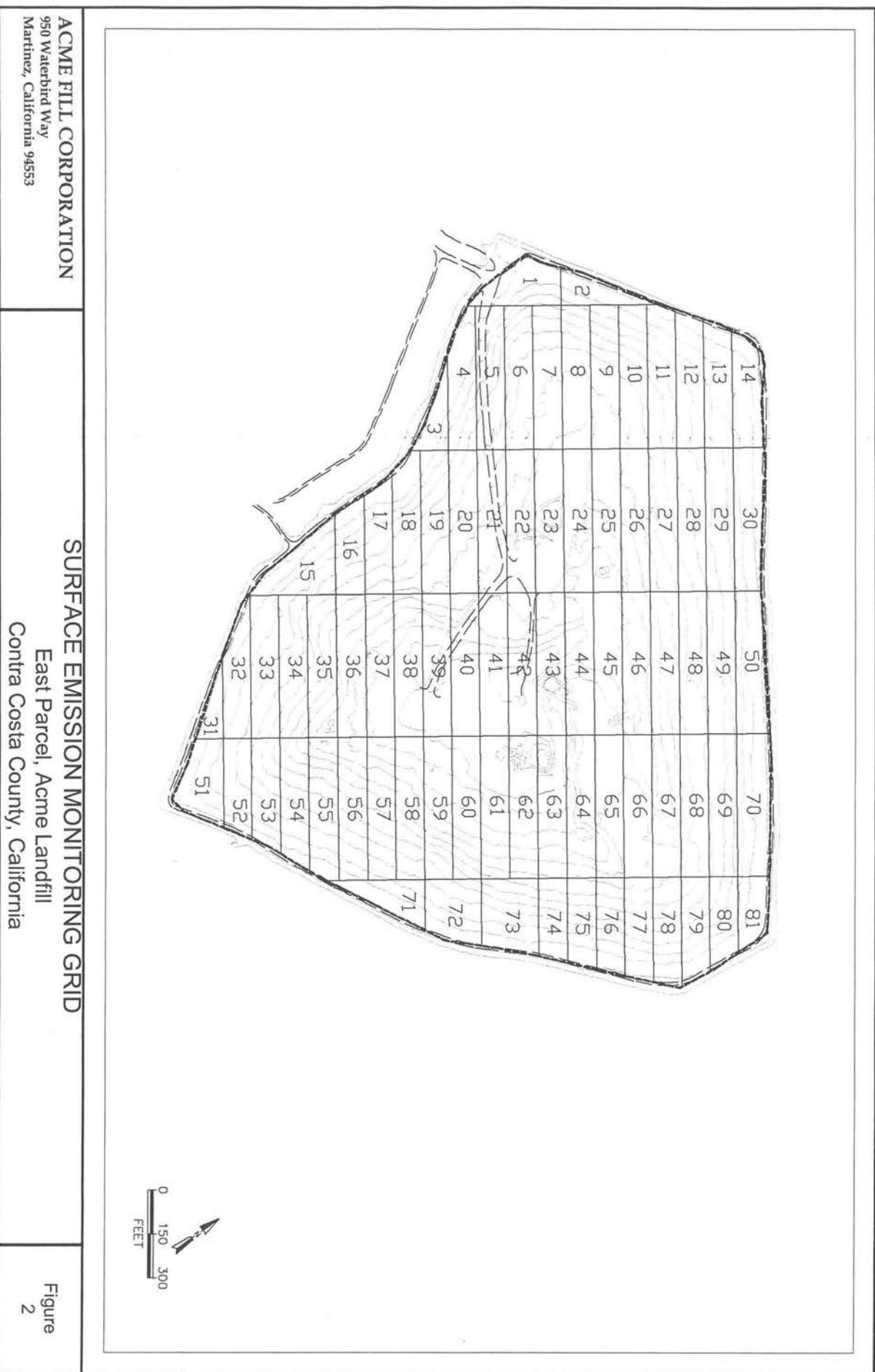
Table 2

FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmv)	NO instantaneous readings were recorded >200

INITIAL INTEGRATED MONITORING RESULTS				
1Q2022 Acme North Landfill ≥ 500 PPmV				
FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmV)	NO instantaneous readings were recorded ≥ 500 ppmV

