EXHIBIT B - 2

Air Science Technologies, Inc.

247 Rodeo Avenue
Rodeo, CA 94572

2022 SOURCE TEST REPORT

Source Test of a Landfill Gas Flare

North County Sanitary Landfill
Lodi, CA 95240

Permit To Operate: N-1119-1-11

Date of Test: April 26, 2022

Date of Report: May 24, 2022

Prepared for:

County of San Joaquin Public Works Department
1810 E Hazelton Avenue
Stockton, CA 95205

Prepared by

Air Science Technologies Inc.
247 Rodeo Avenue
Rodeo, CA 94572

For Submittal to:

San Joaquin Valley Air Pollution Control District
4800 Enterprise Way
Modesto, CA 95356

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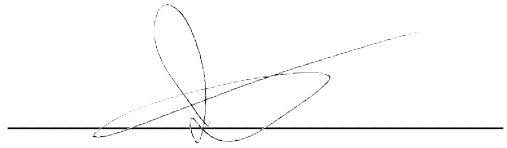
The material and data in this report was reviewed by the undersigned who certify to the best of their knowledge that the information is complete and accurate.



Jonathan Strickland, MPH
Project Manager
Air Science Technologies, Inc.

Source Test Information

Facility Name:	North County Sanitary Landfill 17720 E. Harney Lane Lodi, CA 95240
Source:	Enclosed Landfill Gas Flare
Permit Unit:	N-1119-1-11
Facility Contact:	Mr. Joyesh Chandra (209) 468-3066
Source Description:	Perennial enclosed gas flare rated at 24.4 MMBtu/hr heat input
Test Date:	April 26, 2022
Purpose of Test:	Permit To Operate requirements
Test Parameters:	VOC, NO_x, CO, SOx and O_2
Emission Limits:	VOC: 20 ppmv@3% O_2 as hexane NOx: 0.06 lb/MMBtu CO: 0.09 lb/MMBtu SOx: 0.03 lb/MMBtu
Test Results:	VOC: <0.24 ppmvd@3% O_2 as hexane NOx: 0.053 lb/MMBtu CO: 0.019 lb/MMBtu SOx: <0.001 lb/MMBtu
Test Company:	Air Science Technologies, Inc. 247 Rodeo Avenue Rodeo, CA 94572
Test Contact:	Jonathan Strickland (510) 799-4638
Regulatory Agency:	San Joaquin Valley Air Pollution Control District 4800 Enterprise Way Modesto, CA 95356

Acronyms

USEPA = United States Environmental Protection Agency
SJVAPCD =San Joaquin Valley Air Pollution Control District
CEMS = Continuous Emission Monitoring System
PTO = Permit To Operate
CO_2 = Carbon Dioxide
O_2 = Oxygen
CO = Carbon Monoxide
NO_x = Oxides of Nitrogen
SOx = Oxides of Sulfur
VOC = Volatile Non Methane/Ethane Organic Compounds
POC = Precursor Organic Compounds
THC = Total Hydrocarbons
NH_3 = Ammonia
PM = Particulate Matter
% = percent
%v/vd = percent volume per volume, dry basis
ppmvd = parts per million per volume, dry basis
ppmvd @ 3% O_2 = parts per million per volume, dry basis corrected to 3 percent Oxygen
lb/MMBtu = pounds per million British thermal units
MMBtu/hr = Million British thermal units per hour
MMBtu/day = Million British thermal units per day
gr/dscf = grains per dry standard cubic foot
lb/hr = pounds per hour
lb/day pounds per 24 hour day
tons/yr = tons per year
gm/bhp-hr = grams per brake horsepower hour
Kw = Kilowatts
Bhp = brake horsepower
dscfm = dry standard cubic feet per minute
acfm = actual cubic feet per minute
fps = feet per minute
°F = degrees Fahrenheit
NST = Notification of Source Test
NA = Not Applicable

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1.0 Introduction and Summary of Results

On April 26th, 2022, Air Science Technologies, Inc. (AST) performed a compliance source test on the Landfill Gas (LFG) flare located at the County of San Joaquin Public Works Department (County), North County Sanitary Landfill in Lodi, California.

The purpose of the source test was to demonstrate compliance with SJVAPCD Permit to Operate requirements. The purpose of the source test was to determine concentrations of VOCs, CO, NOx and SOx at the flare exhaust. In addition, O_2 was measured concurrent with each run. VOCs are defined as Non-Methane Volatile Organic Compounds. A sample of the LFG was collected during the test for analyses. The flare was tested while fired on LFG with the flare operating under typical conditions. SOx concentrations were calculated based on the LFG inlet H_2S concentration.

The test protocol was submitted to the SJVAPCD on March 23rd, 2022 by the County. Jonathan Strickland and Daniel Ceja of AST performed the test. Mr. Joyesh Chandra of the County coordinated the test. No representative of the SJVAPCD was present to witness the test.

Test Results are located in Appendix A. Calibration Drift and Bias Calculations are located in Appendix B. Test Data is located in Appendix C. Strip Chart Recording is presented in Appendix D. Certificates of Analysis of the Calibration Gases are located in Appendix E. Analytical Laboratory Report is located in Appendix F. Flare Process Condition Data is in Appendix G. The Test Protocol and SJVAPCD approval letter is located in Appendix H. The NOx Converter test is located in Appendix I.

Table 1 summarizes the Average Test Results compared to the permit limits.

Table 1
Average Test Results

Parameter	Permit Limit	Average
VOC, ppmvd @3% O_2[1]	20	**<0.24**
VOC lb/day	71.3	**<0.72**
NO_x, lb/MMBtu	0.06	**0.053**
CO, lb/MMBtu	0.09	**0.019**
SOx, lb/MMBtu	0.03	**<0.001**

[1] = VOC reported as hexane
The flare passed at average flow rate and temp

2.0 Test Methods and Procedures

Triplicate 30-minute runs were performed for VOC, NOx, CO and SOx according to USEPA test methods as identified in the source test protocol. One sample of the LFG was collected for analysis. SOx concentrations were calculated based on the LFG inlet H_2S concentration. All required error analyses were performed per each test method.

VOC concentrations were measured as Methane and reported as Hexane. The concentrations of VOC are reported in units of ppmv@3% O_2. The concentrations of NO_x, CO and SO_x are reported in units of lb/MMBtu. The outlet volumetric flow rate was calculated according to USEPA Method 19.

The average flare operating temperature was 1520 F° with an average LFG flow rate of 633 scfm. The LFG flow rate and temperature were continuously recorded on the County's Yokogawa DR240 Analog Strip Chart Data Acquisition and Recorder.

Table 2 presents the LFG Fuel Analysis. Table 3 presents the Test Results.

Table 2
LFG Fuel Analysis

Test Parameter	Result
Heat Input, MMBtu/day	**492.2**
O_2,%	**0.71**
CO_2, %	**37.82**
N_2,%	**8.78**
Methane, %	**52.55**
VOC, ppmvd as methane	**3871**

2.1 Volatile Organic Compounds

USEPA Method 18 was used to determine the concentration of VOC. Samples were collected in 6-liter Summa canisters evacuated to a vacuum of 30 inches Mercury (gauge). Samples were then analyzed by gas chromatography/flame ionization detector.

The Summa canisters were used to extract the sample at a constant rate from the source. A stainless steel probe and a Teflon sample line was used to transport the sample to the Summa canister. The probe and sample line were purged with sample prior to each run using a dedicated Summa canister. Vacuum readings were recorded before and after each run.

2.2 LFG Fuel Analysis

Samples of the LFG were collected at the inlet to the flare. The sample line was purged with fuel gas before each sample was taken. The samples were collected concurrent with each sampling run.

2.3 LFG VOC Analyses

Samples of the LFG were collected at the inlet to the flare. The samples were analyzed for VOC using USEPA Method 25C. The sample line was purged with fuel gas before each sample was taken. The samples were collected concurrent with the sampling run.

Table 3
Test Results

Test Parameter	Run 1	Run 2	Run 3	Average
Run Time	10:42-11:12	11:24-11:54	12:06-12:36	—
O_2, %v/vd	13.80	13.61	13.63	**13.68**
NOx, ppmvd	16.39	16.30	16.52	**16.40**
NOx, lb/MMBtu	0.0543	0.0525	0.0535	**0.0534**
CO, ppmvd	11.74	9.64	7.84	**9.74**
CO, lb/MMBtu	0.024	0.019	0.015	**0.019**
SOx, ppmvd	<0.82	<0.01	<0.30	**<0.377**
SOx, lb/MMBtu	<0.002	<0.000	<0.001	**<0.001**
VOC, ppmvd as Hexane	<0.1	<0.1	<0.1	**<0.1**
VOC, ppmvd@3%O2 [1]	<0.2	<0.2	<0.2	**<0.24**
VOC, lb/24hr day	<0.8	<0.7	<0.7	**<0.72**
Methane Destruction Efficiency, %				**99.99**
VOC Destruction Efficiency, %				**99.83**
Flare Operating Conditions				
Fuel Flow rate (scfm)	631	633	636	**633**
Flare temperature (°F)	1520	1520	1520	**1520**

3.0 Continuous Emission Monitoring Test Methods and Procedures

AST used a Continuous Emission Monitoring System (CEMS) to measure volume concentrations of the gaseous constituents. The CEMS is housed in ASTs Climate Controlled Mobile Laboratory and measures gases on a dry extractive basis. Instrument output is recorded with a Yokogawa DR240 Hybrid Analog Strip Chart and Data Acquisition Recorder for Windows (DARWIN) system.

Before the start of testing, the sample system was assembled at the site and leak checked. A sample was extracted from the stack under vacuum, particulate matter filtered and the moisture removed prior to the sample pump and sample gas manifold. The sample gas manifold distribution system allows for the introduction of calibration gases to the analyzers directly, as a local calibration through the manifold as well through the sample probe for a bias test. Calibrations were performed on each of the instruments using USEPA Protocol One calibration gases.

A calibration error test and initial bias test was performed at the beginning of the first run. A post bias check was also performed at the end of each run to determine instrument drift and analyzer bias. The bias check uses a zero gas and a mid-level calibration gas. The instrument checks conducted for this source test were within the method criterions of two (2%) percent for linearity, three percent (3%) for drift and five percent (5%) for bias. Final reported values were calculated according to USEPA Method 7E. A valid NO_X converter test was conducted on the NO_X analyzer according to USEPA Method 7E.

Table 4 lists the USEPA Test Methods and Instrument Specifications used in the source test. The Major Components of the CEMS are listed in Table 5.

Table 4
Test Methods and Instrument Specifications

Method	Parameter	Manufacture	Principle of Operation	Operating Range	Detection Limit
USEPA 3A	O_2	California Analytical	Paramagnetic	0-25% v/vd	0.5% v/vd
USEPA 10	CO	Thermo Environmental	Gas Correlation	0-50 ppmvd	1.0 ppmvd
USEPA 7E	NOx	Thermo Environmental	Chemiluminescense	0-50 ppmvd	1.0 ppmvd

Table 5
Major Components of the CEMS

Component	Composition Material	Purpose	Temperature Controlled
Sample Probe	Stainless steel or glass	To extract a sample from the source	Heated or insulated as necessary
Sample Filtration	Stainless steel or glass	Located on the probe, pump, and prior to all of the analyzers to remove particulate matter	Heated or insulated as necessary
Sample Line	Teflon tubing	To connect the probe to the sample conditioner and the sample conditioner to the sample manifold	Heated or insulated as necessary
Sample Conditioner	Stainless steel, glass, or Teflon	To remove the moisture from the sample gas stream	Chilled; electronically or with an ice bath
Vacuum Pump	A leak-free pump with Teflon diaphragm	To transport the sample gas through the system	NA
Sample Manifold	Stainless steel fittings and Teflon tubing	To direct sample gas to the analyzers	NA
Sample Flow Rate Control	Rotameters, gauges and pressure regulators connected to the manifold	A series of flow controllers used to maintain the appropriate sample flow rates	NA
Analyzers	See Table 4	To analyze the stack gas composition of the parameters listed in Table 4	Controlled between 68˚F and 86˚F in mobile lab
DAS analog recorder and PC	Yokogawa DR240 Hybrid Recorder and IBM PC	To record the stack gas composition of the parameters listed in Table 5	NA

Appendix A

Test Results

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Test Results

EMISSION RATE CALCULATION

Facility:	North County Landfill	Temperature Std:	68
Source :	LFG Flare	Pressure Std:	30.02
Test date:	4/26/2022		

Time	10:42-11:12	11:24-11:54	12:06-12:36		Permit
	Run 1	Run 2	Run 3	Avg	Limits
	Operating Parameters				
Flare Temp (F)	1,520	1,520	1,520	1,520	
LFG rate (scfm)	631	633	636	633	
Fuel factor (dscf/mmBtu)	9,422	9,413	9,423	9,419	
	Fuel Gas Parameters				
Oxygen, %	0.27	1.10	0.75	0.71	
Carbon Dioxide, %	39.40	38.00	36.06	37.82	
Nitrogen, %	6.40	8.89	11.05	8.78	
Methane, %	53.80	51.90	51.95	52.55	
VOC, ppmv	3,586	4,302	3,724	3,871	
GHV, Btu/ft^3	546	527	546	540	
GHV, Btu/lb	7,423	7,161	7,419	7,334	
	Flare Emissions				
Oxygen (%)	13.80	13.61	13.63	13.68	
Flowrate (dscfm)	9,555	9,002	9,407	9,322	
Oxides of Nitrogen					
NOx, ppm	16.39	16.30	16.52	16.40	
NOx, lb/MMBtu	0.0543	0.0525	0.0535	0.0534	**0.06**
Carbon Monoxide					
CO, ppm	11.74	9.64	7.84	9.74	
CO, lb/MMBtu	0.024	0.019	0.015	0.019	**0.09**
Sulfur Dioxide					
SO2, ppm	<0.82	<0.01	<0.30	0.377	
SO2, lb/MMBtu	<0.002	<0.000	<0.001	<0.001	**0.03**
Hydrocarbons as methane					
Inlet					
Methane, ppm	538,000	519,000	519,500	525,500	
Methane, lb/hr	846	819	823	829	
VOC, ppm	3,586	4,302	3,724	3,871	
VOC, lb/hr	5.66	6.82	5.88	6.12	
Outlet					
Methane, ppm	3.6	3.3	3.1	3.3	
Methane, lb/hr	0.09	0.07	0.07	0.08	
VOC, ppm	<0.50	<0.50	<0.50	<0.50	
VOC, lb/hr	<0.01	<0.01	<0.01	<0.01	
VOC as hexane					
VOC, ppm	< 0.1	< 0.1	< 0.1	< 0.1	
VOC, ppm corrected to 3% O2	< 0.2	< 0.2	< 0.2	< 0.24	**20**
VOC, lb/hr	< 0.031	< 0.029	< 0.030	< 0.030	
VOC, lb/24 hr day	< 0.8	< 0.7	< 0.7	< 0.72	**71.3**
Efficiency %					
Methane			99.991%		
VOC			99.83%		

Calculations

lb/hr = ppm x MW x Qs x 8.223x10-5 / (Tstd + 460)
ppm corrected @ O2 = ppm measured x [(20.9 - O2% correction) / (20.9% O2 - O2 measured)]
lb/MMBtu = F-factor x MW x [1.3711x10-6 / (Tstd + 460)] x [(20.9 /20.9 -O2%)] x ppm
Efficiency (%) = in (lb/hr)-out (lb/hr)/in (lb/hr) x 100

Note

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Test Results

Stack Gas Flow Rate ---- Fuel Usage

EPA Method 19

Facility North County Landfill
Source LFG Flare
Date 4/26/2022

		10:42-11:12 Run 1	11:24-11:54 Run 2	12:06-12:36 Run 3	Average
Gross Caloric Value (Btu/ft3)	Btu/ft3	546	527	546	540
Stack Oxygen	%	13.80	13.61	13.63	13.68
Fuel factor @ 68 F	DSCF/MMBtu	9,422	9,413	9,423	9,419
Corrected Fuel Rate (SCFM) @ Tstd	SCFM	631	633	636	633
Fuel Flowrate (SCFH) @ Tstd	SCFH	37,860	37,980	38,160	38,000
Million Btu per minute	MMBtu/min	0.345	0.334	0.347	0.342
Heat Input (MMBtu/hr)	MMBtu/hr	20.7	20.0	20.8	20.5
Heat Input (MMBtu/day)	MMBtu/day	496.1	480.4	500.0	492.2
Stack Gas Flow Rate (dscfm)	dscfm	9,555	9,002	9,407	9,322

Calculations

SCFM = CFM * (Tstd + 460) * gas PSIA) / 14.7 / (gas F + 460)
SCFH = SCFM * 60
MMBtu/min = SCFM * Btu/ft3 / 1,000,000
MMBtu/hr = MMBtu/min * 60
DSCFM = Fuel factor * MMBtu/min * (20.9 / (20.9-O2%)) * (Tstd + 460) / 528

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Test Results

Calculations of SO2 Emission

4/26/2022

Parameters	Run 1	Run 2	Run 3	Units
Fuel Input	631	633	636	scfm
Sulfur (as H_2S)	16.200	0.11	5.76	ppmv
R	0.9509	0.9509	0.9509	atm*ft^3/lbmol*R
Fuel Input	1.2568	1.2608	1.2667	lbmol/min
Sulfur Input	2.03599E-05	1.37424E-07	7.29644E-06	lbmol/min
Sulfur Outlet	2.03599E-05	1.37424E-07	7.29644E-06	lbmol/min
SO_2 MW	64.06	64.06	64.06	lb/lbmol
SO_2 Outlet	0.001304255	8.80336E-06	0.00046741	lb/min
SO_2 Outlet	0.078255305	0.000528201	0.028044585	lb/hr
Exhaust Flow rate (dscfm)	9,555	9,002	9,407	dscfm
SO_2 Outlet	0.82	0.01	0.30	ppmv
Heat Input	496.1	480.4	500.0	MMBTU/hr
SO_2	0.0002	0.0000	0.0001	lb/MMBtu

Appendix B

Calibration Drift and Bias Calculations

North County Sanitary
Landfill Flare
Calibration Drift and Bias Calculations

		CO ppm	NOx ppm	O2 %
Date:	4/26/2022			
	Range:	100	100	25
Calibration Gas Information:	High Cylinder ID:	CC86342	CC86342	CC738078
	Concentration:	96.800	96.300	21.170
	Mid Cylinder ID:	DT0016455	DT0016455	DT0036852
	Concentration:	47.400	46.500	10.100
	Mid gas % of span	49.0	48.3	47.7

Linearity Check	Averaging Period		CO ppm	NOx ppm	O2 %
	start	end	Analyzer Output	Analyzer Output	Analyzer Output
Zero Calibration Gas Average	10:18	10:21	0.32	0.01	0.03
High Calibration Gas Average	10:22	10:25	96.97	96.01	21.18
Mid Calibration Gas Average	10:26	10:29	46.97	46.46	10.10
Calibration Error, High, %	Must be < 2%		0.18	-0.30	0.05
Calibration Error, Mid, %	Must be < 2%		-0.44	-0.04	0.00
Calibration Error, Zero, %	Must be < 2%		0.33	0.01	0.14

Run 1	Averaging Period		CO ppm	NOx ppm	O2 %
	start	end	Analyzer Output	Analyzer Output	Analyzer Output
Beginning Zero Gas Average	10:33		0.06	0.01	0.06
Beginning Span Gas Average		10:40	45.58	45.16	10.12
Raw Sample Average	10:42	11:12	11.72	16.12	13.80
Ending Zero Gas Average	11:14		0.81	0.01	0.05
Ending Span Gas Average		11:22	46.42	46.29	10.11
Initial Run Zero Bias, %	Must be < 5%		0.06	0.01	0.28
Initial Run Span Bias, %	Must be < 5%		-1.44	-1.35	0.09
Sampling Run Zero Drift, %	Must be < 3%		0.77	0.00	0.05
Sampling Run Span Drift, %	Must be < 3%		0.87	1.17	0.05
Sampling Run Zero Bias, %	Must be < 5%		0.84	0.01	0.24
Sampling Run Span Bias, %	Must be < 5%		-0.57	-0.18	0.05
Corrected Sample Average			11.74	16.39	13.80

Run 2	Averaging Period		CO ppm	NOx ppm	O2 %
	start	end	Analyzer Output	Analyzer Output	Analyzer Output
Beginning Zero Gas Average	11:14		0.81	0.01	0.05
Beginning Span Gas Average		11:22	46.42	46.29	10.11
Raw Sample Average	11:24	11:54	9.59	16.12	13.60
Ending Zero Gas Average	11:56		-0.68	0.01	0.02
Ending Span Gas Average		12:03	47.42	45.62	10.09
Sampling Run Zero Drift, %	Must be < 3%		1.54	0.00	0.14
Sampling Run Span Drift, %	Must be < 3%		1.03	0.70	0.09
Sampling Run Zero Bias, %	Must be < 5%		-0.70	0.01	0.09
Sampling Run Span Bias, %	Must be < 5%		0.46	-0.87	-0.05
Corrected Sample Average			9.64	16.30	13.61

