



We Bring the World to New Jersey

Monica R. Mianeki, P.E., P.P., CFM, CME
Director of Solid Waste, Parks & Stormwater Management
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**NJSEA 1-E LANDFILL WELLFIELD AND FLARE OPERATIONS
GREENHOUSE GAS REPORTING SERVICES
NJSEA CONTRACT #SW 24-01**

ADDENDUM #1

Question #1: Pricing – As you mentioned during the site walk, the contract term is for three years with a 2-yr renewal option by NJSEA. For each Task's Not to Exceed dollar amount do you want to see a % annual inflation factor for each subsequent award year or should the bidder incorporate any needed annual adjustments into each individual lump sum price?

Response: As indicated in the RFP, the contract period is for three (3) years with two one (1) year options to be exercised at the sole discretion of the NJSEA. The Schedule of Prices has been revised to include a separate Schedule of Prices for each year of the contract period. The revised Schedule of Prices is attached to this addendum. Please note that the "Total Amount for 5 Year Contract" proposal price should be based on 12 months of service for each task per year except where otherwise indicated. NJSEA reserves the right to bill for less than the total amount of the price proposal where services are not provided or requested for a certain billing period.

Question #2: Task 3- Would NJSEA accept an alternate NJDEP approved means of collecting the annual H₂S Sample? Silonite "Summa" Canisters are another approved method (Method ASTM D5504) of collected H₂S samples and have been approved by NJDEP/EPA for applications similar to the operations at 1-E. The canisters have a longer time and can be shipped non-hazardous via Fed-Ex.

Response: The NJSEA will accept an alternate NJDEP/EPA approved means of collecting the annual H₂S sample. The use of Tedlar® bags, or other NJDEP/EPA approved alternate, may be used for collecting the annual H₂S sample. This response is in addition to and a clarification of the RFP Task 3 statement.

Question #3: Task 4- Would NJSEA accept the use of an alternate NJDEP approved handheld gas meter? In addition to Jerome H₂S meters,

**NJSEA 1-E LANDFILL WELLFIELD AND FLARE OPERATIONS
GREENHOUSE GAS REPORTING SERVICES
NJSEA CONTRACT #SW 24-01**

ADDENDUM #1

we have successfully used Landtec GEM2000 meters to measure perimeter methane and H₂S concentrations.

Response: The NJSEA will accept an alternate NJDEP/EPA approved handheld gas meter. A Jerome® Meter, or other approved NJDEP/EPA H₂S meter, may be used to monitor H₂S emissions at the perimeter of the landfill. This response is in addition to and a clarification of the RFP Task 4 statement.

Question #4: Task 6 – Air Permit Reports, Rolling Fuel Totals, etc. – Will there be copies provided of prior submittals of these reports?

- a. We noted a copy of the Title V permits provided, monthly inspection report, and site plan.
- b. Will an electronic copy of the NJDEP RADIUS file be available for the Emission Statement?
- c. We typically see copies of all reports and calculations maintained onsite in an Air Permit Compliance Binder generated by the current contractor.

Response: Electronic copies of the following files are attached:

- Annual Compliance Certification for 2022;
- Six-month deviation reports for 2023 (5/8/2023 & 11/1/2023)
- Annual H₂S Fenceline Monitoring Data; and
- Semi-Annual Report.

Sincerely,



Monica R. Mianeki, P.E., P.P., CFM, CME
Director of Solid Waste, Parks & Stormwater Management

Include the acknowledgment of this addendum in your proposal submission.

Company

Name (Print)

Date

Receipt of Addendum #1: _____

Signature

**NJSEA 1-E LANDFILL WELLFIELD AND FLARE OPERATIONS
GREENHOUSE GAS REPORTING SERVICES
NJSEA CONTRACT # SW 24-01
ADDENDUM #1**

4.0 BID

4.1 BID SHEET –NJSEA 1-E Landfill Gas Services – 2024

TO: The New Jersey Sports & Exposition Authority (NJSEA)

This bid will not be accepted after 11:00 AM prevailing local time on, Tuesday February 20, 2024. The bidder agrees that this bid will not be withdrawn for a period of 60 calendar days after the closing time for receipt of bids.

(Name of Firm Submitting Bid)

The following Bid is hereby made to the New Jersey Sports & Exposition Authority (NJSEA).