Table 3





INITIAL INTEGRATED MONITORING RESULTS
Table 1

FILE NAME	GRID NO.	DATE	INTEGRATED METHANE CONCENTRATION PPMMV
MONITOR_ae_GRID_1_2022_Q1_Initial.csv	1	2/8/2022	0.4
MONITOR_ae_GRID_2_2022_Q1_Initial.csv	2	2/8/2022	0.1
MONITOR_ae_GRID_3_2022_Q1_Initial.csv	3	2/8/2022	0.8
MONITOR_ae_GRID_4_2022_Q1_Initial.csv	4	2/8/2022	0.1
MONITOR_ae_GRID_5_2022_Q1_Initial.csv	5	2/8/2022	0.2
MONITOR_ae_GRID_6_2022_Q1_Initial.csv	6	2/8/2022	0.2
MONITOR_ae_GRID_7_2022_Q1_Initial.csv	7	2/8/2022	0.3
MONITOR_ae_GRID_8_2022_Q1_Initial.csv	8	2/8/2022	0.2
MONITOR_ae_GRID_9_2022_Q1_Initial.csv	9	2/8/2022	0.3
MONITOR_ae_GRID_10_2022_Q1_Initial.csv	10	2/8/2022	0.1
MONITOR_ae_GRID_11_2022_Q1_Initial.csv	11	2/8/2022	0.3
MONITOR_ae_GRID_12_2022_Q1_Initial.csv	12	2/8/2022	0.1
MONITOR_ae_GRID_13_2022_Q1_Initial.csv	13	2/8/2022	0.2
MONITOR_ae_GRID_14_2022_Q1_Initial.csv	14	2/8/2022	0.2
MONITOR_ae_GRID_15_2022_Q1_Initial.csv	15	2/10/2022	0.2
MONITOR_ae_GRID_16_2022_Q1_Initial.csv	16	2/10/2022	0.2
MONITOR_ae_GRID_17_2022_Q1_Initial.csv	17	2/10/2022	0.1
MONITOR_ae_GRID_18_2022_Q1_Initial.csv	18	2/10/2022	0.4
MONITOR_ae_GRID_19_2022_Q1_Initial.csv	19	2/10/2022	0.2
MONITOR_ae_GRID_20_2022_Q1_Initial.csv	20	2/8/2022	0.2
MONITOR_ae_GRID_21_2022_Q1_Initial.csv	21	2/8/2022	0.1
MONITOR_ae_GRID_22_2022_Q1_Initial.csv	22	2/8/2022	0.5
MONITOR_ae_GRID_23_2022_Q1_Initial.csv	23	2/8/2022	1.0
MONITOR_ae_GRID_24_2022_Q1_Initial.csv	24	2/8/2022	1.9
MONITOR_ae_GRID_25_2022_Q1_Initial.csv	25	2/8/2022	0.2
MONITOR_ae_GRID_26_2022_Q1_Initial.csv	26	2/8/2022	0.2
MONITOR_ae_GRID_27_2022_Q1_Initial.csv	27	2/8/2022	0.2
MONITOR_ae_GRID_28_2022_Q1_Initial.csv	28	2/8/2022	0.2
MONITOR_ae_GRID_29_2022_Q1_Initial.csv	29	2/8/2022	0.2
MONITOR_ae_GRID_30_2022_Q1_Initial.csv	30	2/8/2022	0.1
MONITOR_ae_GRID_31_2022_Q1_Initial.csv	31	2/10/2022	0.1
MONITOR_ae_GRID_32_2022_Q1_Initial.csv	32	2/10/2022	0.1
MONITOR_ae_GRID_33_2022_Q1_Initial.csv	33	2/10/2022	0.3
MONITOR_ae_GRID_34_2022_Q1_Initial.csv	34	2/10/2022	0.1
MONITOR_ae_GRID_35_2022_Q1_Initial.csv	35	2/10/2022	0.3
MONITOR_ae_GRID_36_2022_Q1_Initial.csv	36	2/10/2022	0.4
MONITOR_ae_GRID_37_2022_Q1_Initial.csv	37	2/10/2022	0.9
MONITOR_ae_GRID_38_2022_Q1_Initial.csv	38	2/9/2022	1.8
MONITOR_ae_GRID_39_2022_Q1_Initial.csv	39	2/9/2022	6.1
MONITOR_ae_GRID_40_2022_Q1_Initial.csv	40	2/9/2022	3.2
MONITOR_ae_GRID_41_2022_Q1_Initial.csv	41	2/9/2022	5.1