Run 3	Averaging Period		CO ppm	NOx ppm	O2 %
	start	end	Analyzer Output	Analyzer Output	Analyzer Output
Beginning Zero Gas Average	11:56		-0.68	0.01	0.02
Beginning Span Gas Average		12:03	47.42	45.62	10.09
Raw Sample Average	12:06	12:36	7.43	16.41	13.60
Ending Zero Gas Average	12:38		-0.31	0.01	0.05
Ending Span Gas Average		12:45	47.46	46.72	10.09
Sampling Run Zero Drift, %	Must be < 3%		0.38	0.00	0.14
Sampling Run Span Drift, %	Must be < 3%		0.04	1.14	0.00
Sampling Run Zero Bias, %	Must be < 5%		-0.32	0.01	0.24
Sampling Run Span Bias, %	Must be < 5%		0.51	0.27	-0.05
Corrected Sample Average			7.84	16.52	13.63

Final Corrected Results

	Start	End	CO ppm	NOx ppm	O2 %
Run 1	10:42	11:12	11.74	16.39	13.80
Run 2	11:24	11:54	9.64	16.30	13.61
Run 3	12:06	12:36	7.84	16.52	13.63
Average	--	--	9.74	16.40	13.68

Appendix C

Test Data

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Test Data

DAQ32 Historical Viewer R10.07.01
Start Time
End Time
Sample Rate Sec
Data Count
Group -

Date	Time	CH001 CO	CH003 NOX	CH007 O2
Start Zero				
04/26	10:18:04	1.74	0.10	0.03
04/26	10:18:14	0.93	0.10	0.03
04/26	10:18:24	-0.06	0.00	0.03
04/26	10:18:34	-0.27	0.00	0.03
04/26	10:18:44	0.23	0.00	0.03
04/26	10:18:54	0.94	0.00	0.03
04/26	10:19:04	0.84	0.00	0.03
04/26	10:19:14	-0.06	0.00	0.02
04/26	10:19:24	-0.86	0.00	0.03
04/26	10:19:34	-0.37	0.00	0.03
04/26	10:19:44	0.44	0.00	0.02
04/26	10:19:54	0.84	0.00	0.02
04/26	10:20:04	0.34	0.00	0.02
04/26	10:20:14	-0.46	0.00	0.03
04/26	10:20:24	-0.56	0.00	0.02
04/26	10:20:34	0.14	0.00	0.02
04/26	10:20:44	1.13	0.00	0.02
04/26	10:20:54	0.84	0.00	0.02
Average Zero		**0.32**	**0.01**	**0.03**
04/26	10:21:04	-0.06	0.00	13.88
04/26	10:21:14	0.84	0.00	21.11
04/26	10:21:24	21.72	0.50	21.16
04/26	10:21:34	50.72	3.00	21.17
04/26	10:21:44	76.99	48.09	21.17
04/26	10:21:54	91.39	91.50	21.17
Start High Gas				
04/26	10:22:04	95.48	93.50	21.17
04/26	10:22:14	95.88	95.30	21.18
04/26	10:22:24	96.89	95.70	21.17
04/26	10:22:34	97.88	96.00	21.18
04/26	10:22:44	97.69	96.30	21.18
04/26	10:22:54	97.09	96.20	21.18
04/26	10:23:04	96.39	96.20	21.18
04/26	10:23:14	96.38	96.20	21.18
04/26	10:23:24	97.38	96.20	21.18
04/26	10:23:34	98.18	96.30	21.17
04/26	10:23:44	97.79	96.30	21.17
04/26	10:23:54	96.68	96.20	21.17
04/26	10:24:04	95.99	96.30	21.18
04/26	10:24:14	96.79	96.30	21.17
04/26	10:24:24	97.98	96.30	21.17
04/26	10:24:34	97.88	96.40	21.18
04/26	10:24:44	96.98	96.20	21.17
04/26	10:24:54	96.09	96.20	21.17
Average High Gas		**96.97**	**96.01**	**21.18**
04/26	10:25:04	96.48	96.20	20.21
04/26	10:25:14	96.49	96.10	9.83
04/26	10:25:24	85.59	94.90	10.06
04/26	10:25:34	70.60	92.49	10.08
04/26	10:25:44	57.31	69.40	10.12
04/26	10:25:54	50.11	47.30	10.10
Start Mid Gas				
04/26	10:26:04	47.31	46.99	10.10
04/26	10:26:14	47.62	46.39	10.11
04/26	10:26:24	47.71	46.50	10.10
04/26	10:26:34	46.82	46.39	10.11
04/26	10:26:44	46.21	46.49	10.10
04/26	10:26:54	46.41	46.50	10.10
04/26	10:27:04	47.22	46.50	10.10
04/26	10:27:14	47.92	46.50	10.09
04/26	10:27:24	47.11	46.49	10.10
04/26	10:27:34	46.41	46.49	10.12
04/26	10:27:44	46.21	46.39	10.10
04/26	10:27:54	46.91	46.39	10.10

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Test Data

Date	Time	CH001 CO	CH003 NOX	CH007 O2
04/26	10:28:04	47.51	46.39	10.10
04/26	10:28:14	47.41	46.39	10.11
04/26	10:28:24	46.71	46.39	10.11
04/26	10:28:34	46.22	46.39	10.10
04/26	10:28:44	46.40	46.39	10.09
04/26	10:28:54	47.31	46.39	10.09
Average Mid Gas		**46.97**	**46.46**	**10.10**
04/26	10:29:04	47.62	46.39	11.82
04/26	10:29:14	46.61	46.49	14.52
04/26	10:29:24	39.32	45.79	14.17
04/26	10:29:34	30.02	44.49	13.62
04/26	10:29:44	24.03	29.71	12.41
04/26	10:29:54	22.32	15.50	13.49
04/26	10:30:04	20.43	12.69	13.69
04/26	10:30:14	17.53	10.20	13.94
04/26	10:30:24	14.43	13.10	14.32
04/26	10:30:34	13.63	16.10	14.06
04/26	10:30:44	13.33	15.79	13.63
04/26	10:30:54	12.44	15.50	13.44
04/26	10:31:04	10.63	16.00	13.20
04/26	10:31:14	10.33	16.40	9.96
04/26	10:31:24	9.73	16.80	10.09
04/26	10:31:34	9.73	17.19	10.09
04/26	10:31:44	10.23	17.39	10.12
04/26	10:31:54	8.34	17.60	10.11
04/26	10:32:04	4.84	12.50	10.12
04/26	10:32:14	2.03	6.90	10.11
04/26	10:32:24	0.75	3.31	10.13
04/26	10:32:34	0.94	0.10	10.10
04/26	10:32:44	0.94	0.10	10.10
04/26	10:32:54	0.14	0.10	10.11
Start Bias				
04/26	10:33:04	-0.56	0.10	10.11
04/26	10:33:14	-0.66	0.10	10.12
04/26	10:33:24	0.24	-0.01	10.10
04/26	10:33:34	1.04	0.00	10.11
04/26	10:33:44	0.63	0.00	10.11
04/26	10:33:54	0.04	0.00	10.13
04/26	10:34:04	-0.66	0.00	10.11
04/26	10:34:14	-0.36	0.00	10.13
04/26	10:34:24	0.34	0.00	10.13
04/26	10:34:34	0.84	0.00	10.12
04/26	10:34:44	0.43	0.00	10.12
04/26	10:34:54	-0.36	0.00	10.10
04/26	10:35:04	-0.76	0.00	10.11
04/26	10:35:14	-0.17	0.00	10.12
04/26	10:35:24	0.53	0.00	10.12
04/26	10:35:34	0.84	-0.01	10.12
04/26	10:35:44	0.23	0.00	10.10
04/26	10:35:54	-0.47	0.00	10.12
Average Bias		**0.06**	**0.01**	**10.12**
04/26	10:36:04	-0.56	0.00	2.18
04/26	10:36:14	0.05	0.01	0.13
04/26	10:36:24	0.75	0.00	0.04
04/26	10:36:34	0.53	0.10	0.02
04/26	10:36:44	5.13	0.19	0.06
04/26	10:36:54	18.03	1.09	0.06
Start Bias				
04/26	10:37:04	32.03	23.60	0.06
04/26	10:37:14	42.51	45.39	0.06
04/26	10:37:24	46.42	46.01	0.06
04/26	10:37:34	46.51	46.39	0.07
04/26	10:37:44	46.01	46.50	0.06
04/26	10:37:54	46.02	46.50	0.06
04/26	10:38:04	47.01	46.49	0.06
04/26	10:38:14	47.41	46.49	0.06
04/26	10:38:24	47.11	46.60	0.05
04/26	10:38:34	46.22	46.60	0.05
04/26	10:38:44	45.82	46.59	0.05
04/26	10:38:54	46.51	46.50	0.05
04/26	10:39:04	47.42	46.60	0.06

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Test Data

Date	Time	CH001 CO	CH003 NOX	CH007 O2
04/26	10:39:14	47.42	46.60	0.05
04/26	10:39:24	46.91	46.59	0.06
04/26	10:39:34	46.11	46.49	0.05
04/26	10:39:44	46.11	46.50	0.05
04/26	10:39:54	46.91	46.50	0.05
Average Bias		**45.58**	**45.16**	**0.06**
04/26	10:40:04	47.62	46.50	8.22
04/26	10:40:14	46.93	46.50	14.28
04/26	10:40:24	45.52	46.40	13.84
04/26	10:40:34	40.11	46.29	13.33
04/26	10:40:44	30.21	35.89	13.28
04/26	10:40:54	21.33	24.80	13.83
04/26	10:41:04	15.53	20.21	13.16
04/26	10:41:14	11.54	16.21	13.11
04/26	10:41:24	8.64	17.01	13.30
04/26	10:41:34	7.84	18.01	13.57
04/26	10:41:44	8.64	18.40	14.30
04/26	10:41:54	10.24	18.79	14.64
Start Run 1				
04/26	10:42:04	11.93	17.80	14.50
04/26	10:42:14	13.02	16.79	14.79
04/26	10:42:24	13.34	16.00	14.24
04/26	10:42:34	13.82	15.19	13.94
04/26	10:42:44	13.93	15.20	13.96
04/26	10:42:54	13.03	15.30	13.89
04/26	10:43:04	12.03	16.09	14.13
04/26	10:43:14	11.05	16.80	14.60
04/26	10:43:24	12.13	16.69	14.08
04/26	10:43:34	14.24	16.50	14.07
04/26	10:43:44	14.73	16.10	14.70
04/26	10:43:54	14.62	15.69	14.82
04/26	10:44:04	14.62	15.50	14.43
04/26	10:44:14	15.13	15.30	14.65
04/26	10:44:24	15.92	15.20	14.45
04/26	10:44:34	15.32	15.19	14.80
04/26	10:44:44	14.03	15.20	15.30
04/26	10:44:54	13.03	15.30	14.50
04/26	10:45:04	12.63	14.30	14.59
04/26	10:45:14	13.03	13.29	15.33
04/26	10:45:24	13.33	14.19	15.21
04/26	10:45:34	13.33	15.09	13.71
04/26	10:45:44	12.94	13.70	14.06
04/26	10:45:54	12.14	12.31	14.77
04/26	10:46:04	12.54	14.19	13.85
04/26	10:46:14	13.72	15.99	13.17
04/26	10:46:24	14.13	15.19	12.22
04/26	10:46:34	11.83	14.60	12.49
04/26	10:46:44	8.13	16.90	13.71
04/26	10:46:54	7.03	19.20	14.30
04/26	10:47:04	8.53	18.50	13.64
04/26	10:47:14	10.44	17.50	12.14
04/26	10:47:24	9.83	16.09	12.09
04/26	10:47:34	7.04	14.89	13.09
04/26	10:47:44	5.13	17.60	14.02
04/26	10:47:54	6.94	20.10	14.27
04/26	10:48:04	11.23	17.99	14.34
04/26	10:48:14	15.03	15.89	13.81
04/26	10:48:24	15.94	14.90	13.18
04/26	10:48:34	14.43	14.09	12.94
04/26	10:48:44	12.04	15.40	13.61
04/26	10:48:54	10.63	16.69	14.27
04/26	10:49:04	11.83	17.10	14.11
04/26	10:49:14	13.62	17.30	13.59
04/26	10:49:24	13.74	15.90	14.27
04/26	10:49:34	13.33	14.70	14.75
04/26	10:49:44	13.82	15.09	14.46
04/26	10:49:54	15.23	15.51	14.21
04/26	10:50:04	16.12	14.60	14.37
04/26	10:50:14	15.23	13.81	13.83
04/26	10:50:24	13.73	14.19	12.64
04/26	10:50:34	11.63	14.59	13.15

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Test Data

Date	Time	CH001 CO	CH003 NOX	CH007 O2
04/26	10:50:44	9.94	16.31	14.13
04/26	10:50:54	9.83	18.09	14.09
04/26	10:51:04	10.83	17.20	13.36
04/26	10:51:14	11.83	16.19	13.05
04/26	10:51:24	11.24	16.20	12.82
04/26	10:51:34	9.73	16.29	12.91
04/26	10:51:44	9.13	17.39	14.00
04/26	10:51:54	9.74	18.40	14.67
04/26	10:52:04	11.24	17.81	14.07
04/26	10:52:14	12.64	16.91	13.61
04/26	10:52:24	13.04	15.60	12.77
04/26	10:52:34	12.23	14.30	13.22
04/26	10:52:44	11.44	16.00	14.09
04/26	10:52:54	11.34	17.71	13.98
04/26	10:53:04	11.24	16.91	13.49
04/26	10:53:14	11.94	15.90	13.60
04/26	10:53:24	12.24	16.00	14.21
04/26	10:53:34	13.03	16.20	14.29
04/26	10:53:44	14.13	15.89	14.00
04/26	10:53:54	14.73	15.51	14.42
04/26	10:54:04	14.73	15.40	14.23
04/26	10:54:14	14.62	15.40	13.51
04/26	10:54:24	14.53	14.80	13.66
04/26	10:54:34	14.62	14.29	13.91
04/26	10:54:44	15.43	15.59	14.12
04/26	10:54:54	15.33	16.80	13.42
04/26	10:55:04	14.73	16.09	12.57
04/26	10:55:14	12.94	15.41	12.56
04/26	10:55:24	10.73	16.90	13.60
04/26	10:55:34	9.92	18.40	14.04
04/26	10:55:44	10.43	18.19	13.32
04/26	10:55:54	11.53	17.80	12.84
04/26	10:56:04	11.33	17.00	13.95
04/26	10:56:14	11.44	16.40	14.23
04/26	10:56:24	13.13	16.80	13.14
04/26	10:56:34	13.93	17.00	13.40
04/26	10:56:44	12.94	16.70	13.67
04/26	10:56:54	11.53	16.60	12.87
04/26	10:57:04	9.92	16.59	13.76
04/26	10:57:14	10.04	16.50	14.32
04/26	10:57:24	10.73	17.11	14.43
04/26	10:57:34	11.03	17.49	14.58
04/26	10:57:44	11.23	15.79	13.57
04/26	10:57:54	10.83	14.19	12.45
04/26	10:58:04	10.14	14.60	12.94
04/26	10:58:14	9.33	15.09	14.49
04/26	10:58:24	10.14	17.40	14.73
04/26	10:58:34	11.85	19.50	13.55
04/26	10:58:44	13.34	16.40	12.96
04/26	10:58:54	12.63	13.29	13.44
04/26	10:59:04	11.74	15.60	13.46
04/26	10:59:14	11.13	17.99	14.59
04/26	10:59:24	11.63	17.70	14.99
04/26	10:59:34	12.54	17.30	14.20
04/26	10:59:44	13.23	15.09	13.58
04/26	10:59:54	13.24	13.01	13.92
04/26	11:00:04	13.33	14.39	14.23
04/26	11:00:14	13.83	15.90	14.33
04/26	11:00:24	13.63	15.60	14.21
04/26	11:00:34	13.24	15.19	14.11
04/26	11:00:44	12.73	14.99	14.60
04/26	11:00:54	12.23	14.80	15.05
04/26	11:01:04	12.33	14.69	15.23
04/26	11:01:14	12.92	14.49	15.04
04/26	11:01:24	13.03	13.29	14.55
04/26	11:01:34	12.74	12.10	13.86
04/26	11:01:44	12.44	12.70	13.11
04/26	11:01:54	12.13	13.39	13.21
04/26	11:02:04	12.23	15.20	13.16
04/26	11:02:14	11.24	17.11	13.19
04/26	11:02:24	9.33	17.39	13.79

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Test Data

Date	Time	CH001 CO	CH003 NOX	CH007 O2
04/26	11:02:34	8.24	17.71	14.08
04/26	11:02:44	9.03	17.40	13.38
04/26	11:02:54	10.94	17.01	12.73
04/26	11:03:04	11.74	16.50	13.37
04/26	11:03:14	10.33	16.10	13.41
04/26	11:03:24	8.84	17.40	12.93
04/26	11:03:34	7.84	18.50	13.28
04/26	11:03:44	8.34	18.10	13.99
04/26	11:03:54	9.02	17.80	14.54
04/26	11:04:04	9.83	17.10	14.16
04/26	11:04:14	10.33	16.29	12.02
04/26	11:04:24	9.64	15.10	11.89
04/26	11:04:34	7.44	14.10	12.77
04/26	11:04:44	6.34	17.80	13.61
04/26	11:04:54	7.33	21.50	14.05
04/26	11:05:04	9.84	19.50	14.17
04/26	11:05:14	12.64	17.40	13.48
04/26	11:05:24	14.24	16.00	13.23
04/26	11:05:34	14.43	14.69	12.45
04/26	11:05:44	13.04	15.90	12.29
04/26	11:05:54	9.93	17.11	13.61
04/26	11:06:04	7.74	18.80	14.05
04/26	11:06:14	7.84	20.40	13.88
04/26	11:06:24	10.14	18.00	13.99
04/26	11:06:34	12.92	15.59	13.86
04/26	11:06:44	14.94	15.60	13.28
04/26	11:06:54	14.83	15.50	12.70
04/26	11:07:04	12.83	16.00	12.54
04/26	11:07:14	9.73	16.59	12.91
04/26	11:07:24	8.14	18.10	13.73
04/26	11:07:34	8.32	19.59	13.47
04/26	11:07:44	9.03	18.40	12.95
04/26	11:07:54	8.94	17.20	13.53
04/26	11:08:04	9.03	17.29	14.22
04/26	11:08:14	10.23	17.49	14.06
04/26	11:08:24	12.64	16.60	14.22
04/26	11:08:34	13.54	15.70	14.17
04/26	11:08:44	12.34	15.51	14.05
04/26	11:08:54	10.43	15.39	13.38
04/26	11:09:04	9.53	15.20	13.68
04/26	11:09:14	9.84	15.00	13.73
04/26	11:09:24	10.94	15.90	13.45
04/26	11:09:34	11.03	16.80	14.30
04/26	11:09:44	10.14	16.91	14.42
04/26	11:09:54	9.23	16.91	14.12
04/26	11:10:04	9.34	15.60	13.77
04/26	11:10:14	10.14	14.30	13.78
04/26	11:10:24	10.64	14.90	14.14
04/26	11:10:34	10.33	15.50	14.28
04/26	11:10:44	10.23	15.70	14.56
04/26	11:10:54	10.35	15.87	14.44
04/26	11:11:04	11.84	15.10	13.78
04/26	11:11:14	13.24	14.40	13.21
04/26	11:11:24	12.95	14.74	14.33
04/26	11:11:34	11.63	15.20	14.72
04/26	11:11:44	11.13	15.79	14.12
04/26	11:11:54	11.34	16.30	13.61
Average Run 1		**11.72**	**16.12**	**13.80**
04/26	11:12:04	12.43	15.19	13.53
04/26	11:12:14	12.33	14.30	10.04
04/26	11:12:24	11.14	15.41	10.11
04/26	11:12:34	8.84	16.41	10.12
04/26	11:12:44	7.54	15.60	10.11
04/26	11:12:54	5.84	15.00	10.12
04/26	11:13:04	4.54	8.31	10.12
04/26	11:13:14	3.24	1.31	10.13
04/26	11:13:24	1.63	0.49	10.12
04/26	11:13:34	0.43	0.10	10.13
04/26	11:13:44	-0.16	0.11	10.13
04/26	11:13:54	0.43	0.09	10.11
Start Bias				