The undersigned hereby proposes and agrees to furnish all the labor, materials, equipment, tools, and services necessary for the NJSEA1-E Landfill; Landfill Gas Services – 2024 as specified herein.

The undersigned has examined the location of the proposed Work and all other Contract Documents, and is familiar with the local conditions at the place where the work is to be performed. The bidder understands that information relative to any existing structures, apparent and latent conditions, and natural phenomena as noted by the NJSEA, carries no guarantee expressed or implied as to its completeness or accuracy, and has made all due allowances therefore.

The undersigned Bidder declares that this Bid is made without connection to any other person or persons making Bids for the same work and is in all respects fair and without collusion or fraud.

The undersigned Bidder has determined the quantity and quality of equipment and materials required; has investigated the location and determined the sources of supply of the materials required; has investigated labor conditions; and has arranged for the continuous prosecution of the work herein described.

The undersigned Bidder hereby agrees to be bound by the award of the Contract, and if awarded the Contract on this Bid, to execute the Contract, to furnish the required Bonds and Insurance Certificates and Affirmative Action documentation, and to furnish all other information required by the Contract Documents within the time limits specified.

The undersigned understands that the NJSEA reserves the right to reject any or all Bids or to waive any informality or technicality of any Bid in the interest of the NJSEA.

The Bidder agrees to perform all the work described in this document and shall provide all labor, equipment, materials, tools, and services necessary for the completion of the Contract all as specified and shown complete to a fully acceptable condition.

**NJSEA 1-E LANDFILL WELLFIELD AND FLARE OPERATIONS
GREENHOUSE GAS REPORTING SERVICES
NJSEA CONTRACT # SW 24-01
ADDENDUM #1**

Final determination regarding the award of a contract will be at the sole discretion of the NJSEA and will be made after receipt of Bids.

4.2 SCHEDULE OF BID PRICES - NJSEA 1-E Landfill

4.2.1 YEAR 1: MAY 1, 2024 – APRIL 30, 2025

- **Task 1:** Amount: \$ _____/month
(Total, **Not to Exceed**, Amount in Figures)

_____/month
(Total, **Not to Exceed**, Amount in Words)
- **Task 2:** Amount: \$ _____/quarter
(Total, **Not to Exceed**, Amount in Figures)

_____/quarter
(Total, **Not to Exceed**, Amount in Words)
- **Task 3:** Amount: \$ _____/year
(Total, **Not to Exceed**, Amount in Figures)

_____/year
(Total, **Not to Exceed**, Amount in Words)
- **Task 4:** Amount: \$ _____/year
(Total, **Not to Exceed**, Amount in Figures)

_____/year
(Total, **Not to Exceed**, Amount in Words)
- **Task 5:** DO NOT SUBMIT PRICE PROPOSAL FOR TASK 5
These services shall be billed on a Time and Materials basis (T&M). Please submit a schedule of fees which includes labor rates for the key personnel assigned to this task and a single materials mark-up percentage.
- **Task 6:** Amount: \$ _____/month
(Total, **Not to Exceed**, Amount in Figures)

_____/month
(Total, **Not to Exceed**, Amount in Words)
- **Task 7:** Amount: \$ _____(lump sum)
(Total, **Not to Exceed**, Amount in Figures)

_____(lump sum)
(Total, **Not to Exceed**, Amount in Words)

**NJSEA 1-E LANDFILL WELLFIELD AND FLARE OPERATIONS
GREENHOUSE GAS REPORTING SERVICES
NJSEA CONTRACT # SW 24-01
ADDENDUM #1**

- **Task 8: DO NOT SUBMIT PRICE PROPOSAL FOR TASK 8**
These services shall be billed on a Time and Materials basis (T&M). Please submit a schedule of fees which includes labor rates for the key personnel assigned to this task and a single materials mark-up percentage.

Please attach Schedule of Fees which shall include labor rates for personnel to be assigned to this facility for Year 1.