MONITOR_ae_GRID_42_2022_Q1_Initial.csv	42	2/9/2022	0.5

INITIAL INTEGRATED MONITORING RESULTS

Table 1

FILE NAME	GRID NO.	DATE	INTEGRATED METHANE CONCENTRATION PPMV
MONITOR_ae_GRID_43_2022_Q1_Initial.CSV	43	1.0	0.6
MONITOR_ae_GRID_44_2022_Q1_Initial.CSV	44	2/9/2022	0.5
MONITOR_ae_GRID_45_2022_Q1_Initial.CSV	45	2/9/2022	0.5
MONITOR_ae_GRID_46_2022_Q1_Initial.CSV	46	2/9/2022	0.8
MONITOR_ae_GRID_47_2022_Q1_Initial.CSV	47	2/9/2022	0.6
MONITOR_ae_GRID_48_2022_Q1_Initial.CSV	48	2/9/2022	0.3
MONITOR_ae_GRID_49_2022_Q1_Initial.CSV	49	2/9/2022	0.2
MONITOR_ae_GRID_50_2022_Q1_Initial.CSV	50	2/9/2022	0.3
MONITOR_ae_GRID_51_2022_Q1_Initial.CSV	51	2/10/2022	0.3
MONITOR_ae_GRID_52_2022_Q1_Initial.CSV	52	2/10/2022	0.1
MONITOR_ae_GRID_53_2022_Q1_Initial.CSV	53	2/10/2022	0.1
MONITOR_ae_GRID_54_2022_Q1_Initial.CSV	54	2/10/2022	0.2
MONITOR_ae_GRID_55_2022_Q1_Initial.CSV	55	2/10/2022	0.3
MONITOR_ae_GRID_56_2022_Q1_Initial.CSV	56	2/10/2022	0.1
MONITOR_ae_GRID_57_2022_Q1_Initial.CSV	57	2/10/2022	0.3
MONITOR_ae_GRID_58_2022_Q1_Initial.CSV	58	2/9/2022	0.2
MONITOR_ae_GRID_59_2022_Q1_Initial.CSV	59	2/9/2022	0.3
MONITOR_ae_GRID_60_2022_Q1_Initial.CSV	60	2/9/2022	0.8
MONITOR_ae_GRID_61_2022_Q1_Initial.CSV	61	2/9/2022	2.0
MONITOR_ae_GRID_62_2022_Q1_Initial.CSV	62	2/9/2022	2.5
MONITOR_ae_GRID_63_2022_Q1_Initial.CSV	63	2/9/2022	1.4
MONITOR_ae_GRID_64_2022_Q1_Initial.CSV	64	2/9/2022	0.6
MONITOR_ae_GRID_65_2022_Q1_Initial.CSV	65	2/9/2022	1.4
MONITOR_ae_GRID_66_2022_Q1_Initial.CSV	66	2/9/2022	0.4
MONITOR_ae_GRID_67_2022_Q1_Initial.CSV	67	2/9/2022	0.2
MONITOR_ae_GRID_68_2022_Q1_Initial.CSV	68	2/9/2022	0.6
MONITOR_ae_GRID_69_2022_Q1_Initial.CSV	69	2/9/2022	0.3
MONITOR_ae_GRID_70_2022_Q1_Initial.CSV	70	2/9/2022	1.1
MONITOR_ae_GRID_71_2022_Q1_Initial.CSV	71	2/9/2022	0.2
MONITOR_ae_GRID_72_2022_Q1_Initial.CSV	72	2/9/2022	0.1
MONITOR_ae_GRID_73_2022_Q1_Initial.CSV	73	2/10/2022	0.2
MONITOR_ae_GRID_74_2022_Q1_Initial.CSV	74	2/10/2022	0.8
MONITOR_ae_GRID_75_2022_Q1_Initial.CSV	75	2/10/2022	0.1
MONITOR_ae_GRID_76_2022_Q1_Initial.CSV	76	2/10/2022	0.5
MONITOR_ae_GRID_77_2022_Q1_Initial.CSV	77	2/10/2022	0.2
MONITOR_ae_GRID_78_2022_Q1_Initial.CSV	78	2/10/2022	0.3
MONITOR_ae_GRID_79_2022_Q1_Initial.CSV	79	2/10/2022	0.6
MONITOR_ae_GRID_80_2022_Q1_Initial.CSV	80	2/10/2022	0.2
MONITOR_ae_GRID_81_2022_Q1_Initial.CSV	81	2/10/2022	0.2