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Test Data

Date	Time	CH001 CO	CH003 NOX	CH007 O2
04/26	11:14:04	1.64	0.11	10.11
04/26	11:14:14	1.13	0.10	10.11
04/26	11:14:24	0.44	0.01	10.12
04/26	11:14:34	0.15	0.01	10.10
04/26	11:14:44	0.44	0.00	10.12
04/26	11:14:54	0.93	-0.01	10.11
04/26	11:15:04	1.54	-0.01	10.11
04/26	11:15:14	1.14	0.01	10.12
04/26	11:15:24	0.35	0.00	10.12
04/26	11:15:34	0.04	0.00	10.11
04/26	11:15:44	0.54	0.01	10.09
04/26	11:15:54	1.43	0.00	10.08
04/26	11:16:04	1.44	0.01	10.10
04/26	11:16:14	0.94	0.01	10.12
04/26	11:16:24	0.13	0.00	10.12
04/26	11:16:34	0.04	0.01	10.12
04/26	11:16:44	0.75	0.01	10.12
04/26	11:16:54	1.53	-0.01	10.11
Average Bias		**0.81**	**0.01**	**10.11**
04/26	11:17:04	-0.06	-0.01	7.43
04/26	11:17:14	-0.75	0.00	0.11
04/26	11:17:24	-1.27	-0.01	0.00
04/26	11:17:34	6.64	0.00	0.06
04/26	11:17:44	20.73	18.40	0.06
04/26	11:17:54	33.92	37.83	0.05
04/26	11:18:04	41.61	41.11	0.05
04/26	11:18:14	43.52	43.30	0.05
04/26	11:18:24	43.72	43.50	0.05
04/26	11:18:34	44.51	43.59	0.06
04/26	11:18:44	45.61	43.79	0.05
04/26	11:18:54	45.91	44.00	0.05
Start Bias				
04/26	11:19:04	45.71	44.99	0.05
04/26	11:19:14	45.21	45.99	0.05
04/26	11:19:24	45.11	46.00	0.05
04/26	11:19:34	46.21	46.01	0.05
04/26	11:19:44	46.71	45.90	0.05
04/26	11:19:54	46.31	45.89	0.05
04/26	11:20:04	45.42	45.90	0.05
04/26	11:20:14	45.02	46.50	0.05
04/26	11:20:24	45.72	46.60	0.05
04/26	11:20:34	46.32	46.59	0.05
04/26	11:20:44	46.40	46.59	0.05
04/26	11:20:54	46.02	46.59	0.05
04/26	11:21:04	47.03	46.61	0.05
04/26	11:21:14	47.11	46.69	0.05
04/26	11:21:24	47.72	46.60	0.05
04/26	11:21:34	48.51	46.59	0.05
04/26	11:21:44	47.82	46.59	0.05
04/26	11:21:54	47.21	46.60	0.05
Average Bias		**46.42**	**46.29**	**0.05**
04/26	11:22:04	46.71	46.59	0.04
04/26	11:22:14	47.21	46.59	15.13
04/26	11:22:24	47.61	46.59	15.22
04/26	11:22:34	43.31	46.50	14.01
04/26	11:22:44	31.92	36.89	13.42
04/26	11:22:54	20.83	26.71	14.03
04/26	11:23:04	13.33	20.80	14.47
04/26	11:23:14	11.14	15.70	14.06
04/26	11:23:24	11.14	15.00	13.86
04/26	11:23:34	11.43	14.39	14.25
04/26	11:23:44	11.13	14.89	15.04
04/26	11:23:54	11.13	15.50	14.99
Start Run 2				
04/26	11:24:04	12.44	14.61	14.38
04/26	11:24:14	13.34	13.60	14.31
04/26	11:24:24	12.84	13.30	14.65
04/26	11:24:34	11.84	13.10	14.47
04/26	11:24:44	11.63	13.49	13.59
04/26	11:24:54	12.43	13.70	14.08
04/26	11:25:04	13.03	14.29	14.27

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Test Data

Date	Time	CH001 CO	CH003 NOX	CH007 O2
04/26	11:25:14	13.04	15.00	14.29
04/26	11:25:24	12.84	14.80	13.79
04/26	11:25:34	12.43	14.50	13.55
04/26	11:25:44	12.04	14.61	13.97
04/26	11:25:54	12.33	14.90	13.62
04/26	11:26:04	12.53	15.39	13.17
04/26	11:26:14	10.93	15.79	12.99
04/26	11:26:24	8.53	16.30	14.06
04/26	11:26:34	7.54	16.90	14.11
04/26	11:26:44	9.23	16.90	14.07
04/26	11:26:54	11.63	16.80	13.11
04/26	11:27:04	12.53	15.69	13.08
04/26	11:27:14	11.23	14.69	13.29
04/26	11:27:24	9.33	16.29	14.14
04/26	11:27:34	8.74	17.90	14.55
04/26	11:27:44	10.63	17.19	14.15
04/26	11:27:54	12.34	16.41	13.66
04/26	11:28:04	12.43	14.99	13.93
04/26	11:28:14	11.53	13.70	14.39
04/26	11:28:24	11.04	14.81	13.99
04/26	11:28:34	11.84	15.90	13.55
04/26	11:28:44	12.14	15.00	12.74
04/26	11:28:54	11.14	14.20	13.09
04/26	11:29:04	8.13	15.79	13.98
04/26	11:29:14	6.45	17.40	14.36
04/26	11:29:24	6.63	16.90	14.14
04/26	11:29:34	8.84	16.40	12.56
04/26	11:29:44	10.53	14.98	12.54
04/26	11:29:54	9.03	13.80	13.38
04/26	11:30:04	7.54	16.80	13.37
04/26	11:30:14	6.83	19.69	12.71
04/26	11:30:24	7.94	18.40	12.81
04/26	11:30:34	8.73	17.00	13.40
04/26	11:30:44	8.73	17.90	13.61
04/26	11:30:54	8.73	18.79	13.15
04/26	11:31:04	8.53	17.60	14.03
04/26	11:31:14	8.93	16.29	14.53
04/26	11:31:24	9.83	16.49	14.31
04/26	11:31:34	10.63	16.49	13.70
04/26	11:31:44	10.14	15.00	13.22
04/26	11:31:54	9.14	13.60	13.57
04/26	11:32:04	8.43	15.09	14.01
04/26	11:32:14	9.04	16.50	14.09
04/26	11:32:24	10.53	16.19	13.79
04/26	11:32:34	10.94	15.71	13.35
04/26	11:32:44	9.73	15.30	13.44
04/26	11:32:54	8.53	14.89	13.79
04/26	11:33:04	8.03	15.89	14.26
04/26	11:33:14	8.84	16.80	14.14
04/26	11:33:24	9.84	16.00	14.01
04/26	11:33:34	10.04	15.10	13.00
04/26	11:33:44	9.43	14.89	13.24
04/26	11:33:54	8.03	14.69	13.99
04/26	11:34:04	8.33	16.40	14.07
04/26	11:34:14	9.43	18.00	13.62
04/26	11:34:24	10.34	16.50	13.69
04/26	11:34:34	9.53	15.09	14.28
04/26	11:34:44	8.33	15.59	14.15
04/26	11:34:54	9.34	16.20	13.72
04/26	11:35:04	11.93	15.30	13.86
04/26	11:35:14	14.03	14.29	13.86
04/26	11:35:24	14.14	15.00	13.85
04/26	11:35:34	12.73	15.70	14.09
04/26	11:35:44	11.64	15.69	14.13
04/26	11:35:54	11.64	15.60	13.91
04/26	11:36:04	11.93	15.30	13.24
04/26	11:36:14	11.73	14.89	13.43
04/26	11:36:24	10.83	15.30	12.80
04/26	11:36:34	9.74	15.80	12.82
04/26	11:36:44	8.54	16.50	13.35
04/26	11:36:54	8.74	17.30	13.80

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Test Data

Date	Time	CH001 CO	CH003 NOX	CH007 O2
04/26	11:37:04	9.94	17.71	13.38
04/26	11:37:14	10.25	18.10	13.31
04/26	11:37:24	9.83	16.90	13.73
04/26	11:37:34	8.94	15.90	14.37
04/26	11:37:44	9.44	16.21	13.74
04/26	11:37:54	11.44	16.40	12.34
04/26	11:38:04	11.23	15.30	12.13
04/26	11:38:14	8.43	14.29	12.78
04/26	11:38:24	5.64	17.19	13.40
04/26	11:38:34	5.14	20.20	13.59
04/26	11:38:44	7.23	19.10	13.58
04/26	11:38:54	10.03	17.99	13.92
04/26	11:39:04	11.73	17.10	14.23
04/26	11:39:14	11.63	16.30	13.46
04/26	11:39:24	12.03	15.39	13.45
04/26	11:39:34	11.73	14.60	14.18
04/26	11:39:44	12.23	15.69	14.66
04/26	11:39:54	12.54	16.80	13.91
04/26	11:40:04	12.04	15.40	13.17
04/26	11:40:14	10.94	13.81	13.26
04/26	11:40:24	9.13	15.09	13.28
04/26	11:40:34	8.23	16.49	14.04
04/26	11:40:44	8.53	16.90	14.28
04/26	11:40:54	9.43	17.19	13.13
04/26	11:41:04	10.23	15.99	12.71
04/26	11:41:14	9.53	14.69	12.58
04/26	11:41:24	8.33	16.39	12.67
04/26	11:41:34	7.84	18.20	12.84
04/26	11:41:44	7.74	18.70	12.47
04/26	11:41:54	7.43	19.08	12.59
04/26	11:42:04	5.84	19.00	12.93
04/26	11:42:14	4.64	19.00	13.24
04/26	11:42:24	5.05	18.91	14.08
04/26	11:42:34	7.04	18.79	14.26
04/26	11:42:44	9.23	17.60	13.41
04/26	11:42:54	10.23	16.39	12.36
04/26	11:43:04	9.23	15.49	13.21
04/26	11:43:14	7.84	14.71	13.53
04/26	11:43:24	8.24	17.11	12.73
04/26	11:43:34	8.74	19.40	12.69
04/26	11:43:44	7.95	18.30	13.58
04/26	11:43:54	7.24	17.31	13.53
04/26	11:44:04	7.44	17.70	14.20
04/26	11:44:14	9.04	18.01	14.69
04/26	11:44:24	11.84	17.11	14.31
04/26	11:44:34	13.94	16.21	13.51
04/26	11:44:44	13.43	14.79	13.69
04/26	11:44:54	11.04	13.40	14.55
04/26	11:45:04	9.13	14.99	14.05
04/26	11:45:14	9.33	16.49	12.46
04/26	11:45:24	9.34	15.00	13.16
04/26	11:45:34	7.54	13.60	14.12
04/26	11:45:44	6.84	16.31	13.86
04/26	11:45:54	7.54	19.00	13.69
04/26	11:46:04	9.33	17.00	13.36
04/26	11:46:14	10.93	14.99	13.72
04/26	11:46:24	10.74	15.70	14.39
04/26	11:46:34	10.33	16.40	14.81
04/26	11:46:44	10.33	15.79	14.03
04/26	11:46:54	11.34	15.20	12.92
04/26	11:47:04	11.93	14.09	13.49
04/26	11:47:14	10.63	13.09	13.85
04/26	11:47:24	9.34	15.50	12.21
04/26	11:47:34	7.94	17.80	11.80
04/26	11:47:44	6.34	17.00	13.41
04/26	11:47:54	5.23	16.40	13.52
04/26	11:48:04	5.44	18.09	12.95
04/26	11:48:14	5.43	19.49	12.72
04/26	11:48:24	4.94	18.00	13.20
04/26	11:48:34	4.43	16.79	13.39
04/26	11:48:44	5.03	17.39	13.70

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Test Data

Date	Time	CH001 CO	CH003 NOX	CH007 O2
04/26	11:48:54	6.93	18.00	14.13
04/26	11:49:04	7.84	17.11	14.25
04/26	11:49:14	8.33	16.20	13.95
04/26	11:49:24	8.64	15.30	13.52
04/26	11:49:34	9.34	14.39	13.15
04/26	11:49:44	10.03	14.80	14.25
04/26	11:49:54	10.33	15.30	14.68
04/26	11:50:04	10.23	16.10	14.53
04/26	11:50:14	9.53	16.69	13.74
04/26	11:50:24	9.44	14.90	13.40
04/26	11:50:34	9.53	13.20	13.13
04/26	11:50:44	9.73	14.70	13.30
04/26	11:50:54	9.13	16.30	13.92
04/26	11:51:04	8.93	17.10	14.18
04/26	11:51:14	8.73	17.80	14.49
04/26	11:51:24	8.73	16.49	14.50
04/26	11:51:34	9.73	15.20	13.61
04/26	11:51:44	10.54	14.20	13.73
04/26	11:51:54	10.14	13.30	13.84
04/26	11:52:04	9.54	14.71	13.80
04/26	11:52:14	9.34	16.10	13.35
04/26	11:52:24	9.83	15.89	13.90
04/26	11:52:34	10.44	15.59	14.10
04/26	11:52:44	10.94	16.21	14.31
04/26	11:52:54	10.63	16.69	13.25
04/26	11:53:04	10.33	15.59	12.26
04/26	11:53:14	8.93	14.39	12.97
04/26	11:53:24	7.53	16.30	13.13
04/26	11:53:34	7.62	18.19	12.86
04/26	11:53:44	7.74	18.09	12.44
04/26	11:53:54	6.63	17.90	12.54
Average Run 2		**9.59**	**16.12**	**13.60**
04/26	11:54:04	5.14	18.30	12.94
04/26	11:54:14	4.15	18.80	9.99
04/26	11:54:24	4.84	18.79	10.07
04/26	11:54:34	5.73	18.70	10.14
04/26	11:54:44	5.73	18.29	10.13
04/26	11:54:54	3.63	17.80	10.12
04/26	11:55:04	0.94	9.50	10.13
04/26	11:55:14	-0.47	0.90	10.10
04/26	11:55:24	-0.56	0.30	10.09
04/26	11:55:34	-0.27	0.10	10.10
04/26	11:55:44	-0.76	0.10	10.10
04/26	11:55:54	-1.26	0.10	10.10
Start Bias				
04/26	11:56:04	-1.86	0.11	10.09
04/26	11:56:14	-1.66	-0.01	10.08
04/26	11:56:24	-0.06	0.00	10.08
04/26	11:56:34	0.24	0.00	10.06
04/26	11:56:44	-0.17	0.00	10.10
04/26	11:56:54	-0.86	0.00	10.10
04/26	11:57:04	-1.36	0.00	10.11
04/26	11:57:14	-0.66	0.00	10.11
04/26	11:57:24	0.04	0.00	10.10
04/26	11:57:34	0.04	0.00	10.09
04/26	11:57:44	-0.55	0.01	10.10
04/26	11:57:54	-1.27	0.00	10.10
04/26	11:58:04	-1.17	0.00	10.11
04/26	11:58:14	-0.37	0.00	10.09
04/26	11:58:24	0.14	0.00	10.09
04/26	11:58:34	-0.27	0.00	10.11
04/26	11:58:44	-0.86	0.00	10.09
04/26	11:58:54	-1.56	0.00	10.09
Average Bias		**-0.68**	**0.01**	**10.09**
04/26	11:59:04	-1.06	0.00	8.32
04/26	11:59:14	-0.15	-0.01	0.14
04/26	11:59:24	1.31	0.00	-0.01
04/26	11:59:34	13.63	0.00	0.03
04/26	11:59:44	27.62	5.10	0.03
04/26	11:59:54	40.21	11.29	0.03
Start Bias				

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Test Data

Date	Time	CH001 CO	CH003 NOX	CH007 O2
04/26	12:00:04	46.71	29.40	0.03
04/26	12:00:14	47.71	46.39	0.03
04/26	12:00:24	47.31	46.59	0.03
04/26	12:00:34	46.92	46.70	0.03
04/26	12:00:44	47.01	46.80	0.02
04/26	12:00:54	48.21	46.80	0.03
04/26	12:01:04	48.11	46.89	0.02
04/26	12:01:14	47.51	46.59	0.02
04/26	12:01:24	46.81	46.49	0.02
04/26	12:01:34	46.51	46.49	0.02
04/26	12:01:44	47.41	46.49	0.02
04/26	12:01:54	48.32	46.60	0.03
04/26	12:02:04	48.21	46.49	0.02
04/26	12:02:14	47.31	46.50	0.02
04/26	12:02:24	46.91	46.49	0.02
04/26	12:02:34	46.71	46.49	0.02
04/26	12:02:44	47.71	46.49	0.02
04/26	12:02:54	48.12	46.50	0.02
Average Bias		**47.42**	**45.62**	**0.02**
04/26	12:03:04	47.62	46.50	0.02
04/26	12:03:14	46.91	46.49	0.02
04/26	12:03:24	46.62	46.50	0.03
04/26	12:03:34	47.02	46.50	12.95
04/26	12:03:44	45.22	46.49	13.73
04/26	12:03:54	33.91	46.39	12.71
04/26	12:04:04	21.34	42.10	12.96
04/26	12:04:14	12.23	31.54	13.74
04/26	12:04:24	7.63	19.40	14.13
04/26	12:04:34	7.33	17.00	13.77
04/26	12:04:44	7.33	15.09	13.04
04/26	12:04:54	6.64	16.31	14.24
04/26	12:05:04	7.14	17.59	14.93
04/26	12:05:14	9.13	16.30	14.72
04/26	12:05:24	12.13	14.80	14.47
04/26	12:05:34	13.33	14.51	14.53
04/26	12:05:44	12.13	14.29	14.95
04/26	12:05:54	10.24	14.19	14.93
Start Run 3				
04/26	12:06:04	9.04	14.11	14.23
04/26	12:06:14	8.83	13.59	13.30
04/26	12:06:24	8.73	13.10	13.21
04/26	12:06:34	7.43	15.40	14.10
04/26	12:06:44	6.44	17.59	14.62
04/26	12:06:54	6.63	16.10	14.32
04/26	12:07:04	7.64	14.61	13.66
04/26	12:07:14	8.03	14.70	13.25
04/26	12:07:24	7.74	14.90	14.19
04/26	12:07:34	7.14	15.99	14.35
04/26	12:07:44	7.34	16.90	13.69
04/26	12:07:54	7.04	15.79	13.13
04/26	12:08:04	6.43	14.80	13.25
04/26	12:08:14	6.43	16.30	13.81
04/26	12:08:24	7.04	17.80	14.60
04/26	12:08:34	7.74	16.69	14.39
04/26	12:08:44	8.03	15.50	13.45
04/26	12:08:54	7.44	14.99	12.74
04/26	12:09:04	6.65	14.71	12.97
04/26	12:09:14	6.63	16.69	13.24
04/26	12:09:24	6.83	18.70	13.87
04/26	12:09:34	8.03	17.90	13.63
04/26	12:09:44	8.33	17.01	13.72
04/26	12:09:54	9.44	16.69	14.30
04/26	12:10:04	10.13	16.49	14.67
04/26	12:10:14	10.53	15.40	14.84
04/26	12:10:24	10.94	14.30	12.94
04/26	12:10:34	9.13	14.00	11.69
04/26	12:10:44	6.54	13.90	13.32
04/26	12:10:54	7.33	17.59	14.41
04/26	12:11:04	9.73	21.00	14.36
04/26	12:11:14	11.53	17.70	14.51
04/26	12:11:24	11.64	14.39	14.95