YEAR 1 TOTAL AMOUNT: \$ _____
(Total, **Not to Exceed**, Amount in Figures)

(Total, **Not to Exceed**, Amount in Words)

4.2.2 YEAR 2: MAY 1, 2025 – APRIL 30, 2026

- **Task 1:** Amount: \$ _____/month
(Total, **Not to Exceed**, Amount in Figures)

_____/month
(Total, **Not to Exceed**, Amount in Words)

- **Task 2:** Amount: \$ _____/quarter
(Total, **Not to Exceed**, Amount in Figures)

_____/quarter
(Total, **Not to Exceed**, Amount in Words)

- **Task 3:** Amount: \$ _____/year
(Total, **Not to Exceed**, Amount in Figures)

_____/year
(Total, **Not to Exceed**, Amount in Words)

- **Task 4:** Amount: \$ _____/year
(Total, **Not to Exceed**, Amount in Figures)

_____/year
(Total, **Not to Exceed**, Amount in Words)

- **Task 5: DO NOT SUBMIT PRICE PROPOSAL FOR TASK 5**
These services shall be billed on a Time and Materials basis (T&M). Please submit a schedule of fees which includes labor rates for the key personnel assigned to this task and a single materials mark-up percentage.

**NJSEA 1-E LANDFILL WELLFIELD AND FLARE OPERATIONS
GREENHOUSE GAS REPORTING SERVICES
NJSEA CONTRACT # SW 24-01
ADDENDUM #1**

- **Task 6:** Amount: \$ _____/month
(Total, **Not to Exceed**, Amount in Figures)

_____/month
(Total, **Not to Exceed**, Amount in Words)
- **Task 7:** Amount: \$ **N/A for Year 2** (lump sum)
(Total, **Not to Exceed**, Amount in Figures)

N/A for Year 2 (lump sum)
(Total, **Not to Exceed**, Amount in Words)
- **Task 8:** DO NOT SUBMIT PRICE PROPOSAL FOR TASK 8
These services shall be billed on a Time and Materials basis (T&M). Please submit a schedule of fees which includes labor rates for the key personnel assigned to this task and a single materials mark-up percentage.

Please attach Schedule of Fees which shall include labor rates for personnel to be assigned to this facility for Year 2.

YEAR 2 TOTAL AMOUNT: \$ _____
(Total, **Not to Exceed**, Amount in Figures)

(Total, **Not to Exceed**, Amount in Words)

4.2.3 YEAR 3: MAY 1, 2026 – APRIL 30, 2027

- **Task 1:** Amount: \$ _____/month
(Total, **Not to Exceed**, Amount in Figures)

_____/month
(Total, **Not to Exceed**, Amount in Words)
- **Task 2:** Amount: \$ _____/quarter
(Total, **Not to Exceed**, Amount in Figures)

_____/quarter
(Total, **Not to Exceed**, Amount in Words)

**NJSEA 1-E LANDFILL WELLFIELD AND FLARE OPERATIONS
GREENHOUSE GAS REPORTING SERVICES
NJSEA CONTRACT # SW 24-01
ADDENDUM #1**

- **Task 3:** Amount: \$ _____/year
(Total, **Not to Exceed**, Amount in Figures)

_____/year
(Total, **Not to Exceed**, Amount in Words)
- **Task 4:** Amount: \$ _____/year
(Total, **Not to Exceed**, Amount in Figures)

_____/year
(Total, **Not to Exceed**, Amount in Words)
- **Task 5:** DO NOT SUBMIT PRICE PROPOSAL FOR TASK 5
These services shall be billed on a Time and Materials basis (T&M). Please submit a schedule of fees which includes labor rates for the key personnel assigned to this task and a single materials mark-up percentage.
- **Task 6:** Amount: \$ _____/month
(Total, **Not to Exceed**, Amount in Figures)

_____/month
(Total, **Not to Exceed**, Amount in Words)
- **Task 7:** Amount: \$ **N/A for Year 3** (lump sum)
(Total, **Not to Exceed**, Amount in Figures)

N/A for Year 3 (lump sum)
(Total, **Not to Exceed**, Amount in Words)
- **Task 8:** DO NOT SUBMIT PRICE PROPOSAL FOR TASK 8
These services shall be billed on a Time and Materials basis (T&M). Please submit a schedule of fees which includes labor rates for the key personnel assigned to this task and a single materials mark-up percentage.

Please attach Schedule of Fees which shall include labor rates for personnel to be assigned to this facility for Year 3.