INTEGRATED MONITORING RESULTS

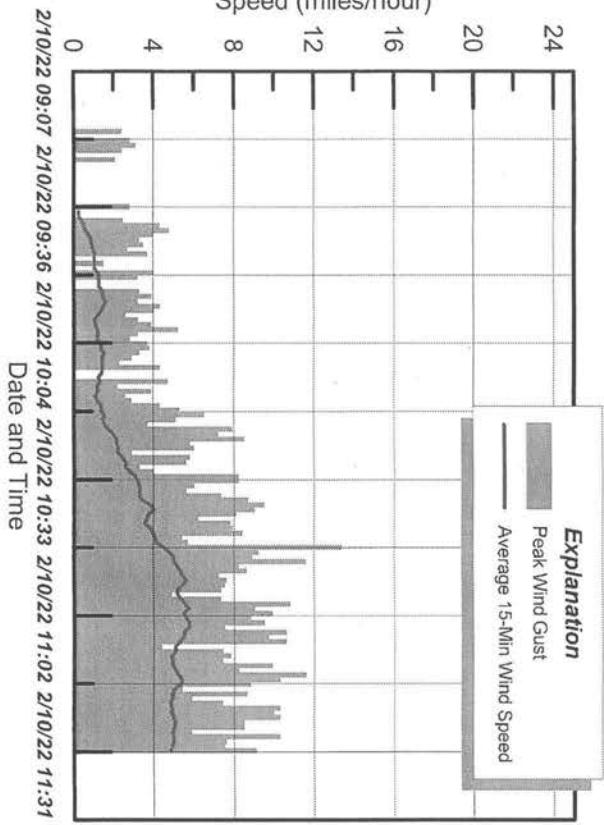
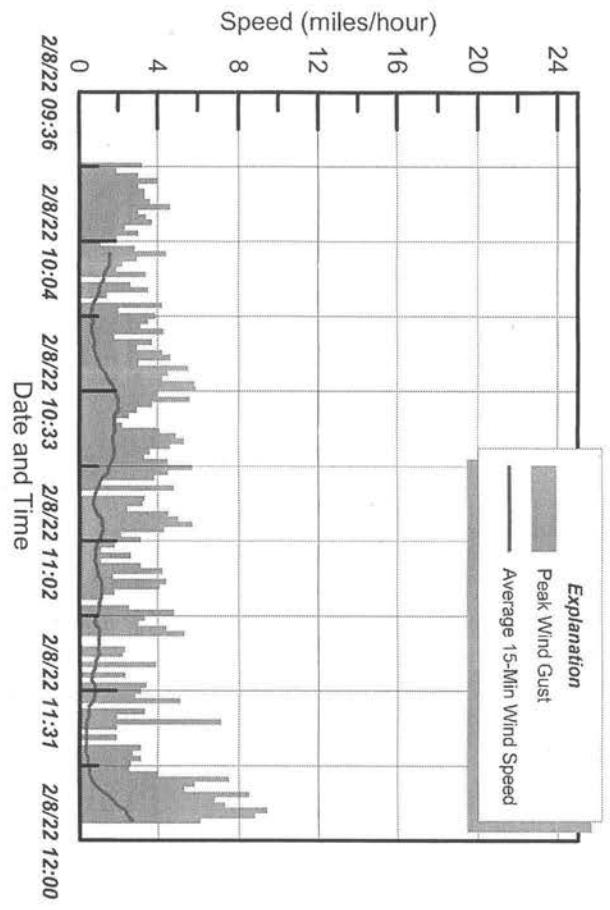
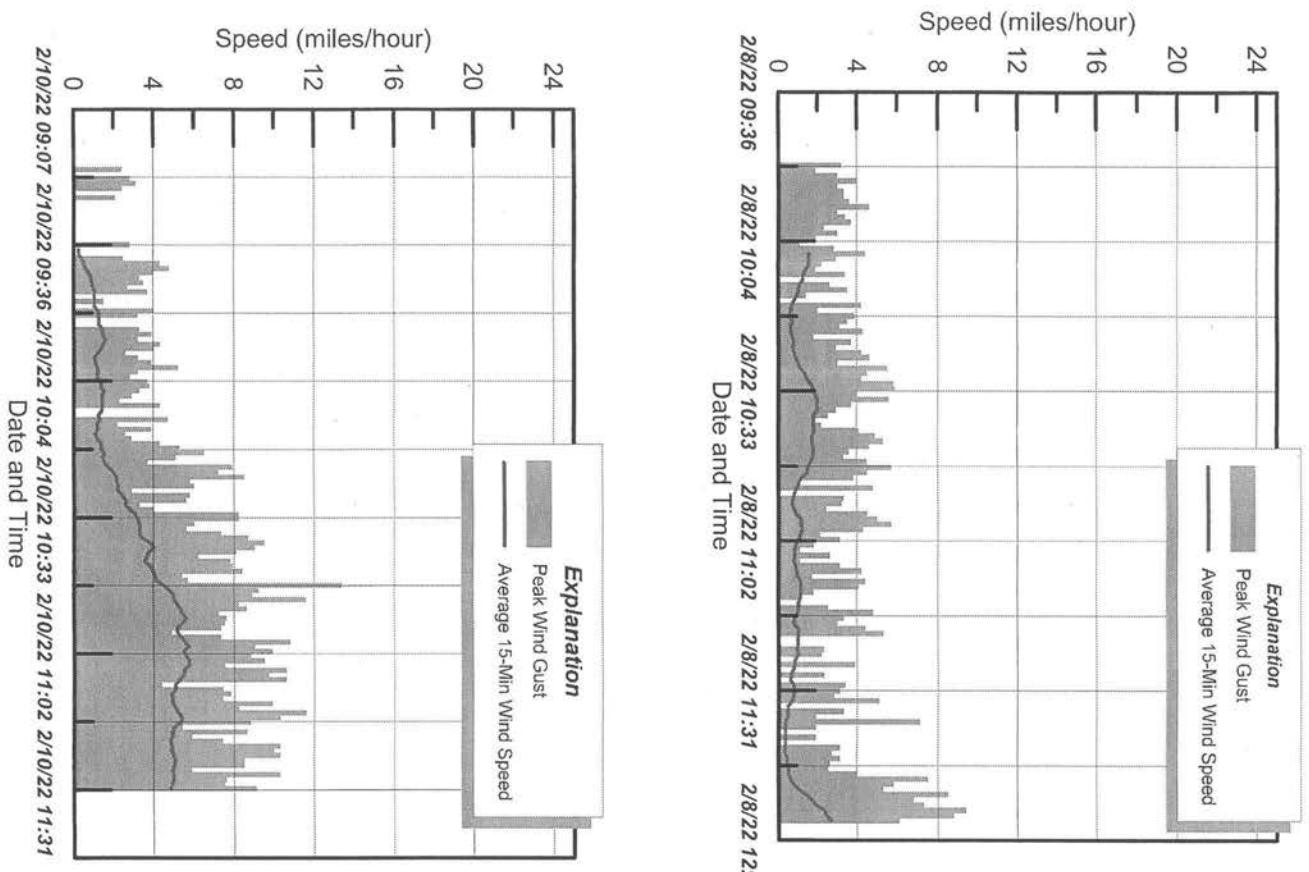
Table 2