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Test Data

Date	Time	CH001 CO	CH003 NOX	CH007 O2
04/26	12:11:34	11.53	14.00	14.29
04/26	12:11:44	11.63	13.50	12.74
04/26	12:11:54	10.44	14.29	12.91
04/26	12:12:04	8.93	15.30	12.97
04/26	12:12:14	6.54	16.80	12.74
04/26	12:12:24	4.84	18.10	13.33
04/26	12:12:34	5.03	18.40	14.20
04/26	12:12:44	7.24	18.61	14.09
04/26	12:12:54	8.93	16.50	12.42
04/26	12:13:04	8.03	14.50	11.96
04/26	12:13:14	5.33	17.10	13.06
04/26	12:13:24	4.13	19.89	13.32
04/26	12:13:34	4.53	18.70	13.12
04/26	12:13:44	6.03	17.50	13.76
04/26	12:13:54	6.73	17.20	13.39
04/26	12:14:04	5.94	16.91	12.91
04/26	12:14:14	5.53	16.79	13.38
04/26	12:14:24	6.54	16.91	14.03
04/26	12:14:34	9.34	16.79	14.36
04/26	12:14:44	12.44	16.49	13.89
04/26	12:14:54	13.13	15.40	12.85
04/26	12:15:04	10.03	14.50	12.74
04/26	12:15:14	6.73	16.60	13.36
04/26	12:15:24	6.63	18.70	13.85
04/26	12:15:34	8.54	17.90	13.97
04/26	12:15:44	10.83	16.91	13.67
04/26	12:15:54	10.94	16.30	13.06
04/26	12:16:04	8.43	15.79	12.95
04/26	12:16:14	6.63	17.01	13.20
04/26	12:16:24	5.93	18.20	13.60
04/26	12:16:34	6.43	17.90	14.47
04/26	12:16:44	8.03	17.50	14.19
04/26	12:16:54	8.54	15.89	13.06
04/26	12:17:04	7.53	14.19	12.26
04/26	12:17:14	5.33	16.10	13.45
04/26	12:17:24	5.64	18.10	13.41
04/26	12:17:34	7.53	17.59	13.09
04/26	12:17:44	8.84	17.00	13.05
04/26	12:17:54	8.13	17.50	13.30
04/26	12:18:04	5.64	18.00	14.55
04/26	12:18:14	5.93	17.49	13.86
04/26	12:18:24	8.23	16.80	14.08
04/26	12:18:34	10.24	16.30	14.62
04/26	12:18:44	10.03	15.99	14.14
04/26	12:18:54	8.04	14.90	13.43
04/26	12:19:04	5.93	13.80	11.95
04/26	12:19:14	3.94	15.40	12.93
04/26	12:19:24	3.73	17.20	13.60
04/26	12:19:34	3.84	17.39	13.80
04/26	12:19:44	3.94	17.40	14.23
04/26	12:19:54	4.43	16.10	13.98
04/26	12:20:04	5.14	14.89	14.27
04/26	12:20:14	7.04	14.70	14.23
04/26	12:20:24	9.03	14.50	13.59
04/26	12:20:34	8.84	14.39	13.11
04/26	12:20:44	7.43	14.39	13.65
04/26	12:20:54	6.24	15.89	13.70
04/26	12:21:04	6.03	17.30	14.37
04/26	12:21:14	7.24	16.60	14.77
04/26	12:21:24	8.74	15.99	15.07
04/26	12:21:34	9.23	14.50	14.58
04/26	12:21:44	8.93	13.10	13.60
04/26	12:21:54	8.03	13.60	13.52
04/26	12:22:04	7.53	14.19	13.22
04/26	12:22:14	7.33	15.50	13.54
04/26	12:22:24	8.13	16.79	14.34
04/26	12:22:34	8.93	16.69	14.31
04/26	12:22:44	9.63	16.40	14.06
04/26	12:22:54	10.24	15.50	14.49
04/26	12:23:04	11.14	14.70	14.33
04/26	12:23:14	11.53	14.39	13.74

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Test Data

Date	Time	CH001 CO	CH003 NOX	CH007 O2
04/26	12:23:24	10.73	14.10	13.37
04/26	12:23:34	9.64	15.20	13.50
04/26	12:23:44	8.24	16.40	13.83
04/26	12:23:54	7.74	16.60	14.38
04/26	12:24:04	8.64	16.69	14.38
04/26	12:24:14	9.43	15.50	14.20
04/26	12:24:24	9.64	14.30	12.98
04/26	12:24:34	7.94	14.80	13.68
04/26	12:24:44	6.54	15.30	14.75
04/26	12:24:54	7.94	15.60	15.28
04/26	12:25:04	10.83	15.70	14.00
04/26	12:25:14	11.63	13.90	11.57
04/26	12:25:24	8.64	12.30	11.86
04/26	12:25:34	4.53	17.20	12.63
04/26	12:25:44	2.73	22.19	13.62
04/26	12:25:54	4.94	20.69	14.10
04/26	12:26:04	7.74	18.99	13.75
04/26	12:26:14	8.54	17.10	13.64
04/26	12:26:24	7.84	15.20	13.01
04/26	12:26:34	5.54	15.79	12.77
04/26	12:26:44	4.64	16.50	13.54
04/26	12:26:54	5.73	17.40	13.54
04/26	12:27:04	7.14	18.30	13.58
04/26	12:27:14	7.94	17.40	13.60
04/26	12:27:24	8.04	16.59	13.02
04/26	12:27:34	7.24	16.70	12.48
04/26	12:27:44	6.54	16.91	13.35
04/26	12:27:54	7.14	18.10	13.11
04/26	12:28:04	7.33	19.40	13.63
04/26	12:28:14	7.83	18.59	13.86
04/26	12:28:24	8.04	17.90	13.45
04/26	12:28:34	8.14	16.90	13.02
04/26	12:28:44	8.34	15.99	12.44
04/26	12:28:54	7.04	17.30	13.45
04/26	12:29:04	6.54	18.60	14.23
04/26	12:29:14	6.74	17.70	14.33
04/26	12:29:24	8.04	16.69	14.58
04/26	12:29:34	9.83	15.50	14.70
04/26	12:29:44	10.53	14.50	14.18
04/26	12:29:54	10.03	14.00	13.85
04/26	12:30:04	8.33	13.60	13.45
04/26	12:30:14	6.54	14.80	13.88
04/26	12:30:24	6.44	15.90	14.82
04/26	12:30:34	8.43	15.70	14.54
04/26	12:30:44	10.03	15.30	13.93
04/26	12:30:54	10.33	14.60	13.78
04/26	12:31:04	9.93	14.00	13.95
04/26	12:31:14	9.54	15.00	13.83
04/26	12:31:24	9.44	15.89	13.81
04/26	12:31:34	10.14	15.90	14.27
04/26	12:31:44	10.73	15.90	12.42
04/26	12:31:54	8.13	15.50	11.65
04/26	12:32:04	4.64	15.20	13.82
04/26	12:32:14	2.93	18.20	15.02
04/26	12:32:24	4.24	21.00	13.57
04/26	12:32:34	5.73	17.01	11.95
04/26	12:32:44	5.04	13.20	12.66
04/26	12:32:54	3.63	17.10	13.14
04/26	12:33:04	2.23	21.09	13.02
04/26	12:33:14	2.24	19.50	12.30
04/26	12:33:24	2.64	17.90	12.74
04/26	12:33:34	3.64	18.99	13.05
04/26	12:33:44	3.64	20.10	13.07
04/26	12:33:54	3.63	19.20	12.74
04/26	12:34:04	3.24	18.20	12.82
04/26	12:34:14	3.14	18.70	13.97
04/26	12:34:24	4.84	19.20	14.71
04/26	12:34:34	6.24	17.20	14.47
04/26	12:34:44	7.14	14.99	13.02
04/26	12:34:54	6.13	14.39	12.37
04/26	12:35:04	4.24	14.10	12.58

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Test Data

Date	Time	CH001 CO	CH003 NOX	CH007 O2
04/26	12:35:14	3.83	16.90	12.81
04/26	12:35:24	4.24	19.70	13.11
04/26	12:35:34	4.33	19.19	13.78
04/26	12:35:44	5.64	18.70	14.30
04/26	12:35:54	7.34	17.30	13.90
Average Run 3		**7.43**	**16.41**	**13.60**
04/26	12:36:04	8.64	15.90	13.70
04/26	12:36:14	9.64	15.79	13.79
04/26	12:36:24	9.04	15.79	10.07
04/26	12:36:34	7.34	15.90	10.10
04/26	12:36:44	5.54	15.90	10.10
04/26	12:36:54	2.94	15.70	10.10
04/26	12:37:04	1.14	15.20	10.11
04/26	12:37:14	0.05	7.50	10.09
04/26	12:37:24	-1.07	0.19	10.09
04/26	12:37:34	-1.87	0.09	10.09
04/26	12:37:44	-2.36	0.10	10.09
04/26	12:37:54	-1.76	0.01	10.09
Start Bias				
04/26	12:38:04	0.14	0.00	10.10
04/26	12:38:14	1.04	0.01	10.10
04/26	12:38:24	0.34	0.00	10.08
04/26	12:38:34	-0.46	0.00	10.09
04/26	12:38:44	-1.06	0.00	10.09
04/26	12:38:54	-0.97	0.01	10.09
04/26	12:39:04	0.05	0.01	10.07
04/26	12:39:14	0.54	0.01	10.08
04/26	12:39:24	0.24	0.01	10.08
04/26	12:39:34	-0.65	0.01	10.08
04/26	12:39:44	-1.36	0.01	10.10
04/26	12:39:54	-1.06	0.00	10.09
04/26	12:40:04	-0.06	0.01	10.08
04/26	12:40:14	0.63	0.00	10.09
04/26	12:40:24	-0.06	0.00	10.08
04/26	12:40:34	-0.75	0.01	10.07
04/26	12:40:44	-1.16	0.01	10.08
04/26	12:40:54	-0.96	0.00	10.08
Average Bias		**-0.31**	**0.01**	**10.09**
04/26	12:41:04	0.03	0.00	10.07
04/26	12:41:14	0.25	0.01	2.17
04/26	12:41:24	-0.06	0.01	0.02
04/26	12:41:34	9.54	0.20	0.06
04/26	12:41:44	23.22	1.41	0.06
04/26	12:41:54	37.22	24.20	0.05
Start Bias				
04/26	12:42:04	45.52	46.10	0.06
04/26	12:42:14	47.82	46.40	0.06
04/26	12:42:24	47.72	46.60	0.06
04/26	12:42:34	47.22	46.70	0.06
04/26	12:42:44	47.02	46.70	0.05
04/26	12:42:54	47.82	46.80	0.06
04/26	12:43:04	48.52	46.80	0.06
04/26	12:43:14	48.12	46.80	0.05
04/26	12:43:24	47.32	46.80	0.05
04/26	12:43:34	46.82	46.80	0.05
04/26	12:43:44	47.12	46.80	0.05
04/26	12:43:54	48.22	46.80	0.05
04/26	12:44:04	48.31	46.80	0.06
04/26	12:44:14	47.71	46.79	0.05
04/26	12:44:24	47.22	46.90	0.05
04/26	12:44:34	46.42	46.80	0.05
04/26	12:44:44	47.32	46.80	0.05
04/26	12:44:54	48.11	46.80	0.05
Average Bias		**47.46**	**46.72**	**0.05**
04/26	12:45:04	48.42	46.80	0.06
04/26	12:45:14	47.42	46.79	13.74
04/26	12:45:24	45.72	46.80	13.20
04/26	12:45:34	36.03	45.79	13.76
04/26	12:45:44	23.93	44.30	15.19
04/26	12:45:54	15.33	31.21	18.71
04/26	12:46:04	9.34	18.29	20.90

EXHIBIT B - 2

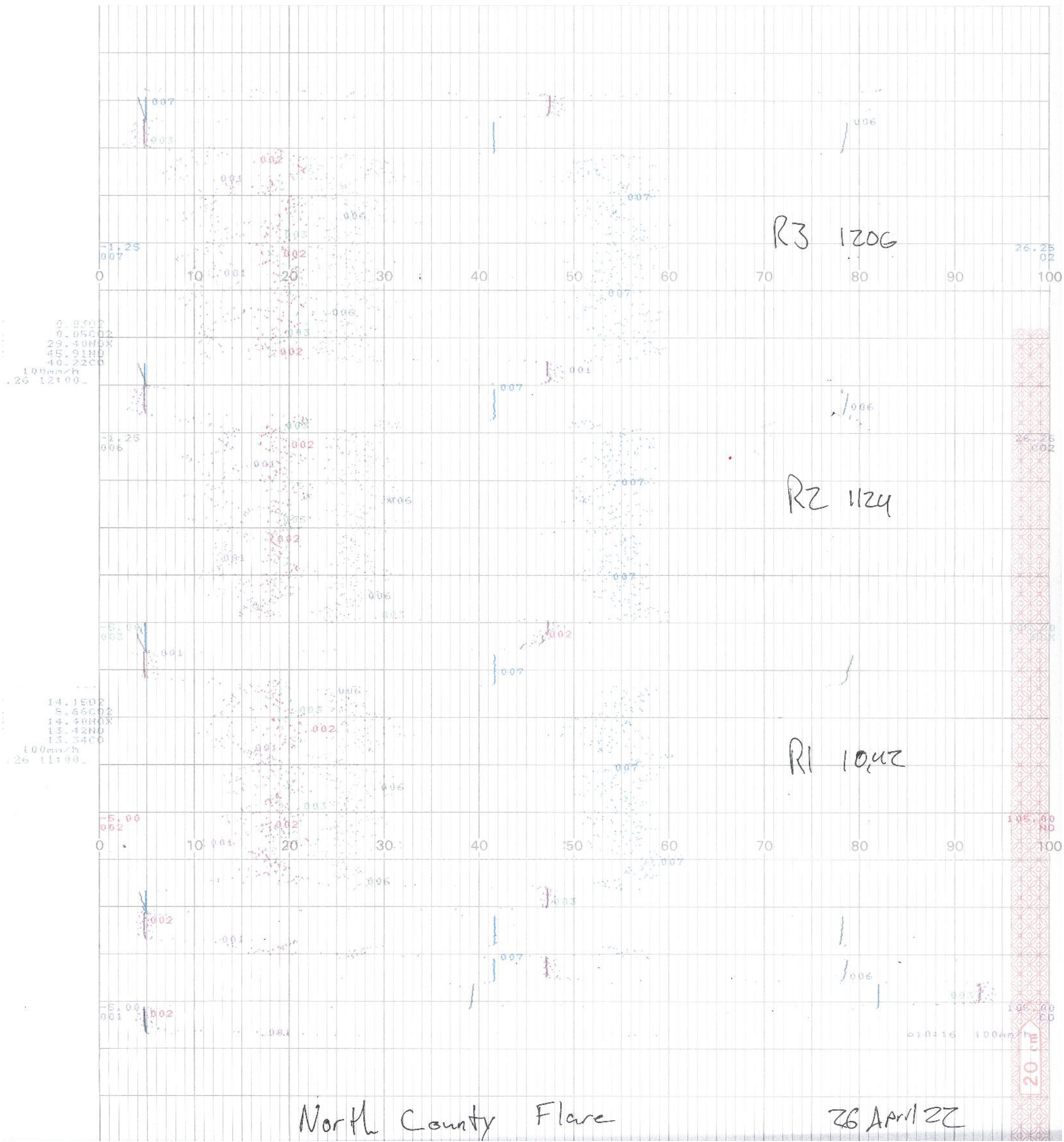
North County Sanitary
Landfill Flare
Test Data

Date	Time	CH001 CO	CH003 NOX	CH007 O2
04/26	12:46:14	5.04	12.40	21.19
04/26	12:46:24	1.94	6.41	21.23
04/26	12:46:34	0.04	3.40	21.24

Appendix D

Strip Chart Recording

EXHIBIT B - 2



North County Flare

26 April 22

Appendix E

Certificates of Analysis of the Calibration Gases

PRAXAIR
Making our planet more productive

DocNumber: 362313

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

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information

PRAXAIR PKG PITTSBURG CA H
1930 LOVERIDGE RD
PITTSBURG CA 94565-4113

Certificate Issuance Date: 02/04/2021
Praxair Order Number: 71556627
Part Number: NI CO95MX1ZE-AS
Customer PO Number: 79552662

Fill Date: 01/23/2021
Lot Number: 70086102303
Cylinder Style & Outlet: AS CGA 660
Cylinder Pressure and Volume: 2000 psig 140 ft3

Certified Concentration

ProSpec EZ Cert

Expiration Date: 02/04/2029		NIST Traceable
Cylinder Number: CC86342		Expanded Uncertainty
96.8 ppm	Carbon monoxide	± 0.4 ppm
96.3 ppm	Nitric oxide (as NOx)	± 0.6 ppm
93.6 ppm	Sulfur dioxide	± 1.0 ppm
Balance	Nitrogen	

For Reference Only: *NO 96.3 ppm*

Certification Information: *Certification Date:* 02/04/2021 *Term:* 96 Months *Expiration Date:* 02/04/2029

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

Analytical Data: *(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)*

1. ***Component:*** **Carbon monoxide**

Requested Concentration: 95 ppm
Certified Concentration: 96.8 ppm
Instrument Used: Horiba VIA-510 S/N 577172043
Analytical Method: NDIR
Last Multipoint Calibration: 01/08/2021

First Analysis Data:						Date	01/28/2021
Z: 0	R: 98.1	C: 96.8	Conc: 96.8				
R: 98.1	Z: 0	C: 96.8	Conc: 96.8				
Z: 0	C: 96.8	R: 98.1	Conc: 96.8				
UOM: ppm			Mean Test Assay:	96.8	ppm		

Reference Standard: Type / Cylinder #: GMIS / DT0019705
Concentration / Uncertainty: 98.1 ppm ±0.4 ppm
Expiration Date: 01/23/2028
Traceable to: SRM # / Sample # / Cylinder #: SRM 1679c / 3-I-45 / FF28593
SRM Concentration / Uncertainty: 98.40 ppm / ±0.40 ppm
SRM Expiration Date: 01/28/2020

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

2. ***Component:*** **Nitric oxide (as NOx)**

Requested Concentration: 95 ppm
Certified Concentration: 96.3 ppm
Instrument Used: Thermo Electron 42i S/N 0726024326
Analytical Method: Chemiluminescence
Last Multipoint Calibration: 01/08/2021

First Analysis Data:						Date	01/28/2021
Z: 0	R: 97	C: 96.2	Conc: 96.2				
R: 97	Z: 0	C: 96.3	Conc: 96.3				
Z: 0	C: 96.3	R: 97	Conc: 96.3				
UOM: ppm			Mean Test Assay:	96.3	ppm		

Reference Standard: Type / Cylinder #: GMIS / CC703092
Concentration / Uncertainty: 97.0 ppm ±0.5 ppm
Expiration Date: 01/15/2028
Traceable to: SRM # / Sample # / Cylinder #: 1684b / 44-T-89 / FF9260
SRM Concentration / Uncertainty: 99.75 ppm / ±0.50 ppm
SRM Expiration Date: 01/25/2020

Second Analysis Data:						Date	02/04/2021
Z: 0	R: 97	C: 96.2	Conc: 96.2				
R: 97	Z: 0	C: 96.3	Conc: 96.3				
Z: 0	C: 96.3	R: 97	Conc: 96.3				
UOM: ppm			Mean Test Assay:	96.3	ppm		

3. ***Component:*** **Sulfur dioxide**

Requested Concentration: 95 ppm
Certified Concentration: 93.6 ppm
Instrument Used: Horiba VIA-510, 5203551011
Analytical Method: NDIR
Last Multipoint Calibration: 01/05/2021

First Analysis Data:						Date	01/28/2021
Z: 0	R: 99.2	C: 93.6	Conc: 93.6				
R: 99.2	Z: 0	C: 93.5	Conc: 93.5				
Z: 0	C: 93.5	R: 99.2	Conc: 93.5				
UOM: ppm			Mean Test Assay:	93.5	ppm		

Reference Standard: Type / Cylinder #: GMIS / CC301451
Concentration / Uncertainty: 99.2 ppm ±1.0 ppm
Expiration Date: 01/27/2028
Traceable to: SRM # / Sample # / Cylinder #: 1694a / 95-J-64 / CAL016700
SRM Concentration / Uncertainty: 98.57 ppm / ±0.98 ppm
SRM Expiration Date: 04/05/2022

Second Analysis Data:						Date	02/04/2021
Z: 0	R: 99.2	C: 93.5	Conc: 93.5				
R: 99.2	Z: 0	C: 93.6	Conc: 93.6				
Z: 0	C: 94	R: 99.2	Conc: 94				
UOM: ppm			Mean Test Assay:	93.7	ppm		

Analyzed By: Nelson Ma — **Nelson Ma**

Certified By: **Quinn Hailes**

EXHIBIT B - 2

PRAXAIR
Making our planet more productive

DocNumber: 362839

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

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information

PRAXAIR PKG PITTSBURG CA H
1930 LOVERIDGE RD
PITTSBURG CA 94565-4113

Certificate Issuance Date: 02/10/2021
Praxair Order Number: 71556627
Part Number: NI CO47MNS1ZEAS
Customer PO Number: 79552662

Fill Date: 01/27/2021
Lot Number: 70086102706
Cylinder Style & Outlet: AS CGA 660
Cylinder Pressure and Volume: 2000 psig 140 ft3

Certified Concentration

ProSpec EZ Cert

Expiration Date:	02/10/2024	NIST Traceable
Cylinder Number:	DT0016455	Expanded Uncertainty
47.4 ppm	Carbon monoxide	± 0.2 ppm
46.5 ppm	Nitric oxide (as NOx)	± 0.3 ppm
46.3 ppm	Sulfur dioxide	± 0.3 ppm
Balance	Nitrogen	

For Reference Only: *NO 46.3 ppm*

Certification Information: *Certification Date:* 02/10/2021 *Term:* 36 Months *Expiration Date:* 02/10/2024

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

Analytical Data:

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

1. *Component:* **Carbon monoxide**

Requested Concentration: 47 ppm
Certified Concentration: 47.4 ppm
Instrument Used: Horiba VIA-510 S/N 43627990042
Analytical Method: NDIR
Last Multipoint Calibration: 01/29/2021

First Analysis Data: **Date** 02/03/2021

Z:	0	R:	48.8	C:	47.4	Conc:	47.4
R:	48.7	Z:	0	C:	47.3	Conc:	47.3
Z:	0	C:	47.5	R:	48.8	Conc:	47.5