YEAR 3 TOTAL AMOUNT: \$ _____
(Total, **Not to Exceed**, Amount in Figures)

(Total, **Not to Exceed**, Amount in Words)

**NJSEA 1-E LANDFILL WELLFIELD AND FLARE OPERATIONS
GREENHOUSE GAS REPORTING SERVICES
NJSEA CONTRACT # SW 24-01
ADDENDUM #1**

4.2.4 YEAR 4: MAY 1, 2027 – APRIL 30, 2028 (optional extension at the discretion of the NJSEA)

- **Task 1:** Amount: \$ _____/month
(Total, **Not to Exceed**, Amount in Figures)

_____/month
(Total, **Not to Exceed**, Amount in Words)
- **Task 2:** Amount: \$ _____/quarter
(Total, **Not to Exceed**, Amount in Figures)

_____/quarter
(Total, **Not to Exceed**, Amount in Words)
- **Task 3:** Amount: \$ _____/year
(Total, **Not to Exceed**, Amount in Figures)

_____/year
(Total, **Not to Exceed**, Amount in Words)
- **Task 4:** Amount: \$ _____/year
(Total, **Not to Exceed**, Amount in Figures)

_____/year
(Total, **Not to Exceed**, Amount in Words)
- **Task 5:** DO NOT SUBMIT PRICE PROPOSAL FOR TASK 5
These services shall be billed on a Time and Materials basis (T&M). Please submit a schedule of fees which includes labor rates for the key personnel assigned to this task and a single materials mark-up percentage.
- **Task 6:** Amount: \$ _____/month
(Total, **Not to Exceed**, Amount in Figures)

_____/month
(Total, **Not to Exceed**, Amount in Words)
- **Task 7:** Amount: \$ **N/A for Year 4** (lump sum)
(Total, **Not to Exceed**, Amount in Figures)

N/A for Year 4 (lump sum)
(Total, **Not to Exceed**, Amount in Words)

**NJSEA 1-E LANDFILL WELLFIELD AND FLARE OPERATIONS
GREENHOUSE GAS REPORTING SERVICES
NJSEA CONTRACT # SW 24-01
ADDENDUM #1**

- **Task 8:** DO NOT SUBMIT PRICE PROPOSAL FOR TASK 8
These services shall be billed on a Time and Materials basis (T&M). Please submit a schedule of fees which includes labor rates for the key personnel assigned to this task and a single materials mark-up percentage.

Please attach Schedule of Fees which shall include labor rates for personnel to be assigned to this facility for Year 4.

YEAR 4 TOTAL AMOUNT: \$ _____
(Total, **Not to Exceed**, Amount in Figures)

(Total, **Not to Exceed**, Amount in Words)

4.2.5 **YEAR 5: MAY 1, 2028 – APRIL 30, 2029 (optional extension at the discretion of the NJSEA)**

- **Task 1:** Amount: \$ _____/month
(Total, **Not to Exceed**, Amount in Figures)

_____/month
(Total, **Not to Exceed**, Amount in Words)

- **Task 2:** Amount: \$ _____/quarter
(Total, **Not to Exceed**, Amount in Figures)

_____/quarter
(Total, **Not to Exceed**, Amount in Words)

- **Task 3:** Amount: \$ _____/year
(Total, **Not to Exceed**, Amount in Figures)

_____/year
(Total, **Not to Exceed**, Amount in Words)

- **Task 4:** Amount: \$ _____/year
(Total, **Not to Exceed**, Amount in Figures)

_____/year
(Total, **Not to Exceed**, Amount in Words)

**NJSEA 1-E LANDFILL WELLFIELD AND FLARE OPERATIONS
GREENHOUSE GAS REPORTING SERVICES
NJSEA CONTRACT # SW 24-01
ADDENDUM #1**

- **Task 5:** DO NOT SUBMIT PRICE PROPOSAL FOR TASK 5
These services shall be billed on a Time and Materials basis (T&M). Please submit a schedule of fees which includes labor rates for the key personnel assigned to this task and a single materials mark-up percentage.

- **Task 6:** Amount: \$ _____/month
(Total, **Not to Exceed**, Amount in Figures)

_____/month
(Total, **Not to Exceed**, Amount in Words)

- **Task 7:** Amount: \$ **N/A for Year 5** (lump sum)
(Total, **Not to Exceed**, Amount in Figures)

N/A for Year 5 (lump sum)
(Total, **Not to Exceed**, Amount in Words)

- **Task 8:** DO NOT SUBMIT PRICE PROPOSAL FOR TASK 8
These services shall be billed on a Time and Materials basis (T&M). Please submit a schedule of fees which includes labor rates for the key personnel assigned to this task and a single materials mark-up percentage.