1Q2022 Acme East Landfill

BETWEEN 200-499 PPMV

No instantaneous readings were recorded >200				
FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION PPMV	

INITIAL INTEGRATED MONITORING RESULTS			
1Q2022 Acme East Landfill			
$\geq 500 \text{ PPMV}$			
Table 3			
FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmv)
NO instantaneous readings were recorded $\geq 500 \text{ ppmv}$			



INITIAL INTEGRATED RESULTS
Table 1

FILE NAME	GRID NO.	DATE	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_ae_GRID_1_2022_Q2_initial.csv	1	4/5/2022	1.5
MONITOR_ae_GRID_2_2022_Q2_initial.csv	2	4/5/2022	3.4
MONITOR_ae_GRID_3_2022_Q2_initial.csv	3	4/5/2022	0.4
MONITOR_ae_GRID_4_2022_Q2_initial.csv	4	4/5/2022	0.2
MONITOR_ae_GRID_5_2022_Q2_initial.csv	5	4/5/2022	0.4
MONITOR_ae_GRID_6_2022_Q2_initial.csv	6	4/5/2022	1.2
MONITOR_ae_GRID_7_2022_Q2_initial.csv	7	4/5/2022	0.2
MONITOR_ae_GRID_8_2022_Q2_initial.csv	8	4/5/2022	0.4
MONITOR_ae_GRID_9_2022_Q2_initial.csv	9	4/5/2022	1.7
MONITOR_ae_GRID_10_2022_Q2_initial.csv	10	4/5/2022	0.7
MONITOR_ae_GRID_11_2022_Q2_initial.csv	11	4/5/2022	0.4
MONITOR_ae_GRID_12_2022_Q2_initial.csv	12	4/6/2022	0.1
MONITOR_ae_GRID_13_2022_Q2_initial.csv	13	4/6/2022	0.1
MONITOR_ae_GRID_14_2022_Q2_initial.csv	14	4/6/2022	0.1
MONITOR_ae_GRID_15_2022_Q2_initial.csv	15	4/5/2022	0.5
MONITOR_ae_GRID_16_2022_Q2_initial.csv	16	4/5/2022	0.3
MONITOR_ae_GRID_17_2022_Q2_initial.csv	17	4/5/2022	0.2
MONITOR_ae_GRID_18_2022_Q2_initial.csv	18	4/5/2022	0.4
MONITOR_ae_GRID_19_2022_Q2_initial.csv	19	4/5/2022	0.4
MONITOR_ae_GRID_20_2022_Q2_initial.csv	20	4/5/2022	0.7
MONITOR_ae_GRID_21_2022_Q2_initial.csv	21	4/6/2022	0.5
MONITOR_ae_GRID_22_2022_Q2_initial.csv	22	4/6/2022	0.1
MONITOR_ae_GRID_23_2022_Q2_initial.csv	23	4/6/2022	0.4
MONITOR_ae_GRID_24_2022_Q2_initial.csv	24	4/6/2022	0.3
MONITOR_ae_GRID_25_2022_Q2_initial.csv	25	4/6/2022	0.4
MONITOR_ae_GRID_26_2022_Q2_initial.csv	26	4/6/2022	0.2
MONITOR_ae_GRID_27_2022_Q2_initial.csv	27	4/6/2022	1.5
MONITOR_ae_GRID_28_2022_Q2_initial.csv	28	4/6/2022	0.1
MONITOR_ae_GRID_29_2022_Q2_initial.csv	29	4/6/2022	0.1
MONITOR_ae_GRID_30_2022_Q2_initial.csv	30	4/6/2022	8.5
MONITOR_ae_GRID_31_2022_Q2_initial.csv	31	4/8/2022	0.0
MONITOR_ae_GRID_32_2022_Q2_initial.csv	32	4/8/2022	0.0
MONITOR_ae_GRID_33_2022_Q2_initial.csv	33	4/8/2022	0.0
MONITOR_ae_GRID_34_2022_Q2_initial.csv	34	4/8/2022	0.1
MONITOR_ae_GRID_35_2022_Q2_initial.csv	35	4/8/2022	0.2
MONITOR_ae_GRID_36_2022_Q2_initial.csv	36	4/8/2022	0.1
MONITOR_ae_GRID_37_2022_Q2_initial.csv	37	4/8/2022	0.0
MONITOR_ae_GRID_38_2022_Q2_initial.csv	38	4/8/2022	0.1
MONITOR_ae_GRID_39_2022_Q2_initial.csv	39	4/8/2022	0.0
MONITOR_ae_GRID_40_2022_Q2_initial.csv	40	4/8/2022	0.1
MONITOR_ae_GRID_41_2022_Q2_initial.csv	41	4/8/2022	0.0
MONITOR_ae_GRID_42_2022_Q2_initial.csv	42	4/8/2022	0.1
MONITOR_ae_GRID_43_2022_Q2_initial.csv	43	4/8/2022	0.2
MONITOR_ae_GRID_44_2022_Q2_initial.csv	44	4/8/2022	0.1
MONITOR_ae_GRID_45_2022_Q2_initial.csv	45	4/8/2022	0.1
MONITOR_ae_GRID_46_2022_Q2_initial.csv	46	4/8/2022	0.1
MONITOR_ae_GRID_47_2022_Q2_initial.csv	47	4/8/2022	0.0
MONITOR_ae_GRID_48_2022_Q2_initial.csv	48	4/8/2022	0.1
MONITOR_ae_GRID_49_2022_Q2_initial.csv	49	4/8/2022	0.0
MONITOR_ae_GRID_50_2022_Q2_initial.csv	50	4/8/2022	0.4
MONITOR_ae_GRID_51_2022_Q2_initial.csv	51	4/8/2022	0.3
MONITOR_ae_GRID_52_2022_Q2_initial.csv	52	4/8/2022	0.7
MONITOR_ae_GRID_53_2022_Q2_initial.csv	53	4/8/2022	0.7
MONITOR_ae_GRID_54_2022_Q2_initial.csv	54	4/8/2022	0.4
MONITOR_ae_GRID_55_2022_Q2_initial.csv	55	4/8/2022	0.0
MONITOR_ae_GRID_56_2022_Q2_initial.csv	56	4/8/2022	0.0
MONITOR_ae_GRID_57_2022_Q2_initial.csv	57	4/8/2022	0.7
MONITOR_ae_GRID_58_2022_Q2_initial.csv	58	4/8/2022	0.7
MONITOR_ae_GRID_59_2022_Q2_initial.csv	59	4/8/2022	0.3
MONITOR_ae_GRID_60_2022_Q2_initial.csv	60	4/8/2022	0.4
MONITOR_ae_GRID_61_2022_Q2_initial.csv	61	4/8/2022	0.5

INITIAL INTEGRATED RESULTS
2Q2022 Acme East Landfill

Table 1

FILE NAME	GRID NO.	DATE	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_ae_GRID_62_2022_Q2_Initial.csv	62	0.8	
MONITOR_ae_GRID_63_2022_Q2_Initial.csv	63	0.4	
MONITOR_ae_GRID_64_2022_Q2_Initial.csv	64	0.6	
MONITOR_ae_GRID_65_2022_Q2_Initial.csv	65	0.3	
MONITOR_ae_GRID_66_2022_Q2_Initial.csv	66	0.4	
MONITOR_ae_GRID_67_2022_Q2_Initial.csv	67	0.7	
MONITOR_ae_GRID_68_2022_Q2_Initial.csv	68	0.3	
MONITOR_ae_GRID_69_2022_Q2_Initial.csv	69	0.5	
MONITOR_ae_GRID_70_2022_Q2_Initial.csv	70	1.4	
MONITOR_ae_GRID_71_2022_Q2_Initial.csv	71	1.1	
MONITOR_ae_GRID_72_2022_Q2_Initial.csv	72	0.3	
MONITOR_ae_GRID_81_2022_Q2_Initial.csv	81	0.5	