UOM: ppm **Mean Test Assay:** 47.4 ppm

Reference Standard: Type / Cylinder #: GMIS / SA6217
Concentration / Uncertainty: 48.8 ppm ±0.1 ppm
Expiration Date: 06/07/2026
Traceable to: SRM # / Sample # / Cylinder #: SRM 1678c / 04-L-41 / FF18402
SRM Concentration / Uncertainty: 49.136 ppm / ±0.065ppm
SRM Expiration Date: 02/04/2021

Second Analysis Data: **Date**

Z:	0	R:	0	C:	0	Conc:	0
R:	0	Z:	0	C:	0	Conc:	0
Z:	0	C:	0	R:	0	Conc:	0

UOM: ppm **Mean Test Assay:** ppm

2. *Component:* **Nitric oxide (as NOx)**

Requested Concentration: 47 ppm
Certified Concentration: 46.5 ppm
Instrument Used: Thermo Electron 42i-LS S/N 1030645077
Analytical Method: Chemiluminescence
Last Multipoint Calibration: 01/11/2021

First Analysis Data: **Date** 02/03/2021

Z:	0	R:	49.4	C:	46.4	Conc:	46.5
R:	49.4	Z:	0	C:	46.5	Conc:	46.6
Z:	0	C:	46.5	R:	49.3	Conc:	46.6

UOM: ppm **Mean Test Assay:** 46.5 ppm

Reference Standard: Type / Cylinder #: GMIS / CC506196
Concentration / Uncertainty: 49.43 ppm ±0.35 ppm
Expiration Date: 08/08/2023
Traceable to: SRM # / Sample # / Cylinder #: SRM 1683b / 45-V-37 / CAL017868
SRM Concentration / Uncertainty: 48.79 ppm / ±0.34 ppm
SRM Expiration Date: 03/25/2019

Second Analysis Data: **Date** 02/10/2021

Z:	0	R:	49.4	C:	46.4	Conc:	46.5
R:	49.2	Z:	0	C:	46.3	Conc:	46.4
Z:	0	C:	46.4	R:	49.4	Conc:	46.5

UOM: ppm **Mean Test Assay:** 46.5 ppm

3. *Component:* **Sulfur dioxide**

Requested Concentration: 47 ppm
Certified Concentration: 46.3 ppm
Instrument Used: Ametek 921CE S/N AW-921-S321
Analytical Method: UV Spectrometry
Last Multipoint Calibration: 01/11/2021

First Analysis Data: **Date** 02/03/2021

Z:	0	R:	50.7	C:	46.1	Conc:	46.2
R:	50.7	Z:	0	C:	46.2	Conc:	46.3
Z:	0	C:	46.2	R:	50.6	Conc:	46.3

UOM: ppm **Mean Test Assay:** 46.2 ppm

Reference Standard: Type / Cylinder #: GMIS / DT0028968
Concentration / Uncertainty: 50.74 ppm ±0.30 ppm
Expiration Date: 09/09/2023
Traceable to: SRM # / Sample # / Cylinder #: SRM 1693a / 96-N-31 / FF25489
SRM Concentration / Uncertainty: 50.21 ppm / ±0.28 ppm
SRM Expiration Date: 11/04/2019

Second Analysis Data: **Date** 02/10/2021

Z:	0	R:	50.7	C:	46.3	Conc:	46.3
R:	50.8	Z:	0	C:	46.4	Conc:	46.4
Z:	0	C:	46.4	R:	50.7	Conc:	46.4

UOM: ppm **Mean Test Assay:** 46.4 ppm

Analyzed By **Henry Koung**

Certified By **Leeanna Flores**

EXHIBIT B - 2

PRAXAIR
Making our planet more productive

DocNumber: 309009

Praxair Distribution, Inc.
5700 S. Alameda Street
Los Angeles CA 90058
Tel: 323-585-2154
Fax: 714-542-6689
PGVP ID: F22020

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information

PRAXAIR PKG PITTSBURG CA H
1930 LOVERIDGE RD
PITTSBURG CA 94565-4113

Certificate Issuance Date: 06/29/2020
Praxair Order Number: 71368893
Part Number: NI CD9.5O4E-AS
Customer PO Number: 79360259

Fill Date: 06/25/2020
Lot Number: 70086017707
Cylinder Style & Outlet: AS CGA 590
Cylinder Pressure and Volume: 2000 psig 140 ft3

Certified Concentration

ProSpec EZ Cert

Expiration Date:	06/29/2028	NIST Traceable
Cylinder Number:	CC738078	Expanded Uncertainty
9.45 %	Carbon dioxide	± 0.5 %
21.17 %	Oxygen	± 0.2 %
Balance	Nitrogen	

Certification Information: *Certification Date:* 06/29/2020 *Term:* 96 Months *Expiration Date:* 06/29/2028

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1.

Do Not Use this Standard if Pressure is less than 100 PSIG.

CO2 responses have been corrected for Oxygen IR Broadening effect. O2 responses have been corrected for CO2 interference.

Analytical Data: *(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)*

1. ***Component:*** **Carbon dioxide**

Requested Concentration: 9.5 %
Certified Concentration: 9.45 %
Instrument Used: Horiba VIA-510 S/N 20C194WK
Analytical Method: NDIR
Last Multipoint Calibration: 06/23/2020

First Analysis Data:						Date	06/29/2020
Z:	0	R:	16.02	C:	9.45	Conc:	9.45
R:	16.02	Z:	0	C:	9.45	Conc:	9.45
Z:	0	C:	9.46	R:	16.03	Conc:	9.46
UOM:	%			Mean Test Assay:			9.45 %

Reference Standard: Type / Cylinder #: GMIS / CC134179
Concentration / Uncertainty: 16.02 % ±0.286%
Expiration Date: 07/10/2022
Traceable to: SRM # / Sample # / Cylinder #: SRM 1675b / 6-F-51 / CAL014538
SRM Concentration / Uncertainty: 13.963% / ±0.034%
SRM Expiration Date: 05/16/2022

Second Analysis Data:						Date	
Z:	0	R:	0	C:	0	Conc:	0
R:	0	Z:	0	C:	0	Conc:	0
Z:	0	C:	0	R:	0	Conc:	0
UOM:	%			Mean Test Assay:			%

2. ***Component:*** **Oxygen**

Requested Concentration: 22 %
Certified Concentration: 21.17 %
Instrument Used: OXYMAT 5E
Analytical Method: Paramagnetic
Last Multipoint Calibration: 06/23/2020

First Analysis Data:						Date	06/29/2020
Z:	0	R:	20.88	C:	21.18	Conc:	21.16
R:	20.88	Z:	0	C:	21.2	Conc:	21.18
Z:	0	C:	21.2	R:	20.92	Conc:	21.18
UOM:	%			Mean Test Assay:			21.17 %

Reference Standard: Type / Cylinder #: GMIS / CC707388
Concentration / Uncertainty: 20.87 % ±0.108%
Expiration Date: 12/14/2026
Traceable to: SRM # / Sample # / Cylinder #: SRM 2659a / 71-E-19 / FF22331
SRM Concentration / Uncertainty: 20.863% / ±0.021%
SRM Expiration Date: 08/23/2021

Second Analysis Data:						Date	
Z:	0	R:	0	C:	0	Conc:	0
R:	0	Z:	0	C:	0	Conc:	0
Z:	0	C:	0	R:	0	Conc:	0
UOM:	%			Mean Test Assay:			%

Analyzed By: Jose Vasquez

Certified By: Jenna Lockman (CHR)
Jenna Lockman

EXHIBIT B-2

PRAXAIR
Making our planet more productive

DocNumber: 309020

Praxair Distribution, Inc.
5700 S. Alameda Street
Los Angeles CA 90058
Tel: 323-585-2154
Fax: 714-542-6689
PGVP ID: F22020

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information

PRAXAIR PKG PITTSBURG CA H
1930 LOVERIDGE RD
PITTSBURG CA 94565-4113

Certificate Issuance Date: 06/30/2020
Praxair Order Number: 71368893
Part Number: NI CD20O12E-AS
Customer PO Number: 79360259

Fill Date: 06/25/2020
Lot Number: 70086017706
Cylinder Style & Outlet: AS CGA 590
Cylinder Pressure and Volume: 2000 psig 155 ft3

Certified Concentration

ProSpec EZ Cert

Expiration Date: 06/29/2028		NIST Traceable Expanded Uncertainty
Cylinder Number: DT0036852		
20.10 %	Carbon dioxide	± 0.4 %
10.10 %	Oxygen	± 0.5 %
Balance	Nitrogen	

Certification Information:

Certification Date: 06/29/2020 Term: 96 Months Expiration Date: 06/29/2028

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA 600/R-12/531, using Procedure G1.

Do Not Use this Standard if Pressure is less than 100 PSIG.

CO2 responses have been corrected for Oxygen IR Broadening effect. O2 responses have been corrected for CO2 interference.

Analytical Data:

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

1. **Component:** Carbon dioxide

Requested Concentration: 20 %
Certified Concentration: 20.10 %
Instrument Used: Horiba VIA-510 S/N 20C194WK
Analytical Method: NDIR
Last Multipoint Calibration: 06/23/2020

First Analysis Data: Date 06/29/2020

Z: 0	R: 19.92	C: 20.1	Conc: 20.1		
R: 19.92	Z: 0	C: 20.1	Conc: 20.1		
Z: 0	C: 20.11	R: 19.93	Conc: 20.11		

UOM: % Mean Test Assay: 20.1 %

Second Analysis Data: Date

Z: 0	R: 0	C: 0	Conc: 0		
R: 0	Z: 0	C: 0	Conc: 0		
Z: 0	C: 0	R: 0	Conc: 0		

UOM: % Mean Test Assay: %

Reference Standard: Type / Cylinder #: GMIS / CC188344
Concentration / Uncertainty: 19.92 % ±0.296%
Expiration Date: 02/03/2028
Traceable to: SRM # / Sample # / Cylinder #: RGM#CC28033 / N/A / RGM#CC28033
SRM Concentration / Uncertainty: 19.67% / +0.04%
SRM Expiration Date: 07/15/2021

2. **Component:** Oxygen

Requested Concentration: 10 %
Certified Concentration: 10.10 %
Instrument Used: OXYMAT 6E
Analytical Method: Paramagnetic
Last Multipoint Calibration: 06/23/2020

First Analysis Data: Date 06/29/2020

Z: 0	R: 9.88	C: 10.11	Conc: 10.1		
R: 9.88	Z: 0	C: 10.12	Conc: 10.1		
Z: 0	C: 10.1	R: 9.89	Conc: 10.09		

UOM: % Mean Test Assay: 10.1 %

Second Analysis Data: Date

Z: 0	R: 0	C: 0	Conc: 0		
R: 0	Z: 0	C: 0	Conc: 0		
Z: 0	C: 0	R: 0	Conc: 0		

UOM: % Mean Test Assay: %

Reference Standard: Type / Cylinder #: NTRM / DT010287
Concentration / Uncertainty: 9.875 % ±0.4%
Expiration Date: 11/18/2022
Traceable to: SRM # / Sample # / Cylinder #: NTRM / 170/01 / NTRM DT010287
SRM Concentration / Uncertainty: 9.875% / ±0.040%
SRM Expiration Date: 11/18/2022

Analyzed By: Jose Vasquez

Certified By: Jenna Lockman

Appendix F

Analytical Laboratory Report

Atmospheric Analysis & Consulting, Inc.

CLIENT : Air Science Technologies, Inc.
PROJECT NAME : North County
AAC PROJECT NO. : 220915
REPORT DATE : 05/12/2022

On April 28th, 2022, Atmospheric Analysis & Consulting, Inc. received three (3) Six-Liter Silonite Canisters for BTU analysis by ASTM D-3588/5504 and TNMOC analysis by EPA 25C. Also received were three (3) Six-Liter Silonite Canisters for Hydrocarbon analysis by EPA 18 Modified. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)
Inlet LFG Run 1	220915-30699	690.2
Inlet LFG Run 2	220915-30700	688.8
Inlet LFG Run 3	220915-30701	694.9
Outlet Run 1	220915-30702	668.0
Outlet Run 2	220915-30703	737.9
Outlet Run 3	220915-30704	725.5

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

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D
Technical Director

This report consists of 16 pages.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report
ASTM-D3588 (BTU and F-Factor)

CLIENT : Air Science Technologies, Inc.
PROJECT NO. : 220915

SAMPLING DATE : 04/26/2022
ANALYSIS DATE : 05/03-04/2022

	Client ID:	Inlet LFG Run 1			
	AAC ID:	220915-30699			
	Component	Mole %	Mole % SRL	Weight %	Weight % SRL
FIXED GASES	H_2	< 2.10	2.10	< 0.001	0.001
	O_2	0.272	0.210	0.311	0.002
	N_2	6.40	0.210	6.42	0.002
	CO	< 0.210	0.210	< 0.002	0.002
	CO_2	39.4	0.210	62.2	0.003
	CH_4	53.8	0.00010	30.9	0.006
	He	NM	NM	NM	NM
	Ar	< 0.210	0.210	< 0.003	0.003
HYDROCARBONS	C_2 (as Ethane)	< 0.00052	0.00052	< 0.0005	0.0005
	C_3 (as Propane)	0.00383	0.00010	0.0061	0.0002
	C_4 (as Butane)	0.00178	0.00010	0.0037	0.0002
	C_5 (as Pentane)	0.00472	0.00010	0.0122	0.0002
	C_6 (as Hexane)	0.00574	0.00010	0.0177	0.0003
	C_{6+} (as Hexane)	0.0348	0.00010	0.108	0.0003
TRS	Total Reduced Sulfur	0.00200	0.0000021	0.00244	0.000002
H2O	Moisture content	NM	NM	NM	NM

All results have been normalized to 100% on a dry basis.

Fuel Gas Specifications			
Atomic Breakdown - (scf/lb) / %		*HHV Btu/lb*	7423
Carbon (C)	40.3	*LHV Btu/lb*	6684
Hydrogen (H)	7.8	*HHV Btu/dscf*	546
Oxygen (O)	45.5	*LHV Btu/dscf*	492
Nitrogen (N)	6.4	*F-Factor*	9422
Helium (He)	0.00	*Relative Density*	0.9639
Argon (Ar)	0.00	*C2-C6+ Weight %*	0.0000
Sulfur (S)	0.00	*MW lb/lb-mole*	27.915
Motor Octane Number	89.94	*Methane Number*	26.97
		Wobbe Number	556.187

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Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

CLIENT : **Air Science Technologies, Inc.**
PROJECT NO. : **220915**
MATRIX : **AIR**
UNITS : **ppmV**

SAMPLING DATE : **04/26/2022**
ANALYSIS DATE : **05/02/2022**

Total Reduced Sulfur Compounds Analysis by ASTM D-5504

Client ID	**Inlet LFG Run 1**
AAC ID	**220915-30699**
Canister Dil. Fac.	**2.1**
Analyte	**Result**
Hydrogen Sulfide	**16.2**
COS / SO2	< 0.105
Methyl Mercaptan	**0.970**
Ethyl Mercaptan	< 0.105
Dimethyl Sulfide	**1.96**
Carbon Disulfide	< 0.105
Isopropyl Mercaptan	< 0.105
tert-Butyl Mercaptan	< 0.105
n-Propyl Mercaptan	< 0.105
Methylethylsulfide	< 0.105
sec-Butyl Mercaptan / Thiophene	**0.276**
iso-Butyl Mercaptan	< 0.105
Diethyl Sulfide	< 0.105
n-Butyl Mercaptan	< 0.105
Dimethyl Disulfide	< 0.105
2-Methylthiophene	< 0.105
3-Methylthiophene	< 0.105
Tetrahydrothiophene	< 0.105
Bromothiophene	< 0.105
Thiophenol	< 0.105
Diethyl Disulfide	< 0.105
Total Unidentified Sulfur	**0.254**
Total Reduced Sulfurs	**19.7**

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO_2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report
ASTM-D3588 (BTU and F-Factor)

CLIENT : Air Science Technologies, Inc.
PROJECT NO. : 220915

SAMPLING DATE : 04/26/2022
ANALYSIS DATE : 05/03-04/2022

	Client ID:	Inlet LFG Run 2			
	AAC ID:	220915-30700			
	Component	Mole %	Mole % SRL	Weight %	Weight % SRL
FIXED GASES	H_2	< 2.18	2.18	< 0.001	0.001
	O_2	1.10	0.218	1.25	0.002
	N_2	8.89	0.218	8.91	0.002
	CO	< 0.218	0.218	< 0.002	0.002
	CO_2	38.0	0.218	59.8	0.003
	CH_4	51.9	0.00011	29.8	0.006
	He	NM	NM	NM	NM
	Ar	< 0.218	0.218	< 0.003	0.003
HYDROCARBONS	C_2 (as Ethane)	< 0.00054	0.00054	< 0.0005	0.0005
	C_3 (as Propane)	0.00388	0.00011	0.0061	0.0002
	C_4 (as Butane)	0.00190	0.00011	0.0040	0.0002
	C_5 (as Pentane)	0.00659	0.00011	0.0170	0.0003
	C_6 (as Hexane)	0.00630	0.00011	0.0194	0.0003
	C_{6+} (as Hexane)	0.0452	0.00011	0.139	0.0003
TRS	Total Reduced Sulfur	0.000201	0.0000022	0.000244	0.000002
H2O	Moisture content	NM	NM	NM	NM

All results have been normalized to 100% on a dry basis.

Fuel Gas Specifications			
Atomic Breakdown - (scf/lb) / %		*HHV Btu/lb*	7161
Carbon (C)	38.8	*LHV Btu/lb*	6449
Hydrogen (H)	7.5	*HHV Btu/dscf*	527
Oxygen (O)	44.8	*LHV Btu/dscf*	475
Nitrogen (N)	8.9	*F-Factor*	9413
Helium (He)	0.00	*Relative Density*	0.9652
Argon (Ar)	0.00	*C2-C6+ Weight %*	0.0000
Sulfur (S)	0.00	*MW lb/lb-mole*	27.953
Motor Octane Number	89.98	*Methane Number*	27.03
		Wobbe Number	536.921

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Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

CLIENT : **Air Science Technologies, Inc.**
PROJECT NO. : **220915**
MATRIX : **AIR**
UNITS : **ppmV**

SAMPLING DATE : **04/26/2022**
ANALYSIS DATE : **05/02/2022**

Total Reduced Sulfur Compounds Analysis by ASTM D-5504

Client ID	**Inlet LFG Run 2**
AAC ID	**220915-30700**
Canister Dil. Fac.	**2.2**
Analyte	**Result**
Hydrogen Sulfide	< 0.109
COS / SO2	< 0.109
Methyl Mercaptan	< 0.109
Ethyl Mercaptan	< 0.109
Dimethyl Sulfide	**2.05**
Carbon Disulfide	< 0.109
Isopropyl Mercaptan	< 0.109
tert-Butyl Mercaptan	< 0.109
n-Propyl Mercaptan	< 0.109
Methylethylsulfide	< 0.109
sec-Butyl Mercaptan / Thiophene	< 0.109
iso-Butyl Mercaptan	< 0.109
Diethyl Sulfide	< 0.109
n-Butyl Mercaptan	< 0.109
Dimethyl Disulfide	< 0.109
2-Methylthiophene	< 0.109
3-Methylthiophene	< 0.109
Tetrahydrothiophene	< 0.109
Bromothiophene	< 0.109
Thiophenol	< 0.109
Diethyl Disulfide	< 0.109
Total Unidentified Sulfur	< 0.109
Total Reduced Sulfurs	**2.05**

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO_2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report
ASTM-D3588 (BTU and F-Factor)

CLIENT : Air Science Technologies, Inc.
PROJECT NO. : 220915

SAMPLING DATE : 04/26/2022
ANALYSIS DATE : 05/03-04/2022

	Client ID:	Inlet LFG Run 3			
	AAC ID:	220915-30701			
	Component	Mole %	Mole % SRL	Weight %	Weight % SRL
FIXED GASES	H_2	< 2.09	2.09	< 0.001	0.001
	O_2	0.266	0.209	0.305	0.002
	N_2	6.32	0.209	6.34	0.002
	CO	< 0.209	0.209	< 0.002	0.002
	CO_2	39.5	0.209	62.3	0.003
	CH_4	53.8	0.00010	30.9	0.006
	He	NM	NM	NM	NM
	Ar	< 0.209	0.209	< 0.003	0.003
HYDROCARBONS	C_2 (as Ethane)	< 0.00052	0.00052	< 0.0005	0.0005
	C_3 (as Propane)	0.00387	0.00010	0.0061	0.0002
	C_4 (as Butane)	0.00180	0.00010	0.0037	0.0002
	C_5 (as Pentane)	0.00511	0.00010	0.0132	0.0002
	C_6 (as Hexane)	0.00587	0.00010	0.0181	0.0003
	C_{6+} (as Hexane)	0.0360	0.00010	0.111	0.0003
TRS	Total Reduced Sulfur	0.00112	0.0000021	0.00137	0.000002
H2O	Moisture content	NM	NM	NM	NM

All results have been normalized to 100% on a dry basis.