Please attach Schedule of Fees which shall include labor rates for personnel to be assigned to this facility for Year 5.

YEAR 5 TOTAL AMOUNT: \$ _____
(Total, **Not to Exceed**, Amount in Figures)

(Total, **Not to Exceed**, Amount in Words)

TOTAL AMOUNT FOR 5 YEAR CONTRACT (BASED ON TWELVE MONTHS OF SERVICE PER YEAR FOR EACH TASK EXCEPT WHERE OTHERWISE INDICATED):

\$ _____
(Total, **Not to Exceed**, Amount in Figures)

(Total, **Not to Exceed**, Amount in Words)

**NJSEA 1-E LANDFILL WELLFIELD AND FLARE OPERATIONS
GREENHOUSE GAS REPORTING SERVICES
NJSEA CONTRACT # SW 24-01
ADDENDUM #1**

If a Corporation:

Name of Company _____

Business Address _____

Business Telephone Number _____

Incorporated under the laws of the State of _____

Signature and Title of Bidder _____
(Signature)

(Typed Name)

(Title)

Name of President _____

Name of Secretary _____

Name of Treasurer _____

Dated _____

(Affix Corporate Seal Here)

If a Partnership, Individual, or Non-Incorporated Organization:

Name of Company _____

Business Address _____

Business Telephone Number _____

Signature and Title of Bidder _____
(Signature)

(Typed Name)

(Typed Title)

***NJSEA 1-E LANDFILL WELLFIELD AND FLARE OPERATIONS
GREENHOUSE GAS REPORTING SERVICES
NJSEA CONTRACT # SW 24-01
ADDENDUM #1***

Dated _____

Names and Addresses of Company Members:

(Use Additional Sheets if Necessary)

**New Jersey Department of Environmental Protection
Facility Profile (General)**

Facility Name (AIMS): NJMC 1-E Landfill**Facility ID (AIMS):** 02844

Street 100 BALER BLVD
Address: NORTH ARLINGTON, NJ 07031

Mailing NEW JERSEY SPORTS & EXPOSITION
Address: AUTHORITY
1 DE KORTE PARK PLZ
LYNDHURST, NJ 07071

County: Bergen
Location NORTH OF NJ ROUTE 7, WEST OF THE
Description: NJTPK
WESTERN SPUR.

State Plane Coordinates:	
X-Coordinate:	597,759
Y-Coordinate:	706,815
Units:	New Jersey State Plane 8
Datum:	NAD83
Source Org.:	Submittal Document
Source Type:	Digital Image

Industry:	
Primary SIC:	
Secondary SIC:	
NAICS:	562212

**New Jersey Department of Environmental Protection
Facility Profile (General)**

Contact Type: Consultant**Organization:** SCS Engineers**Org. Type:** Private**Name:** Lisa Wilkinson**NJ EIN:** 00540913440**Title:** Project Manager**Phone:** (845) 357-1510 x**Mailing Address:** 4 Executive Boulevard, Suite 303**Fax:** (845) 357-1049 x

Suffern, NY 10901

Other: () - x**Type:****Email:** lwilkinson@scsengineers.com

Contact Type: Emission Statements**Organization:** New Jersey Sports & Exposition Authority**Org. Type:** State**Name:** Thomas R. Marturano, P.E.**NJ EIN:** 00221946835**Title:** Director, Solid Waste Division**Phone:** (201) 460-4613 x**Mailing Address:** One DeKorte Park Plaza**Fax:** (201) 460-8434 x

Lyndhurst, NJ 07071-9518

Other: () - x**Type:****Email:** thomas.marturano@njmeadowlands.gov

Contact Type: Owner (Current Primary)**Organization:** New Jersey Sports & Exposition Authority**Org. Type:** State**Name:** Thomas R. Marturano, P.E.**NJ EIN:** 00221946835**Title:** Director, Solid Waste Division**Phone:** (201) 460-4613 x**Mailing Address:** One DeKorte Park Plaza**Fax:** (201) 460-8434 x

Lyndhurst, NJ 07071-9518

Other: () - x**Type:****Email:** thomas.marturano@njmeadowlands.gov

**New Jersey Department of Environmental Protection
Facility Profile (General)**

Contact Type: Responsible Official

Organization: New Jersey Sports & Exposition Authority

Org. Type: State

Name: Thomas R. Marturano, P.E.