INTEGRATED MONITORING RESULTS

Table 2

2Q2022 Acme East Landfill

BETWEEN 200-499 PPMV

FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION PPMV	No instantaneous readings were recorded >200

INITIAL INTEGRATED MONITORING RESULTS			
2Q2022 Acme East Landfill ≥ 500 PPmV			
Table 3			
NO instantaneous readings were recorded ≥ 500 ppbv			
FILE NAME	DATE	GRID NO.	CONCENTRATION (ppmv)
INTEGRATED METHANE			

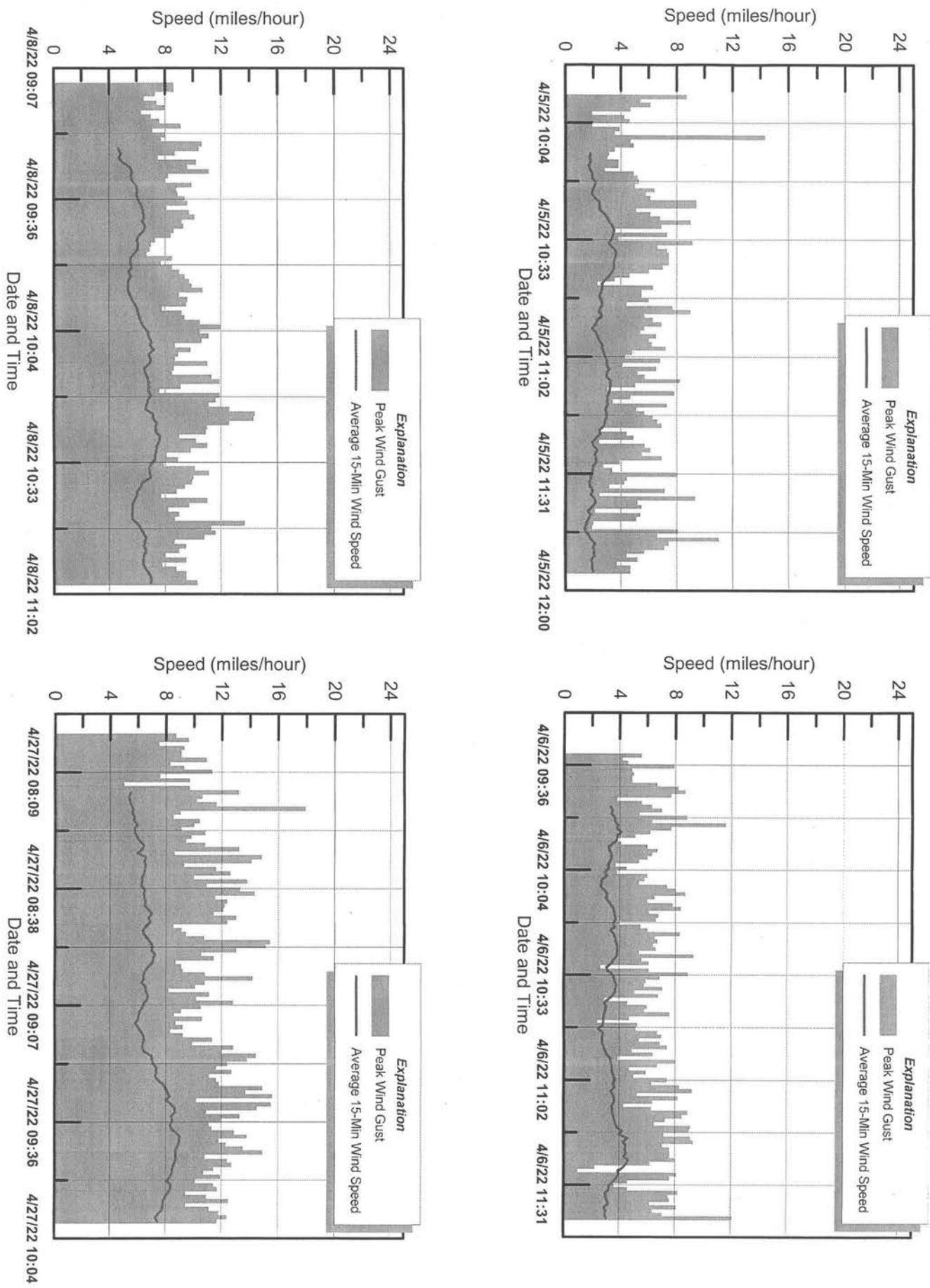


Figure 1
WIND SPEED DURING MONITORING
Acme Landfill East Parcel Second Q
2022

Appendix G

Leachate Treatment Plant Flow Data

Table D-1

Operations Monitoring Data Summary - January 2022

Acme Fill Corporation Leachate Treatment Plant

Table D-1 (continued)

Operations Monitoring Data Summary - January 2022
Acme Fill Corporation Leachate Treatment Plant