Fuel Gas Specifications			
Atomic Breakdown - (scf/lb) / %		*HHV Btu/lb*	7419
Carbon (C)	40.3	*LHV Btu/lb*	6680
Hydrogen (H)	7.8	*HHV Btu/dscf*	546
Oxygen (O)	45.6	*LHV Btu/dscf*	492
Nitrogen (N)	6.3	*F-Factor*	9423
Helium (He)	0.00	*Relative Density*	0.9645
Argon (Ar)	0.00	*C2-C6+ Weight %*	0.0000
Sulfur (S)	0.00	*MW lb/lb-mole*	27.931
Motor Octane Number	89.88	*Methane Number*	26.86
		Wobbe Number	555.986

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Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

CLIENT : **Air Science Technologies, Inc.**
PROJECT NO. : **220915**
MATRIX : **AIR**
UNITS : **ppmV**

SAMPLING DATE : **04/26/2022**
ANALYSIS DATE : **05/02/2022**

Total Reduced Sulfur Compounds Analysis by ASTM D-5504

Client ID	**Inlet LFG Run 3**
AAC ID	**220915-30701**
Canister Dil. Fac.	**2.1**
Analyte	**Result**
Hydrogen Sulfide	**5.76**
COS / SO2	< 0.105
Methyl Mercaptan	**0.653**
Ethyl Mercaptan	< 0.105
Dimethyl Sulfide	**2.04**
Carbon Disulfide	< 0.105
Isopropyl Mercaptan	< 0.105
tert-Butyl Mercaptan	< 0.105
n-Propyl Mercaptan	< 0.105
Methylethylsulfide	< 0.105
sec-Butyl Mercaptan / Thiophene	**1.82**
iso-Butyl Mercaptan	< 0.105
Diethyl Sulfide	< 0.105
n-Butyl Mercaptan	< 0.105
Dimethyl Disulfide	**0.107**
2-Methylthiophene	**0.230**
3-Methylthiophene	< 0.105
Tetrahydrothiophene	< 0.105
Bromothiophene	< 0.105
Thiophenol	< 0.105
Diethyl Disulfide	< 0.105
Total Unidentified Sulfur	**0.327**
Total Reduced Sulfurs	**10.9**

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO_2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.

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Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

Client : **Air Science Technologies, Inc.**
Project No. : **220915**
Matrix : **AIR**
Units : **ppmC**

Sampling Date : **04/26/2022**
Receiving Date : **04/28/2022**
Analysis Date : **05/04/2022**
Report Date : **05/12/2022**

EPA 25C

Reporting Limit: 3.0 ppmC		*Canister Dilution Factor*	*Analysis Dilution Factor*	TNMOC*	SRL (RL x DF's)
Client Sample ID	AAC ID				
Inlet LFG Run 1	220915-30699	2.1	5.0	3586	31.5
Inlet LFG Run 2	220915-30700	2.2	5.0	4302	32.7
Inlet LFG Run 3	220915-30701	2.1	5.0	3724	31.4

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

**Total Non-Methane Organic Carbon*

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

CLIENT : **Air Science Technologies, Inc.**
PROJECT NO. : **220915**
MATRIX : **Air**
UNITS : **ppmV**

SAMPLING DATE : **04/26/2022**
RECEIVING DATE : **04/28/2022**
ANALYSIS DATE : **05/03-04/2022**
REPORT DATE : **05/12/2022**

Hydrocarbons by EPA 18 Modified

Client ID	Outlet Run 1		SRL (RL x DF's)	Outlet Run 2		SRL (RL x DF's)	Outlet Run 3		SRL (RL x DF's)	Reporting Limit (RL)
AAC ID	220915-30702			220915-30703			220915-30704			
Canister Dil. Fac.	1.4			1.2			1.3			
Analyte	Result	Analysis Dil. Fac.		Result	Analysis Dil. Fac.		Result	Analysis Dil. Fac.		
Methane	**3.6**	1	0.7	**3.3**	1	0.6	**3.1**	1	0.6	0.5
TNMHC (as Methane)	<SRL	1	0.7	<SRL	1	0.6	<SRL	1	0.6	0.5

Sample Reporting Limit (SRL) is equal to Reporting Limit (RL) x Canister Dilution Factor x Analysis Dilution Factor (if applicable)
TNMHC - Total Non-Methane Hydrocarbons Reported as Methane

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Atmospheric Analysis & Consulting, Inc

Quality Control/Quality Assurance Report
ASTM D-5504

Date Analyzed: 5/2/2022
Analyst: ZD
Units: ppbV

Instrument ID: SCD#10
Calb. Date: 12/8/2021

Opening Calibration Verification Standard

519.8 ppbV H2S (SS1289)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	3044	534	102.7	1.8
Duplicate	3014	529	101.7	0.8
Triplicate	2910	510	98.2	2.7

527.0 ppbV H2S (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	3448	522	99.0	0.0
Duplicate	3472	525	99.6	0.7
Triplicate	3428	518	98.4	0.6

522.0 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	4082	541	103.7	3.3
Duplicate	3845	510	97.7	2.7
Triplicate	3929	521	99.8	0.6

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID** 220865-30420

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H_2S	<PQL	<PQL	0.0	0.0
MeSH	<PQL	<PQL	0.0	0.0
DMS	<PQL	<PQL	0.0	0.0

Matrix Spike & Duplicate **Sample ID** 220629-29435

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	259.9	264.3	253.0	101.7	97.3	4.4
MeSH	<PQL	263.5	247.5	245.8	93.9	93.3	0.7
DMS	<PQL	261.0	252.5	246.2	96.7	94.3	2.5

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	519.8	551.1	106.0
MeSH	527.0	558.8	106.0
DMS	522.0	555.9	106.5

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

H2S: PQL = 10.5 ppbV, MDL = 1.12 ppbV
MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbV
DMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

Quality Control/Quality Assurance Report

Date Analyzed : 05/04/2022
Analyst : ZD
Units : %

Instrument ID : GC-TCA #2
Calb Date : 01/17/2022
Reporting Limit : 0.1%

I - Opening Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	H_2	O_2	N_2	CH_4	CO	CO_2
CCV	Spike Conc	9.4	10.8	21.4	10.3	10.2	10.2
	Result	9.4	10.7	22.0	10.1	10.1	10.1
	% Rec *	100.2	98.8	102.9	98.7	98.7	99.0

II - Method Blank - BTU/ASTM D-1945

AAC ID	Analyte	H_2	O_2	N_2	CH_4	CO	CO_2
MB	Concentration	ND	ND	ND	ND	ND	ND

III - Laboratory Control Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	H_2	O_2	N_2	CH_4	CO	CO_2
Lab Control Standards	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	9.4	10.8	21.4	10.3	10.2	10.2
	LCS Result	9.8	10.5	21.9	10.2	10.2	10.2
	LCSD Result	10.2	10.4	21.9	10.1	10.1	10.2
	LCS % Rec *	104.1	97.2	102.4	99.4	99.4	99.7
	LCSD % Rec *	108.6	96.1	102.7	98.8	99.1	99.9
	% RPD ***	4.2	1.1	0.3	0.6	0.3	0.2

IV -Sample & Sample Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	H_2	O_2	N_2	CH_4	CO	CO_2
220882-30465	Sample	0.0	0.1	3.0	25.0	0.0	18.4
	Sample Dup	0.0	0.1	2.9	25.2	0.0	18.4
	Mean	0.0	0.1	2.9	25.1	0.0	18.4
	% RPD ***	0.0	1.6	2.9	0.6	0.0	0.0

V - Matrix Spike & Duplicate- BTU/ASTM D-1945

AAC ID	Analyte	H_2	N_2	CH_4	CO	CO_2
220882-30465	Sample Conc	0.0	1.5	12.5	0.0	9.2
	Spike Conc	9.4	10.1	10.3	10.2	10.2
	MS Result	10.9	12.4	22.3	9.7	18.8
	MSD Result	10.9	11.7	22.5	9.5	19.1
	MS % Rec **	116.4	107.5	94.8	94.5	94.5
	MSD % Rec **	116.2	100.6	97.2	92.8	96.7
	% RPD ***	0.2	6.7	2.6	1.8	2.3

VI - Closing Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	H_2	O_2	N_2	CH_4	CO	CO_2
CCV	Spike Conc	9.4	10.8	21.4	10.3	10.2	10.2
	Result	10.2	10.1	20.2	10.2	10.2	10.2
	% Rec *	108.5	93.3	94.5	99.4	99.7	99.7

** Must be 85-115%*

*** Must be 75-125%*

**** Must be < 25%*

ND = Not Detected

<RL = less than Reporting Limit

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Atmospheric Analysis & Consulting, Inc

Quality Control/Quality Assurance Report

Analysis Date : 05/04/2022
Analyst : ZD
Units : ppmv

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

I - Opening Calibration Verification Standard - Method 25C

Analyte	xRF	DRF	%RPD*
Propane	315066	334327	5.9

II - TNMOC Response Factor - Method 25C

Analyte	xRF	CV RF	CV dp RF	CV tp RF	Average RF	% RPD***
Propane	315066	334327	305285	298495	312702	0.8

III - Method Blank - Method 25C

AAC ID	Analyte	Sample Result
MB	TNMOC	0.00

IV - Laboratory Control Spike & Duplicate - Method 25C

AAC ID	Analyte	Spike Added	LCS	LCSD	LCS % Rec **	LCSD % Rec **	% RPD***
LCS/LCSD	Propane	51.0	49.10	48.01	96.4	94.2	2.2

V - Closing Calibration Verification Standard - Method 25C

Analyte	xCF	dCF	%RPD*
Propane	315066	312232	0.9

xCF - Average Calibration Factor from Initial Calibration Curve
dCF - Daily Calibration Factor
* Must be <15%
** Must be 90-110 %
*** Must be <20%

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Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report

Date Analyzed : 05/03/2022
Analyst : ZD/MR
Units : ppmv

Instrument ID : FID #3
Calb Date : 02/01/22
Reporting Limit : 0.5 ppmv

I - Opening Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	Result	100.1	101.8	101.1	100.8	101.6	103.4
	% Rec *	101.3	102.7	102.5	102.8	103.5	103.7

II - Method Blank - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
MB	Concentration	ND	ND	ND	ND	ND	ND

III - Laboratory Control Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
Lab Control Standards	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	LCS Result	87.6	89.3	88.3	87.9	89.5	89.5
	LCSD Result	96.6	94.4	97.7	98.9	97.7	98.4
	LCS % Rec *	88.6	90.1	89.5	89.6	91.2	89.8
	LCSD % Rec *	97.7	95.3	99.0	100.8	99.5	98.6
	% RPD ***	9.9	5.6	10.1	11.8	8.8	9.4

IV - Sample & Sample Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
220521-28934	Sample	0.0	0.0	0.0	0.0	0.0	0.0
	Sample Dup	0.0	0.0	0.0	0.0	0.0	0.0
	Mean	0.0	0.0	0.0	0.0	0.0	0.0
	% RPD ***	0.0	0.0	0.0	0.0	0.0	0.0

V - Matrix Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
220521-28934	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	49.4	49.6	49.4	49.0	49.1	49.9
	MS Result	49.5	49.3	48.9	48.3	49.3	48.4
	MSD Result	52.1	52.1	51.8	51.2	51.2	51.1
	MS % Rec **	100.2	99.5	99.1	98.6	100.5	97.0
	MSD % Rec **	105.4	105.2	105.0	104.5	104.2	102.5
	% RPD ***	5.1	5.5	5.8	5.8	3.6	5.5

VI - Closing Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	Result	95.2	92.5	91.0	91.1	90.7	90.7
	% Rec *	96.3	93.4	92.2	92.8	92.4	91.0

** Must be 85-115%*

*** Must be 75-125%*

**** Must be < 25%*

ND = Not Detected

<RL = less than Reporting Limit

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

Quality Control/Quality Assurance Report

Date Analyzed : 05/03/2022
Analyst : ZD/MR
Units : ppmv

Instrument ID : FID #3
Calb Date : 02/01/22
Reporting Limit : 0.5 ppmv

I - Opening Continuing Calibration Verification - EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	Result	100.1	101.8	101.1	100.8	101.6	103.4
	% Rec *	101.3	102.7	102.5	102.8	103.5	103.7

II - Method Blank - EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
MB	Concentration	ND	ND	ND	ND	ND	ND

III - Laboratory Control Spike & Duplicate - EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
Lab Control Standards	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	LCS Result	87.6	89.3	88.3	87.9	89.5	89.5
	LCSD Result	96.6	94.4	97.7	98.9	97.7	98.4
	LCS % Rec **	88.6	90.1	89.5	89.6	91.2	89.8
	LCSD % Rec **	97.7	95.3	99.0	100.8	99.5	98.6
	% RPD ***	9.9	5.6	10.1	11.8	8.8	9.4

IV -Sample & Sample Duplicate - EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
220521-28934	Sample	0.0	0.0	0.0	0.0	0.0	0.0
	Sample Dup	0.0	0.0	0.0	0.0	0.0	0.0
	Mean	0.0	0.0	0.0	0.0	0.0	0.0
	% RPD ***	0.0	0.0	0.0	0.0	0.0	0.0

V - Matrix Spike & Duplicate- EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
220521-28934	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	49.4	49.6	49.4	49.0	49.1	49.9
	MS Result	49.5	49.3	48.9	48.3	49.3	48.4
	MSD Result	52.1	52.1	51.8	51.2	51.2	51.1
	MS % Rec **	100.2	99.5	99.1	98.6	100.5	97.0
	MSD % Rec **	105.4	105.2	105.0	104.5	104.2	102.5
	% RPD ***	5.1	5.5	5.8	5.8	3.6	5.5

VI - Closing Continuing Calibration Verification - EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	Result	95.2	92.5	91.0	91.1	90.7	90.7
	% Rec *	96.3	93.4	92.2	92.8	92.4	91.0

** Must be 85-115%*

*** Must be 75-125%*

**** Must be < 25%*

ND = Not Detected

<RL = less than Reporting Limit

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Atmospheric Analysis & Consulting, Inc

Quality Control/Quality Assurance Report

Date Analyzed : 05/04/2022
Analyst : ZD/MR
Units : ppmv

Instrument ID : FID #3
Calb Date : 02/01/22
Reporting Limit : 0.5 ppmv

I - Opening Continuing Calibration Verification - EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	Result	97.1	98.0	96.3	96.4	96.2	95.4
	% Rec *	98.3	98.9	97.6	98.3	98.0	95.7

II - Method Blank - EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
MB	Concentration	ND	ND	ND	ND	ND	ND

III - Laboratory Control Spike & Duplicate - EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
Lab Control Standards	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	LCS Result	98.0	98.2	96.8	96.6	96.7	97.0
	LCSD Result	93.8	94.2	92.8	92.9	95.1	94.3
	LCS % Rec **	99.1	99.0	98.1	98.5	98.5	97.3
	LCSD % Rec **	94.9	95.1	94.0	94.7	96.9	94.6
	% RPD ***	4.4	4.1	4.2	3.9	1.6	2.9

IV -Sample & Sample Duplicate - EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
220521-28934	Sample	0.0	0.0	0.0	0.0	0.0	0.0
	Sample Dup	0.0	0.0	0.0	0.0	0.0	0.0
	Mean	0.0	0.0	0.0	0.0	0.0	0.0
	% RPD ***	0.0	0.0	0.0	0.0	0.0	0.0

V - Matrix Spike & Duplicate- EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
220521-28934	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	49.4	49.6	49.4	49.0	49.1	49.9
	MS Result	54.3	54.6	53.8	53.8	54.2	54.4
	MSD Result	51.6	51.7	51.3	50.3	50.7	51.4
	MS % Rec **	109.8	110.1	109.1	109.6	110.4	109.0
	MSD % Rec **	104.4	104.3	103.9	102.5	103.4	103.0
	% RPD ***	5.1	5.4	4.9	6.7	6.6	5.7

VI - Closing Continuing Calibration Verification - EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	Result	94.6	96.0	95.1	96.7	100.7	108.6
	% Rec *	95.7	96.8	96.3	98.6	102.6	108.9

** Must be 85-115%*

*** Must be 75-125%*

**** Must be < 25%*

ND = Not Detected

<RL = less than Reporting Limit

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

220915

Air Science Technologies, Inc.
247 Rodeo Avenue Rodeo, CA 94572
(510) 799-4638 FAX (510) 799-6658

Chain of Custody Record

Project Name: North County	**Turnaround Time:** Normal
Project Manager: Jonathan Strickland	**Email** Jonathan@airscitech.com
Collected by: (Print and Sign) Jonathan Strickland	**Phone** 360-984-8336 **Fax**

Field Sample ID	Date Collected	Time Collected	Reagent	Sample Type	LAB ID	Analyses Requested	Notes:
Inlet LFG Run 1	4/26/22	1042	30699	Can		H2S + Fixed gas M25C D5504 / 3588 NMOCCH4	
Run 2	"	1124	30700	"		" "	
Run 3	"	1206	30701	"		" "	
Outlet Run 1	4/26/22	1042	30702	Can		M18 MOB / NMOC + CH4	
Run 2	"	1124	30703	"		" "	
Run 3	"	1206	30704	"		" "	

Reliquished by: (Signature) Date/Time 04/27/2022 1000	Received by: (Signature) Date/Time 4/28/22 1107
Reliquished by: (Signature) Date/Time	Received by: (Signature) Date/Time
Reliquished by: (Signature) Date/Time	Received by: (Signature) Date/Time

EXHIBIT B - 2

fx 6x cans + 1x FC

Appendix G

Process Data

TRADE SECRET

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Process Data

DAQSTANDARD
Data Viewer
San Joaquin County Public Work 848-98031-****

Device Type	
Serial No.	
File Message	
Time Correction	
Starting Condition	
Dividing Condition	
Meas Ch.	
Math Ch.	
Ext Ch.	
Data Count	
Sampling Interval	
Start Time	0.000
Stop Time	0.000
Trigger Time	0.000
Trigger No.	
Damage Check	
Started by	
Stopped by	

Num. Of Converted Data	
Num. Of Converted Ch.	
Converted Group	

Date	Time	Flow Rate (SCFM)	Middle thermocou Temp (F)
2022/04/26	10:32:00	632	1518
2022/04/26	10:32:10	624	1528
2022/04/26	10:32:20	627	1523
2022/04/26	10:32:30	632	1520
2022/04/26	10:32:40	632	1522
2022/04/26	10:32:50	628	1520
2022/04/26	10:33:00	628	1519
2022/04/26	10:33:10	632	1528
2022/04/26	10:33:20	631	1518
2022/04/26	10:33:30	632	1516
2022/04/26	10:33:40	628	1524
2022/04/26	10:33:50	631	1525
2022/04/26	10:34:00	628	1510
2022/04/26	10:34:10	632	1510
2022/04/26	10:34:20	632	1526
2022/04/26	10:34:30	629	1520
2022/04/26	10:34:40	628	1529
2022/04/26	10:34:50	624	1529
2022/04/26	10:35:00	627	1517
2022/04/26	10:35:10	632	1511
2022/04/26	10:35:20	632	1518
2022/04/26	10:35:30	627	1529
2022/04/26	10:35:40	626	1526
2022/04/26	10:35:50	628	1524
2022/04/26	10:36:00	631	1523
2022/04/26	10:36:10	632	1527
2022/04/26	10:36:20	628	1526
2022/04/26	10:36:30	628	1524
2022/04/26	10:36:40	632	1524
2022/04/26	10:36:50	632	1521
2022/04/26	10:37:00	632	1516
2022/04/26	10:37:10	628	1514
2022/04/26	10:37:20	628	1525
2022/04/26	10:37:30	628	1530
2022/04/26	10:37:40	628	1523
2022/04/26	10:37:50	632	1519
2022/04/26	10:38:00	632	1519
2022/04/26	10:38:10	628	1521
2022/04/26	10:38:20	632	1519
2022/04/26	10:38:30	624	1525
2022/04/26	10:38:40	628	1520
2022/04/26	10:38:50	628	1523

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Process Data

Date	Time	Flow Rate (SCFM)	Middle thermocou Temp (F)
2022/04/26	10:39:00	628	1523
2022/04/26	10:39:10	624	1519
2022/04/26	10:39:20	628	1522
2022/04/26	10:39:30	632	1518
2022/04/26	10:39:40	628	1518
2022/04/26	10:39:50	628	1521
2022/04/26	10:40:00	627	1526
2022/04/26	10:40:10	632	1511
2022/04/26	10:40:20	628	1513
2022/04/26	10:40:30	629	1529
2022/04/26	10:40:40	630	1529
2022/04/26	10:40:50	627	1529
2022/04/26	10:41:00	628	1529
2022/04/26	10:41:10	628	1521
2022/04/26	10:41:20	632	1514
2022/04/26	10:41:30	624	1510
2022/04/26	10:41:40	631	1522
2022/04/26	10:41:50	628	1518
Start Run 1			
2022/04/26	10:42:00	628	1519
2022/04/26	10:42:10	624	1528
2022/04/26	10:42:20	624	1513
2022/04/26	10:42:30	628	1510
2022/04/26	10:42:40	628	1528
2022/04/26	10:42:50	628	1513
2022/04/26	10:43:00	631	1512
2022/04/26	10:43:10	631	1522
2022/04/26	10:43:20	632	1522
2022/04/26	10:43:30	627	1528
2022/04/26	10:43:40	627	1528
2022/04/26	10:43:50	632	1524
2022/04/26	10:44:00	632	1526
2022/04/26	10:44:10	628	1518
2022/04/26	10:44:20	629	1516
2022/04/26	10:44:30	628	1521
2022/04/26	10:44:40	628	1522
2022/04/26	10:44:50	628	1524
2022/04/26	10:45:00	627	1524
2022/04/26	10:45:10	628	1521
2022/04/26	10:45:20	628	1517
2022/04/26	10:45:30	632	1520
2022/04/26	10:45:40	628	1526
2022/04/26	10:45:50	628	1520
2022/04/26	10:46:00	632	1521
2022/04/26	10:46:10	632	1523
2022/04/26	10:46:20	631	1524
2022/04/26	10:46:30	632	1530
2022/04/26	10:46:40	628	1517
2022/04/26	10:46:50	632	1510
2022/04/26	10:47:00	624	1520
2022/04/26	10:47:10	628	1531
2022/04/26	10:47:20	628	1506
2022/04/26	10:47:30	632	1503
2022/04/26	10:47:40	632	1526
2022/04/26	10:47:50	628	1520
2022/04/26	10:48:00	628	1511
2022/04/26	10:48:10	628	1513
2022/04/26	10:48:20	633	1510
2022/04/26	10:48:30	632	1522
2022/04/26	10:48:40	628	1534
2022/04/26	10:48:50	629	1525
2022/04/26	10:49:00	630	1506
2022/04/26	10:49:10	628	1506
2022/04/26	10:49:20	631	1516
2022/04/26	10:49:30	630	1533
2022/04/26	10:49:40	633	1534
2022/04/26	10:49:50	629	1528
2022/04/26	10:50:00	633	1520
2022/04/26	10:50:10	632	1514

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Process Data

Date	Time	Flow Rate (SCFM)	Middle thermocou Temp (F)
2022/04/26	10:50:20	633	1515
2022/04/26	10:50:30	632	1517
2022/04/26	10:50:40	632	1528
2022/04/26	10:50:50	632	1530
2022/04/26	10:51:00	624	1512
2022/04/26	10:51:10	629	1514
2022/04/26	10:51:20	624	1531
2022/04/26	10:51:30	632	1518
2022/04/26	10:51:40	632	1520
2022/04/26	10:51:50	629	1525
2022/04/26	10:52:00	633	1521
2022/04/26	10:52:10	631	1507
2022/04/26	10:52:20	633	1506
2022/04/26	10:52:30	633	1527
2022/04/26	10:52:40	628	1530
2022/04/26	10:52:50	628	1513
2022/04/26	10:53:00	629	1513
2022/04/26	10:53:10	629	1520
2022/04/26	10:53:20	633	1516
2022/04/26	10:53:30	633	1516
2022/04/26	10:53:40	628	1533
2022/04/26	10:53:50	628	1517
2022/04/26	10:54:00	631	1514
2022/04/26	10:54:10	628	1515
2022/04/26	10:54:20	629	1513
2022/04/26	10:54:30	625	1524
2022/04/26	10:54:40	633	1527
2022/04/26	10:54:50	633	1517
2022/04/26	10:55:00	631	1517
2022/04/26	10:55:10	633	1521
2022/04/26	10:55:20	627	1531
2022/04/26	10:55:30	633	1517
2022/04/26	10:55:40	633	1519
2022/04/26	10:55:50	629	1527
2022/04/26	10:56:00	629	1512
2022/04/26	10:56:10	632	1511
2022/04/26	10:56:20	632	1529
2022/04/26	10:56:30	628	1524
2022/04/26	10:56:40	628	1525
2022/04/26	10:56:50	625	1512
2022/04/26	10:57:00	632	1512
2022/04/26	10:57:10	629	1521
2022/04/26	10:57:20	629	1531
2022/04/26	10:57:30	625	1519
2022/04/26	10:57:40	630	1513
2022/04/26	10:57:50	629	1522
2022/04/26	10:58:00	629	1532
2022/04/26	10:58:10	633	1514
2022/04/26	10:58:20	630	1514
2022/04/26	10:58:30	632	1523
2022/04/26	10:58:40	633	1516
2022/04/26	10:58:50	636	1510
2022/04/26	10:59:00	633	1533
2022/04/26	10:59:10	629	1528
2022/04/26	10:59:20	629	1523
2022/04/26	10:59:30	633	1516
2022/04/26	10:59:40	629	1508
2022/04/26	10:59:50	632	1508
2022/04/26	11:00:00	626	1524
2022/04/26	11:00:10	629	1532
2022/04/26	11:00:20	629	1517
2022/04/26	11:00:30	633	1505
2022/04/26	11:00:40	633	1513
2022/04/26	11:00:50	633	1521
2022/04/26	11:01:00	632	1521
2022/04/26	11:01:10	633	1537
2022/04/26	11:01:20	633	1517
2022/04/26	11:01:30	625	1510
2022/04/26	11:01:40	629	1514

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Process Data

Date	Time	Flow Rate (SCFM)	Middle thermocou Temp (F)
2022/04/26	11:01:50	628	1526
2022/04/26	11:02:00	633	1528
2022/04/26	11:02:10	629	1518
2022/04/26	11:02:20	633	1520
2022/04/26	11:02:30	633	1522
2022/04/26	11:02:40	628	1534
2022/04/26	11:02:50	633	1532
2022/04/26	11:03:00	627	1523
2022/04/26	11:03:10	633	1511
2022/04/26	11:03:20	633	1515
2022/04/26	11:03:30	629	1511
2022/04/26	11:03:40	632	1513
2022/04/26	11:03:50	632	1525
2022/04/26	11:04:00	629	1525
2022/04/26	11:04:10	631	1524
2022/04/26	11:04:20	625	1532
2022/04/26	11:04:30	625	1516
2022/04/26	11:04:40	633	1511
2022/04/26	11:04:50	633	1516
2022/04/26	11:05:00	633	1525
2022/04/26	11:05:10	633	1518
2022/04/26	11:05:20	633	1518
2022/04/26	11:05:30	633	1531
2022/04/26	11:05:40	637	1534
2022/04/26	11:05:50	631	1522
2022/04/26	11:06:00	627	1506
2022/04/26	11:06:10	629	1505
2022/04/26	11:06:20	633	1517
2022/04/26	11:06:30	633	1528
2022/04/26	11:06:40	634	1529
2022/04/26	11:06:50	633	1530
2022/04/26	11:07:00	632	1516
2022/04/26	11:07:10	629	1517
2022/04/26	11:07:20	633	1519
2022/04/26	11:07:30	629	1511
2022/04/26	11:07:40	633	1519
2022/04/26	11:07:50	634	1533
2022/04/26	11:08:00	634	1526
2022/04/26	11:08:10	634	1519
2022/04/26	11:08:20	630	1519
2022/04/26	11:08:30	633	1518
2022/04/26	11:08:40	634	1516
2022/04/26	11:08:50	634	1516
2022/04/26	11:09:00	634	1522
2022/04/26	11:09:10	633	1527
2022/04/26	11:09:20	634	1524
2022/04/26	11:09:30	634	1515
2022/04/26	11:09:40	630	1514
2022/04/26	11:09:50	629	1529
2022/04/26	11:10:00	634	1524
2022/04/26	11:10:10	634	1517
2022/04/26	11:10:20	634	1526
2022/04/26	11:10:30	630	1516
2022/04/26	11:10:40	634	1515
2022/04/26	11:10:50	629	1516
2022/04/26	11:11:00	628	1523
2022/04/26	11:11:10	634	1513
2022/04/26	11:11:20	634	1517
2022/04/26	11:11:30	634	1529
2022/04/26	11:11:40	630	1521
2022/04/26	11:11:50	634	1517
Average Run 1		**631**	**1520**
2022/04/26	11:12:00	633	1523
2022/04/26	11:12:10	634	1520
2022/04/26	11:12:20	633	1520
2022/04/26	11:12:30	633	1526
2022/04/26	11:12:40	630	1526
2022/04/26	11:12:50	626	1517
2022/04/26	11:13:00	634	1512

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North County Sanitary
Landfill Flare
Process Data

Date	Time	Flow Rate (SCFM)	Middle thermocou Temp (F)
2022/04/26	11:13:10	634	1514
2022/04/26	11:13:20	634	1537
2022/04/26	11:13:30	630	1515
2022/04/26	11:13:40	630	1515
2022/04/26	11:13:50	630	1515
2022/04/26	11:14:00	630	1524
2022/04/26	11:14:10	626	1530
2022/04/26	11:14:20	626	1529
2022/04/26	11:14:30	629	1510
2022/04/26	11:14:40	630	1507
2022/04/26	11:14:50	630	1507
2022/04/26	11:15:00	626	1533
2022/04/26	11:15:10	630	1527
2022/04/26	11:15:20	626	1512
2022/04/26	11:15:30	630	1511
2022/04/26	11:15:40	631	1527
2022/04/26	11:15:50	630	1523
2022/04/26	11:16:00	630	1517
2022/04/26	11:16:10	630	1514
2022/04/26	11:16:20	630	1513
2022/04/26	11:16:30	630	1526
2022/04/26	11:16:40	630	1523
2022/04/26	11:16:50	629	1508
2022/04/26	11:17:00	629	1507
2022/04/26	11:17:10	626	1532
2022/04/26	11:17:20	630	1532
2022/04/26	11:17:30	629	1519
2022/04/26	11:17:40	630	1511
2022/04/26	11:17:50	630	1522
2022/04/26	11:18:00	634	1522
2022/04/26	11:18:10	630	1510
2022/04/26	11:18:20	631	1510
2022/04/26	11:18:30	634	1529
2022/04/26	11:18:40	634	1518
2022/04/26	11:18:50	627	1517
2022/04/26	11:19:00	630	1533
2022/04/26	11:19:10	630	1521
2022/04/26	11:19:20	634	1524
2022/04/26	11:19:30	634	1529
2022/04/26	11:19:40	633	1526
2022/04/26	11:19:50	630	1514
2022/04/26	11:20:00	634	1500
2022/04/26	11:20:10	634	1510
2022/04/26	11:20:20	633	1533
2022/04/26	11:20:30	630	1520
2022/04/26	11:20:40	630	1521
2022/04/26	11:20:50	630	1515
2022/04/26	11:21:00	634	1521
2022/04/26	11:21:10	633	1522
2022/04/26	11:21:20	630	1527
2022/04/26	11:21:30	630	1513
2022/04/26	11:21:40	630	1511
2022/04/26	11:21:50	630	1523
2022/04/26	11:22:00	629	1533
2022/04/26	11:22:10	632	1516
2022/04/26	11:22:20	630	1509
2022/04/26	11:22:30	630	1508
2022/04/26	11:22:40	632	1528
2022/04/26	11:22:50	630	1525
2022/04/26	11:23:00	626	1521
2022/04/26	11:23:10	629	1520
2022/04/26	11:23:20	630	1517
2022/04/26	11:23:30	634	1521
2022/04/26	11:23:40	629	1529
2022/04/26	11:23:50	634	1519
Start Run 2			
2022/04/26	11:24:00	628	1512
2022/04/26	11:24:10	630	1522
2022/04/26	11:24:20	626	1520

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Process Data

Date	Time	Flow Rate (SCFM)	Middle thermocou Temp (F)
2022/04/26	11:24:30	630	1512
2022/04/26	11:24:40	633	1527
2022/04/26	11:24:50	630	1528
2022/04/26	11:25:00	630	1519
2022/04/26	11:25:10	632	1517
2022/04/26	11:25:20	634	1522
2022/04/26	11:25:30	633	1532
2022/04/26	11:25:40	630	1533
2022/04/26	11:25:50	630	1509
2022/04/26	11:26:00	634	1508
2022/04/26	11:26:10	626	1522
2022/04/26	11:26:20	634	1522
2022/04/26	11:26:30	626	1508
2022/04/26	11:26:40	633	1510
2022/04/26	11:26:50	634	1529
2022/04/26	11:27:00	634	1521
2022/04/26	11:27:10	630	1523
2022/04/26	11:27:20	634	1517
2022/04/26	11:27:30	630	1522
2022/04/26	11:27:40	634	1526
2022/04/26	11:27:50	634	1517
2022/04/26	11:28:00	633	1518
2022/04/26	11:28:10	629	1516
2022/04/26	11:28:20	633	1533
2022/04/26	11:28:30	630	1525
2022/04/26	11:28:40	629	1512
2022/04/26	11:28:50	630	1511
2022/04/26	11:29:00	634	1522
2022/04/26	11:29:10	634	1521
2022/04/26	11:29:20	634	1535
2022/04/26	11:29:30	630	1519
2022/04/26	11:29:40	630	1513
2022/04/26	11:29:50	631	1516
2022/04/26	11:30:00	630	1529
2022/04/26	11:30:10	629	1520
2022/04/26	11:30:20	630	1517
2022/04/26	11:30:30	630	1516
2022/04/26	11:30:40	630	1516
2022/04/26	11:30:50	631	1524
2022/04/26	11:31:00	634	1534
2022/04/26	11:31:10	630	1530
2022/04/26	11:31:20	634	1505
2022/04/26	11:31:30	630	1503
2022/04/26	11:31:40	634	1516
2022/04/26	11:31:50	630	1524
2022/04/26	11:32:00	634	1522
2022/04/26	11:32:10	634	1516
2022/04/26	11:32:20	634	1527
2022/04/26	11:32:30	633	1527
2022/04/26	11:32:40	634	1515
2022/04/26	11:32:50	634	1517
2022/04/26	11:33:00	634	1537
2022/04/26	11:33:10	634	1522
2022/04/26	11:33:20	634	1511
2022/04/26	11:33:30	634	1513
2022/04/26	11:33:40	634	1516
2022/04/26	11:33:50	629	1523
2022/04/26	11:34:00	630	1527
2022/04/26	11:34:10	634	1524
2022/04/26	11:34:20	634	1518
2022/04/26	11:34:30	634	1517
2022/04/26	11:34:40	634	1524
2022/04/26	11:34:50	626	1527
2022/04/26	11:35:00	633	1520
2022/04/26	11:35:10	633	1519
2022/04/26	11:35:20	630	1512
2022/04/26	11:35:30	634	1513
2022/04/26	11:35:40	634	1524
2022/04/26	11:35:50	631	1525

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North County Sanitary
Landfill Flare
Process Data

Date	Time	Flow Rate (SCFM)	Middle thermocou Temp (F)
2022/04/26	11:36:00	630	1520
2022/04/26	11:36:10	634	1519
2022/04/26	11:36:20	635	1526
2022/04/26	11:36:30	627	1518
2022/04/26	11:36:40	634	1516
2022/04/26	11:36:50	634	1516
2022/04/26	11:37:00	634	1524
2022/04/26	11:37:10	634	1522
2022/04/26	11:37:20	634	1521
2022/04/26	11:37:30	634	1529
2022/04/26	11:37:40	634	1525
2022/04/26	11:37:50	632	1512
2022/04/26	11:38:00	630	1512
2022/04/26	11:38:10	627	1516
2022/04/26	11:38:20	634	1512
2022/04/26	11:38:30	634	1526
2022/04/26	11:38:40	634	1529
2022/04/26	11:38:50	630	1518
2022/04/26	11:39:00	634	1515
2022/04/26	11:39:10	634	1523
2022/04/26	11:39:20	630	1528
2022/04/26	11:39:30	634	1521
2022/04/26	11:39:40	630	1510
2022/04/26	11:39:50	634	1510
2022/04/26	11:40:00	634	1522
2022/04/26	11:40:10	634	1528
2022/04/26	11:40:20	634	1524
2022/04/26	11:40:30	634	1524
2022/04/26	11:40:40	634	1526
2022/04/26	11:40:50	634	1528
2022/04/26	11:41:00	630	1512
2022/04/26	11:41:10	634	1513
2022/04/26	11:41:20	634	1528
2022/04/26	11:41:30	634	1532
2022/04/26	11:41:40	630	1516
2022/04/26	11:41:50	630	1505
2022/04/26	11:42:00	634	1514
2022/04/26	11:42:10	634	1518
2022/04/26	11:42:20	634	1520
2022/04/26	11:42:30	630	1529
2022/04/26	11:42:40	634	1518
2022/04/26	11:42:50	633	1514
2022/04/26	11:43:00	635	1516
2022/04/26	11:43:10	635	1521
2022/04/26	11:43:20	634	1526
2022/04/26	11:43:30	634	1521
2022/04/26	11:43:40	634	1519
2022/04/26	11:43:50	635	1527
2022/04/26	11:44:00	635	1526
2022/04/26	11:44:10	634	1529
2022/04/26	11:44:20	630	1529
2022/04/26	11:44:30	634	1518
2022/04/26	11:44:40	633	1504
2022/04/26	11:44:50	636	1507
2022/04/26	11:45:00	634	1529
2022/04/26	11:45:10	635	1517
2022/04/26	11:45:20	635	1513
2022/04/26	11:45:30	635	1515
2022/04/26	11:45:40	635	1523
2022/04/26	11:45:50	631	1522
2022/04/26	11:46:00	635	1529
2022/04/26	11:46:10	635	1525
2022/04/26	11:46:20	635	1515
2022/04/26	11:46:30	635	1515
2022/04/26	11:46:40	635	1527
2022/04/26	11:46:50	635	1521
2022/04/26	11:47:00	635	1504
2022/04/26	11:47:10	635	1504
2022/04/26	11:47:20	635	1529

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North County Sanitary
Landfill Flare
Process Data

Date	Time	Flow Rate (SCFM)	Middle thermocou Temp (F)
2022/04/26	11:47:30	635	1521
2022/04/26	11:47:40	635	1521
2022/04/26	11:47:50	636	1515
2022/04/26	11:48:00	635	1517
2022/04/26	11:48:10	635	1528
2022/04/26	11:48:20	630	1535
2022/04/26	11:48:30	634	1515
2022/04/26	11:48:40	631	1507
2022/04/26	11:48:50	635	1511
2022/04/26	11:49:00	631	1531
2022/04/26	11:49:10	635	1515
2022/04/26	11:49:20	635	1504
2022/04/26	11:49:30	632	1521
2022/04/26	11:49:40	635	1530
2022/04/26	11:49:50	635	1522
2022/04/26	11:50:00	635	1517
2022/04/26	11:50:10	635	1520
2022/04/26	11:50:20	635	1525
2022/04/26	11:50:30	634	1524
2022/04/26	11:50:40	635	1530
2022/04/26	11:50:50	633	1527
2022/04/26	11:51:00	635	1517
2022/04/26	11:51:10	635	1516
2022/04/26	11:51:20	635	1515
2022/04/26	11:51:30	635	1517
2022/04/26	11:51:40	635	1538
2022/04/26	11:51:50	635	1525
2022/04/26	11:52:00	635	1518
2022/04/26	11:52:10	635	1510
2022/04/26	11:52:20	635	1517
2022/04/26	11:52:30	634	1512
2022/04/26	11:52:40	635	1525
2022/04/26	11:52:50	631	1530
2022/04/26	11:53:00	634	1529
2022/04/26	11:53:10	627	1524
2022/04/26	11:53:20	635	1513
2022/04/26	11:53:30	635	1511
2022/04/26	11:53:40	631	1521
2022/04/26	11:53:50	635	1519
Average Run 2		**633**	**1520**
2022/04/26	11:54:00	635	1521
2022/04/26	11:54:10	631	1518
2022/04/26	11:54:20	635	1530
2022/04/26	11:54:30	631	1527
2022/04/26	11:54:40	635	1517
2022/04/26	11:54:50	635	1509
2022/04/26	11:55:00	635	1509
2022/04/26	11:55:10	635	1530
2022/04/26	11:55:20	635	1519
2022/04/26	11:55:30	635	1518
2022/04/26	11:55:40	635	1518
2022/04/26	11:55:50	635	1524
2022/04/26	11:56:00	635	1526
2022/04/26	11:56:10	635	1524
2022/04/26	11:56:20	635	1519
2022/04/26	11:56:30	635	1517
2022/04/26	11:56:40	635	1526
2022/04/26	11:56:50	635	1533
2022/04/26	11:57:00	635	1532
2022/04/26	11:57:10	635	1523
2022/04/26	11:57:20	635	1520
2022/04/26	11:57:30	635	1519
2022/04/26	11:57:40	639	1518
2022/04/26	11:57:50	635	1513
2022/04/26	11:58:00	635	1513
2022/04/26	11:58:10	635	1524
2022/04/26	11:58:20	635	1529
2022/04/26	11:58:30	631	1522
2022/04/26	11:58:40	631	1518