	AERATION BASIN # 2										RAS			EFFLUENT			EAST PARCEL		INVENTORY	
	NH ₃	DO	TSS	NO ₃	pH	TSS	NH ₃	TURBIDITY	NO ₃	NO ₂	pH	GPD	Core TSS (lbs)	Total Solids (lbs)						
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	24,490	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	24,300	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	24,500	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	20,430	0	0	#VALUE!	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	28,530	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	24,480	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	24,490	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	24,480	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	24,480	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	24,500	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	26,250	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	22,710	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	24,500	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	27,250	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	26,850	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	26,840	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	26,840	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	26,840	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	27,100	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	27,380	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	27,490	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	27,540	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	27,490	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	27,500	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	27,490	0	0	0	0	0		
1.2	0.90	10,200	-	0	0.00	0	18,780	1.0	-	-	0	0.00	27,480	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	0.0	-	-	-	0	0.00	24,430	0	0	0	0	0		
1.9	0.00	9,630	-	0	0.00	0	19,230	1.0	-	-	0	0.00	0	0	1940	0	0	0		
0.0	0.00	-	-	0	0.00	0	-	0.0	-	-	0	0.00	0	0	0	0	0	0		
0.0	0.00	-	-	0	0.00	0	-	0.0	-	-	0	0.00	0	0	0	0	0	0		
1.0	0.00	10,900	-	0	0.00	0	20,880	1.0	10,031	-	0.6	0.00	0	0	2145	0	0	0		
0	0	991	0	0	0	0	1,900	0	324	0	0	0	22,473	0	0	#VALUE!	0	0		
													696,660							

Table D-1

Operations Monitoring Data Summary - February 2022

Acme Fill Corporation Leachate Treatment Plant

Table D-1 (continued)
Operations Monitoring Data Summary - February 2022

Acme Fill Corporation Leachate Treatment Plant

AERATION BASIN #2	RAS						EFFLUENT						EAST PARCEL		INVENTORY	
	NH ₃	DO	TSS	NO ₃	NO ₂	pH	TSS	NH ₃	TURBIDITY	NO ₃	NO ₂	pH	GPD	Core TSS (lbs)	Total Solids (lbs)	
0.0	0.00	10,330	-	0	0.00	0	20,050	1.0	-	336	0	0.00	0	0	2022	
1.0	0.00	10,520	-	0	0.00	0	21,540	1.0	-	0	0.00	0	6,530	0	2084	
0.0	0.00	9,900	-	0	0.00	0	27,450	0.0	-	0	0.00	0	16,280	0	1951	
0.0	0.00	9,440	-	0	0.00	0	27,420	0.0	-	0	0.00	0	22,500	0	1871	
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	22,560	0	0	
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	22,550	0	0	
0.0	0.00	8,830	-	0	0.00	0	24,530	0.0	-	0	0.00	0	22,540	0	1760	
0.0	0.00	8,860	-	0	0.00	0	24,960	0.0	-	0	0.00	0	18,360	0	1778	
0.0	0.00	9,010	-	0	0.00	0	18,300	1.0	-	0	0.00	0	8,900	0	1732	
1.0	0.00	9,260	-	0	0.00	0	27,370	0.0	-	0	0.00	0	13,000	0	1836	
0.0	0.00	9,100	-	0	0.00	0	23,790	1.0	-	0	0.00	0	12,070	0	1802	
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	12,100	0	0	
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	12,120	0	0	
1.0	0.00	9,520	-	0	0.00	0	25,080	0.0	-	0	0.00	0	12,110	0	1864	
1.0	0.00	9,040	-	0	0.00	0	-	0.0	-	0	0.00	0	12,110	0	1776	
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	4,190	0	0	
1.0	0.00	9,080	-	0	0.00	0	18,680	0.0	-	0	0.00	0	8,120	0	1827	
0.0	0.00	8,960	-	0	0.00	0	18,660	0.0	-	0	0.00	0	12,540	0	1784	
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	14,230	0	0	
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	14,250	0	0	
0.0	0.00	10,120	-	0	0.00	0	18,500	0.0	-	0	0.00	0	14,260	0	2024	
0.0	0.00	10,290	-	0	0.00	0	17,390	0.0	-	0	0.00	0	14,270	0	2024	
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	14,290	0	0	
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	14,250	0	0	
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	14,300	0	0	
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	14,250	0	0	
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	14,260	0	0	
0.0	0.00	9,710	-	0	0.00	0	20,040	0.0	-	0	0.00	0	14,260	0	1969	
0	0	5,428	0	0	0	0	11,920	0	0	12	0	0	13,614	0	1,075	
													381,200			

Table D-1

Operations Monitoring Data Summary - March 2022
Acme Fill Corporation Leachate Treatment Plant

Table D-1 (continued)