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Process Data

Date	Time	Flow Rate (SCFM)	Middle thermocou Temp (F)
2022/04/26	11:58:50	635	1522
2022/04/26	11:59:00	635	1517
2022/04/26	11:59:10	635	1526
2022/04/26	11:59:20	635	1523
2022/04/26	11:59:30	635	1521
2022/04/26	11:59:40	635	1526
2022/04/26	11:59:50	635	1522
2022/04/26	12:00:00	635	1525
2022/04/26	12:00:10	635	1520
2022/04/26	12:00:20	635	1522
2022/04/26	12:00:30	635	1524
2022/04/26	12:00:40	634	1513
2022/04/26	12:00:50	635	1516
2022/04/26	12:01:00	634	1532
2022/04/26	12:01:10	631	1522
2022/04/26	12:01:20	635	1516
2022/04/26	12:01:30	635	1528
2022/04/26	12:01:40	635	1521
2022/04/26	12:01:50	635	1512
2022/04/26	12:02:00	631	1513
2022/04/26	12:02:10	630	1533
2022/04/26	12:02:20	635	1532
2022/04/26	12:02:30	635	1522
2022/04/26	12:02:40	635	1509
2022/04/26	12:02:50	634	1508
2022/04/26	12:03:00	634	1524
2022/04/26	12:03:10	635	1526
2022/04/26	12:03:20	635	1526
2022/04/26	12:03:30	639	1512
2022/04/26	12:03:40	634	1513
2022/04/26	12:03:50	635	1525
2022/04/26	12:04:00	635	1539
2022/04/26	12:04:10	635	1517
2022/04/26	12:04:20	635	1506
2022/04/26	12:04:30	635	1506
2022/04/26	12:04:40	635	1524
2022/04/26	12:04:50	635	1529
2022/04/26	12:05:00	635	1517
2022/04/26	12:05:10	635	1513
2022/04/26	12:05:20	635	1517
2022/04/26	12:05:30	635	1532
2022/04/26	12:05:40	635	1521
2022/04/26	12:05:50	635	1521
Start Run 3			
2022/04/26	12:06:00	635	1524
2022/04/26	12:06:10	635	1523
2022/04/26	12:06:20	635	1522
2022/04/26	12:06:30	635	1511
2022/04/26	12:06:40	633	1514
2022/04/26	12:06:50	635	1536
2022/04/26	12:07:00	635	1518
2022/04/26	12:07:10	634	1519
2022/04/26	12:07:20	635	1522
2022/04/26	12:07:30	635	1528
2022/04/26	12:07:40	631	1523
2022/04/26	12:07:50	635	1523
2022/04/26	12:08:00	635	1504
2022/04/26	12:08:10	635	1513
2022/04/26	12:08:20	635	1520
2022/04/26	12:08:30	631	1534
2022/04/26	12:08:40	631	1521
2022/04/26	12:08:50	635	1512
2022/04/26	12:09:00	635	1514
2022/04/26	12:09:10	631	1523
2022/04/26	12:09:20	635	1531
2022/04/26	12:09:30	635	1514
2022/04/26	12:09:40	635	1515
2022/04/26	12:09:50	635	1521
2022/04/26	12:10:00	635	1519

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Process Data

Date	Time	Flow Rate (SCFM)	Middle thermocou Temp (F)
2022/04/26	12:10:10	635	1529
2022/04/26	12:10:20	627	1528
2022/04/26	12:10:30	635	1513
2022/04/26	12:10:40	635	1507
2022/04/26	12:10:50	635	1516
2022/04/26	12:11:00	635	1525
2022/04/26	12:11:10	635	1525
2022/04/26	12:11:20	635	1522
2022/04/26	12:11:30	635	1523
2022/04/26	12:11:40	635	1524
2022/04/26	12:11:50	635	1535
2022/04/26	12:12:00	635	1525
2022/04/26	12:12:10	638	1510
2022/04/26	12:12:20	639	1498
2022/04/26	12:12:30	635	1500
2022/04/26	12:12:40	638	1534
2022/04/26	12:12:50	635	1529
2022/04/26	12:13:00	635	1529
2022/04/26	12:13:10	635	1531
2022/04/26	12:13:20	635	1521
2022/04/26	12:13:30	635	1505
2022/04/26	12:13:40	635	1505
2022/04/26	12:13:50	635	1518
2022/04/26	12:14:00	635	1520
2022/04/26	12:14:10	635	1523
2022/04/26	12:14:20	635	1531
2022/04/26	12:14:30	635	1530
2022/04/26	12:14:40	635	1512
2022/04/26	12:14:50	635	1505
2022/04/26	12:15:00	635	1518
2022/04/26	12:15:10	637	1529
2022/04/26	12:15:20	635	1526
2022/04/26	12:15:30	635	1527
2022/04/26	12:15:40	635	1523
2022/04/26	12:15:50	635	1517
2022/04/26	12:16:00	635	1518
2022/04/26	12:16:10	635	1526
2022/04/26	12:16:20	635	1528
2022/04/26	12:16:30	635	1522
2022/04/26	12:16:40	635	1513
2022/04/26	12:16:50	635	1513
2022/04/26	12:17:00	638	1526
2022/04/26	12:17:10	634	1530
2022/04/26	12:17:20	635	1528
2022/04/26	12:17:30	635	1519
2022/04/26	12:17:40	638	1517
2022/04/26	12:17:50	635	1517
2022/04/26	12:18:00	635	1517
2022/04/26	12:18:10	635	1526
2022/04/26	12:18:20	638	1530
2022/04/26	12:18:30	635	1524
2022/04/26	12:18:40	635	1517
2022/04/26	12:18:50	635	1513
2022/04/26	12:19:00	635	1515
2022/04/26	12:19:10	639	1527
2022/04/26	12:19:20	635	1521
2022/04/26	12:19:30	635	1521
2022/04/26	12:19:40	639	1524
2022/04/26	12:19:50	635	1530
2022/04/26	12:20:00	635	1519
2022/04/26	12:20:10	635	1509
2022/04/26	12:20:20	639	1530
2022/04/26	12:20:30	635	1519
2022/04/26	12:20:40	635	1515
2022/04/26	12:20:50	639	1510
2022/04/26	12:21:00	635	1509
2022/04/26	12:21:10	639	1534
2022/04/26	12:21:20	639	1529
2022/04/26	12:21:30	635	1527

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Process Data

Date	Time	Flow Rate (SCFM)	Middle thermocou Temp (F)
2022/04/26	12:21:40	636	1523
2022/04/26	12:21:50	635	1523
2022/04/26	12:22:00	635	1526
2022/04/26	12:22:10	635	1516
2022/04/26	12:22:20	635	1512
2022/04/26	12:22:30	635	1515
2022/04/26	12:22:40	635	1526
2022/04/26	12:22:50	635	1527
2022/04/26	12:23:00	635	1535
2022/04/26	12:23:10	635	1532
2022/04/26	12:23:20	635	1513
2022/04/26	12:23:30	638	1510
2022/04/26	12:23:40	635	1512
2022/04/26	12:23:50	639	1519
2022/04/26	12:24:00	635	1516
2022/04/26	12:24:10	635	1528
2022/04/26	12:24:20	635	1532
2022/04/26	12:24:30	635	1518
2022/04/26	12:24:40	635	1520
2022/04/26	12:24:50	635	1527
2022/04/26	12:25:00	635	1516
2022/04/26	12:25:10	639	1511
2022/04/26	12:25:20	635	1517
2022/04/26	12:25:30	635	1528
2022/04/26	12:25:40	635	1531
2022/04/26	12:25:50	635	1526
2022/04/26	12:26:00	635	1521
2022/04/26	12:26:10	635	1514
2022/04/26	12:26:20	635	1511
2022/04/26	12:26:30	638	1532
2022/04/26	12:26:40	637	1534
2022/04/26	12:26:50	635	1509
2022/04/26	12:27:00	635	1500
2022/04/26	12:27:10	635	1497
2022/04/26	12:27:20	635	1521
2022/04/26	12:27:30	639	1525
2022/04/26	12:27:40	635	1533
2022/04/26	12:27:50	638	1529
2022/04/26	12:28:00	635	1520
2022/04/26	12:28:10	635	1520
2022/04/26	12:28:20	639	1510
2022/04/26	12:28:30	635	1522
2022/04/26	12:28:40	638	1523
2022/04/26	12:28:50	635	1527
2022/04/26	12:29:00	635	1524
2022/04/26	12:29:10	635	1519
2022/04/26	12:29:20	643	1515
2022/04/26	12:29:30	635	1518
2022/04/26	12:29:40	636	1522
2022/04/26	12:29:50	635	1525
2022/04/26	12:30:00	639	1529
2022/04/26	12:30:10	635	1523
2022/04/26	12:30:20	634	1512
2022/04/26	12:30:30	638	1518
2022/04/26	12:30:40	635	1518
2022/04/26	12:30:50	639	1529
2022/04/26	12:31:00	637	1525
2022/04/26	12:31:10	635	1528
2022/04/26	12:31:20	635	1531
2022/04/26	12:31:30	635	1522
2022/04/26	12:31:40	636	1518
2022/04/26	12:31:50	640	1511
2022/04/26	12:32:00	636	1514
2022/04/26	12:32:10	636	1529
2022/04/26	12:32:20	635	1525
2022/04/26	12:32:30	636	1515
2022/04/26	12:32:40	636	1513
2022/04/26	12:32:50	636	1517
2022/04/26	12:33:00	637	1527

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Process Data

Date	Time	Flow Rate (SCFM)	Middle thermocou Temp (F)
2022/04/26	12:33:10	639	1520
2022/04/26	12:33:20	640	1524
2022/04/26	12:33:30	639	1512
2022/04/26	12:33:40	636	1505
2022/04/26	12:33:50	638	1511
2022/04/26	12:34:00	636	1546
2022/04/26	12:34:10	636	1512
2022/04/26	12:34:20	636	1503
2022/04/26	12:34:30	641	1503
2022/04/26	12:34:40	638	1526
2022/04/26	12:34:50	636	1527
2022/04/26	12:35:00	635	1520
2022/04/26	12:35:10	636	1516
2022/04/26	12:35:20	642	1528
2022/04/26	12:35:30	636	1524
2022/04/26	12:35:40	640	1520
2022/04/26	12:35:50	636	1517
Average Run 3		**636**	**1520**
2022/04/26	12:36:00	638	1522
2022/04/26	12:36:10	635	1539
2022/04/26	12:36:20	642	1527
2022/04/26	12:36:30	639	1509
2022/04/26	12:36:40	636	1506
2022/04/26	12:36:50	636	1512
2022/04/26	12:37:00	640	1525
2022/04/26	12:37:10	640	1522
2022/04/26	12:37:20	640	1530
2022/04/26	12:37:30	636	1532
2022/04/26	12:37:40	636	1520
2022/04/26	12:37:50	640	1519
2022/04/26	12:38:00	636	1519
2022/04/26	12:38:10	638	1524
2022/04/26	12:38:20	640	1517
2022/04/26	12:38:30	638	1513
2022/04/26	12:38:40	636	1525
2022/04/26	12:38:50	636	1540
2022/04/26	12:39:00	636	1516
2022/04/26	12:39:10	636	1514
2022/04/26	12:39:20	635	1518
2022/04/26	12:39:30	636	1518
2022/04/26	12:39:40	640	1516
2022/04/26	12:39:50	636	1518
2022/04/26	12:40:00	637	1521
2022/04/26	12:40:10	636	1534
2022/04/26	12:40:20	638	1531
2022/04/26	12:40:30	636	1511
2022/04/26	12:40:40	635	1510
2022/04/26	12:40:50	636	1517
2022/04/26	12:41:00	636	1524
2022/04/26	12:41:10	640	1524
2022/04/26	12:41:20	639	1528
2022/04/26	12:41:30	636	1525
2022/04/26	12:41:40	636	1519
2022/04/26	12:41:50	640	1513
2022/04/26	12:42:00	642	1519
2022/04/26	12:42:10	639	1529
2022/04/26	12:42:20	636	1531
2022/04/26	12:42:30	636	1522
2022/04/26	12:42:40	640	1525
2022/04/26	12:42:50	636	1523
2022/04/26	12:43:00	639	1512
2022/04/26	12:43:10	640	1510
2022/04/26	12:43:20	640	1526
2022/04/26	12:43:30	636	1532
2022/04/26	12:43:40	639	1529
2022/04/26	12:43:50	640	1514
2022/04/26	12:44:00	640	1511

Flow Rate (SCFM) Middle thermocou

EXHIBIT B - 2

North County Sanitary
Landfill Flare
Process Data

Date	Time	Flow Rate (SCFM)	Middle thermocou Temp (F)
			Temp (F)
Run 1		**631**	**1520.0**
Run 2		**633**	**1520.1**
Run 3		**636**	**1520.5**
Average Runs		**633**	**1520.2**

Appendix H

Source Test Protocol

EXHIBIT B - 2

San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

HEALTHY AIR LIVING™

March 23, 2022

Mr. Jonathan Strickland
Air Science Technologies, Inc
247 Rodeo Avenue
Rodeo, CA 94572

RE: Approval of Test Protocol
Facility: North County Sanitary Landfill
Scheduled Test Date(s): 04/25/2022
Permit(s): N-1119-1-11

District staff has completed the review of the test protocol submitted for the testing of North County Sanitary Landfill. The staff finds the protocol will meet the District's requirements. Should the test date or test methods change from the approved protocol, then a modified protocol shall be submitted for review prior to the scheduled test date. Failure to submit a modified protocol may result in test cancellation by District staff.

Please note the following requirements:

1) If the source test needs to be postponed or rescheduled, the District must be notified prior to the scheduled testing time for approval.
2) Source test reports may be submitted to the District electronically at Source.testNorth@valleyair.org or via PAS Portal. Refer to the latest policy for requirements.
3) All testing must be done during normal District business hours unless otherwise approved in advance.

All source testing must strictly adhere to the District's Source Test Policy. This policy is found on the District's website (www.valleyair.org). If you have any questions, please contact James Sanders at (209) 557-6400.

Sincerely,

Lisa Middleton

Lisa D Middleton
Supervising Air Quality Inspector

Appendix I

NOx Converter Test

EXHIBIT B - 2

NOx Converter Test

Date	Time	CH003 NOXppm
05/02	09:33:05	69.88
05/02	09:33:15	69.93
05/02	09:33:25	69.88
05/02	09:33:35	69.83
05/02	09:33:45	69.93
05/02	09:33:55	69.98
05/02	09:34:05	69.93
05/02	09:34:15	69.93
05/02	09:34:25	69.93
05/02	09:34:35	69.93
05/02	09:34:45	69.93
05/02	09:34:55	69.88
05/02	09:35:05	69.93
05/02	09:35:15	69.93
05/02	09:35:25	69.93
05/02	09:35:35	69.93
05/02	09:35:45	69.93
05/02	09:35:55	69.93
05/02	09:36:05	69.88
05/02	09:36:15	69.88
05/02	09:36:25	69.88
05/02	09:36:35	69.87
05/02	09:36:45	69.93
05/02	09:36:55	69.98
05/02	09:37:05	69.93
05/02	09:37:15	69.88
05/02	09:37:25	69.93
05/02	09:37:35	69.93
05/02	09:37:45	69.88
05/02	09:37:55	69.88
05/02	09:38:05	69.88
05/02	09:38:15	69.88
05/02	09:38:25	69.88
05/02	09:38:35	69.93
05/02	09:38:45	69.93
05/02	09:38:55	69.88
05/02	09:39:05	69.87
05/02	09:39:15	69.83
05/02	09:39:25	69.87
05/02	09:39:35	69.93
05/02	09:39:45	69.93
05/02	09:39:55	69.93
05/02	09:40:05	69.93
05/02	09:40:15	69.92
05/02	09:40:25	69.93
05/02	09:40:35	69.97
05/02	09:40:45	69.93
05/02	09:40:55	69.87
05/02	09:41:05	69.93
05/02	09:41:15	70.03
05/02	09:41:25	70.03
05/02	09:41:35	70.08
05/02	09:41:45	70.08
05/02	09:41:55	70.03
05/02	09:42:05	70.03
05/02	09:42:15	69.97
05/02	09:42:25	69.98
05/02	09:42:35	69.97
05/02	09:42:45	69.97
05/02	09:42:55	69.97
05/02	09:43:05	69.98
05/02	09:43:15	69.97
05/02	09:43:25	69.97
05/02	09:43:35	69.97
05/02	09:43:45	69.93
05/02	09:43:55	69.88
05/02	09:44:05	69.88
05/02	09:44:15	69.93
05/02	09:44:25	69.93
05/02	09:44:35	69.93
05/02	09:44:45	69.87
05/02	09:44:55	69.88

Reference Method 7E

Converter Efficiency Test Tedlar Bag 16.2.2

Cylinder # CC86342

Calculation

$$\% \text{ Decrease} = \frac{\text{NOx Peak - NOx Final}}{\text{NOx Peak}}$$

Peak 70.08

Final 69.62

Result 0.66%

Limit 2%

EXHIBIT B - 2

NOx Converter Test

Date	Time	NOXppm
05/02	09:45:05	69.88
05/02	09:45:15	69.88
05/02	09:45:25	69.88
05/02	09:45:35	69.83
05/02	09:45:45	69.83
05/02	09:45:55	69.88
05/02	09:46:05	69.88
05/02	09:46:15	69.88
05/02	09:46:25	69.83
05/02	09:46:35	69.83
05/02	09:46:45	69.83
05/02	09:46:55	69.78
05/02	09:47:05	69.83
05/02	09:47:15	69.88
05/02	09:47:25	69.83
05/02	09:47:35	69.83
05/02	09:47:45	69.83
05/02	09:47:55	69.87
05/02	09:48:05	69.87
05/02	09:48:15	69.83
05/02	09:48:25	69.83
05/02	09:48:35	69.83
05/02	09:48:45	69.83
05/02	09:48:55	69.78
05/02	09:49:05	69.78
05/02	09:49:15	69.73
05/02	09:49:25	69.78
05/02	09:49:35	69.78
05/02	09:49:45	69.72
05/02	09:49:55	69.68
05/02	09:50:05	69.73
05/02	09:50:15	69.78
05/02	09:50:25	69.78
05/02	09:50:35	69.73
05/02	09:50:45	69.73
05/02	09:50:55	69.73
05/02	09:51:05	69.73
05/02	09:51:15	69.67
05/02	09:51:25	69.68
05/02	09:51:35	69.68
05/02	09:51:45	69.68
05/02	09:51:55	69.68
05/02	09:52:05	69.73
05/02	09:52:15	69.73
05/02	09:52:25	69.67
05/02	09:52:35	69.62
05/02	09:52:45	69.68
05/02	09:52:55	69.68
05/02	09:53:05	69.68
05/02	09:53:15	69.62
05/02	09:53:25	69.62
05/02	09:53:35	69.62
05/02	09:53:45	69.62
05/02	09:53:55	69.68
05/02	09:54:05	69.62
05/02	09:54:15	69.58
05/02	09:54:25	69.58
05/02	09:54:35	69.58
05/02	09:54:45	69.53
05/02	09:54:55	69.48
05/02	09:55:05	69.57
05/02	09:55:15	69.62
05/02	09:55:25	69.58
05/02	09:55:35	69.53
05/02	09:55:45	69.53
05/02	09:55:55	69.53
05/02	09:56:05	69.53
05/02	09:56:15	69.48
05/02	09:56:25	69.57
05/02	09:56:35	69.63
05/02	09:56:45	69.58
05/02	09:56:55	69.58
05/02	09:57:05	69.58

EXHIBIT B - 2

NOx Converter Test

Date	Time	NOXppm
05/02	09:57:15	69.57
05/02	09:57:25	69.58
05/02	09:57:35	69.53
05/02	09:57:45	69.58
05/02	09:57:55	69.58
05/02	09:58:05	69.57
05/02	09:58:15	69.57
05/02	09:58:25	69.58
05/02	09:58:35	69.53
05/02	09:58:45	69.53
05/02	09:58:55	69.53
05/02	09:59:05	69.53
05/02	09:59:15	69.48
05/02	09:59:25	69.53
05/02	09:59:35	69.52
05/02	09:59:45	69.53
05/02	09:59:55	69.53
05/02	10:00:05	69.52
05/02	10:00:15	69.47
05/02	10:00:25	69.53
05/02	10:00:35	69.53
05/02	10:00:45	69.53
05/02	10:00:55	69.47
05/02	10:01:05	69.58
05/02	10:01:15	69.62
05/02	10:01:25	69.62
05/02	10:01:35	69.57
05/02	10:01:45	69.62
05/02	10:01:55	69.62
05/02	10:02:05	69.62
05/02	10:02:15	69.58
05/02	10:02:25	69.63
05/02	10:02:35	69.68
05/02	10:02:45	69.62
05/02	10:02:55	69.62