Operations Monitoring Data Summary - March 2022

Acme Fill Corporation Leachate Treatment Plant

AERATION BASIN #2										RAS				EFFLUENT				EAST PARCEL		INVENTORY	
NH ₃	DO	TSS	NO ₃	pH	Settability 60 min				NH ₃	TURBIDITY	NO ₃	pH	GPD		Total Solids (lbs)						
					TSS	NO ₂	Settability 60 min									Core TSS	Clarifilter Solids				
-	0.00	9,710	-	0	0.00	0	15,040	0.0	-	0	0.00	0	13,900	0	1969	0					
0.0	0.00	9,650	-	0	0.00	0	14,380	0.0	-	0	0.00	0	6,460	0	1914	0					
0.0	0.00	9,630	-	0	0.00	0	15,060	0.0	-	0	0.00	0	7,000	0	1943	0					
0.0	0.00	9,100	-	0	0.00	0	15,170	0.0	-	0	0.00	0	8,510	0	1815	0					
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	8,540	0	0	0					
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	8,550	0	0	0					
0.0	0.00	8,810	-	0	0.00	0	14,820	0.0	-	0	0.00	0	8,540	0	1757	0					
0.0	0.00	8,440	-	0	0.00	0	14,430	0.0	-	0	0.00	0	8,540	0	1680	0					
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	8,540	0	0	0					
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	8,550	0	0	0					
0.0	0.00	8,490	-	0	0.00	0	14,480	0.0	-	0	0.00	0	8,540	0	1692	0					
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	8,540	0	0	0					
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	8,540	0	0	0					
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	8,540	0	0	0					
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	8,540	0	0	0					
0.0	0.00	7,800	-	0	0.00	0	15,280	0.0	-	0	0.00	0	8,540	0	1546	0					
0.0	0.00	7,920	-	0	0.00	0	13,860	0.0	-	0	0.00	0	8,540	0	1566	0					
0.0	0.00	7,510	-	0	0.00	0	14,900	0.0	-	0	0.00	0	7,640	0	1504	0					
0.0	0.00	7,490	-	0	0.00	0	16,830	0.0	-	0	0.00	0	9,450	0	1496	0					
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	8,530	0	0	0					
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	8,540	0	0	0					
0.0	0.00	7,350	-	0	0.00	0	17,360	0.0	-	0	0.00	0	8,540	0	1460	0					
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	8,530	0	0	0					
0.0	0.00	7,430	-	0	0.00	0	20,790	0.0	-	0	0.00	0	8,540	0	1490	0					
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	8,540	0	0	0					
0.0	0.00	6,920	-	0	0.00	0	18,540	0.0	-	0	0.00	0	8,540	0	1362	0					
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	8,540	0	0	0					
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	8,530	0	0	0					
0.0	0.00	6,100	-	0	0.00	0	17,610	0.0	-	0	0.00	0	8,560	0	1198	0					
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	8,550	0	0	0					
0.0	0.00	5,770	-	0	0.00	0	13,220	0.0	-	0	0.00	0	8,550	0	1164	0					
0.0	0.00	-	-	0	0.00	0	-	0.0	-	0	0.00	0	8,560	0	0	0					
0	0	4,133	0	0	0	0	8,122	0	0	0	0	0	8,586	0	824	266,160					

Table D-1

Operations Monitoring Data Summary - April 2022

Acme Fill Corporation Leachate Treatment Plant

Table D-1 (continued)

Operations Monitoring Data Summary - April 2022
Acme Fill Corporation Leachate Treatment Plant

NH ₃	AERATION BASIN #2				RAS				EFFLUENT				EAST PARCEL		INVENTORY	
	DO	TSS	NO ₃	pH	TSS	NO ₃	NH ₃	TURBIDITY	NO ₃	NO ₂	pH	GPD	Clarifier Core TSS (lbs)	Total Solids (lbs)		
1.0	0.00	5,320	-	0	0.00	0	0	0.0	-	0	0.00	8,540	0	1217		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	9,020	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	9,260	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	9,260	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	9,250	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	9,250	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	9,250	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	9,240	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	9,250	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	9,240	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	9,240	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	9,260	0	0		
1.0	0.00	5,710	-	0	0.00	0	0	0.0	-	0	0.00	9,260	0	1105		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	9,250	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	8,930	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	8,750	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	8,760	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	8,750	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	8,750	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	8,760	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	8,740	0	1354		
0.0	0.00	6,920	-	0	0.00	0	0	0.0	-	0	0.00	8,760	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	8,750	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	8,760	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	8,750	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	7,130	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	7,090	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	7,100	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	7,120	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	0	0.00	7,110	0	0		
0	0	598	0	0	0	0	1,336	0	0	0	0	8,686	0	123		
													266,580			

Table D-1

Operations Monitoring Data Summary - May 2022

Acme Fill Corporation Leachate Treatment Plant

Table D-1 (continued)

Operations Monitoring Data Summary - May 2022

Acme Fill Corporation Leachate Treatment Plant

	AERATION BASIN # 2						RAS			EFFLUENT			EAST PARCEL			INVENTORY	
	NH ₃	DO	TSS	NO ₃	NO ₂	pH	TSS	NH ₃	TURBIDITY	NO ₃	NO ₂	pH	GPD	Core TSS (lbs)	Total Solids (lbs)		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	6,720	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,480	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,110	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,100	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,110	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,110	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,110	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,110	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,110	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,120	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,110	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,100	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,200	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,020	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	1344	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,110	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,100	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,100	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,400	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,370	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,240	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,230	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,250	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,230	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,230	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,260	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,220	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,250	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,250	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,240	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,250	0	0		
0.0	0.00	-	-	0	0.00	0	0	0.0	-	-	0	0.00	7,240	0	0		
0	0	689	0	0	0	0	1,387	0	0	0	0	0	215,350	0	134		

Table D-1

Operations Monitoring Data Summary - June 2022

Acme Fill Corporation Leachate Treatment Plant

Table D-1 (continued)

Operations Monitoring Data Summary - June 2022
Acme Fill Corporation Leachate Treatment Plant

NH ₃	DO	TSS	NO ₃	NO ₂	pH	TSS 60 min Settability	NH ₃	TURBIDITY	NO ₃	NO ₂	pH	GPD	EAST PARCEL	INVENTORY
-	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,240	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,240	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,210	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,280	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,240	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,240	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,240	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,210	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,270	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,240	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,200	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,270	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,240	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,250	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,240	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,240	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,240	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,230	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,270	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,240	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,240	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,220	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	7,250	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	6,100	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	6,830	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	6,810	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	6,810	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	4,780	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	6,650	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	6,660	0	0
0.0	0.00	-	-	0	0.00	0	0.0	-	-	0	0.00	6,710	0	0
0	0	0	0	0	0	0	0	0	0	0	0	7,022	0	0
0	0	0	0	0	0	0	0	0	0	0	0	210,650		