NJ EIN: 00221946835

Title: Director, Solid Waste Division

Phone: (201) 460-4613 x

Mailing Address: One DeKorte Park Plaza
Lyndhurst, NJ 07071-9518

Fax: (201) 460-8434 x

Other: () - x

Type:

Email: thomas.marturano@njmeadowlands.gov

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**New Jersey Department of Environmental Protection
Facility Profile Planning**

Emission Year: 2022**Facility Type:** Major**How many employees are employed at this facility?****Estimated changes in total facility emissions (for planning purposes)****By the year 2025**

Contaminant	Change (%)	Increase/Decrease?
--------------------	-------------------	---------------------------

VOC

NOx

CO

By the year 2028

Contaminant	Change (%)	Increase/Decrease?
--------------------	-------------------	---------------------------

VOC

NOx

CO

**New Jersey Department of Environmental Protection
Non-Source Fugitive Emissions**

FG NJID	Description of Activity Causing Emission	Location Description	Reasonable Estimate of Emissions (tpy)								
			VOC (Total)	NOx	CO	SO	TSP (Total)	PM-10	Pb	HAPS (Total)	Other (Total)
FG1	Emissions from Paved Roads	Kearny/North Arlington	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000000	0.000
FG3	Emissions from Unpaved Roads	Kearny/North Arlington	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000000	0.000
Total			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000000	0.000

NJMC 1-E Landfill (02844)

Date: 4/27/2023

**New Jersey Department of Environmental Protection
Insignificant Source Emissions**

IS NJID	Source/Group Description	Equipment Type	Location Description	Estimate of Emissions (tpy)								
				VOC (Total)	NOx	CO	SO	TSP	PM-10	Pb	HAPS (Total)	Other (Total)
IS1	1,000 gallon above ground tank for unleaded fuel	Storage Vessel	NJMC Baler Facility	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000000	0.000
IS2	2,000 gallon above ground tank for fuel oil	Storage Vessel	NJMC Baler Facility	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000000	0.000
IS3	NJMC Baler Facility Boiler/HVAC Unit	Fuel Combustion Equipment (Other)	NJMC Baler Facility	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000000	0.000
Total				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000000	0.000

**New Jersey Department of Environmental Protection
Equipment Inventory**

Equip. NJID	Facility's Designation	Equipment Description	Equipment Type	Certificate Number	Install Date	Grand- Fathered	Last Mod. (Since 1968)	Equip. Set ID
E1	Landfill	Closed Landfill with Gas Collection System to Flares (CD 502)	Fuel Combustion Equipment (Other)	Solid Waste - ID#0907W Air Quality -	1/1/1960	No	3/31/2021	
E2	Transfer Sta	Transfer Station (PI 02844) w/o Emergency Generator, E101 (PCP PI 0071/PCP960001)	Manufacturing and Materials Handling Equipment	PI#00771 PCP960002	10/30/1983	Yes		

**New Jersey Department of Environmental Protection
Control Device Inventory**

CD NJID	Facility's Designation	Description	CD Type	Install Date	Grand-Fathered	Last Mod. (Since 1968)	CD Set ID
CD502	Open Flare	Open Flare	Flare	10/16/1997	No		
CD1001	Filter 1	Particulate Filter Within Transfer Station	Particulate Filter (Other)		No		
CD1002	Filter 2	Particulate Filter Within Transfer Station	Particulate Filter (Other)		No		
CD1005	Filter 3	Particulate Filter Within Transfer Station	Particulate Filter (Other)		No		
CD1007	Filter 4	Particulate Filter Within Transfer Station	Particulate Filter (Other)		No		
CD1009	Filter 5	Particulate Filter Within Transfer Station	Particulate Filter (Other)		No		
CD1011	Filter 6	Particulate Filter Within Transfer Station	Particulate Filter (Other)		No		

NJMC 1-E Landfill (02844)

Date: 4/27/2023

**New Jersey Department of Environmental Protection
Emission Points Inventory**

PT NJID	Facility's Designation	Description	Config.	Equiv. Diam. (in.)	Height (ft.)	Dist. to Prop. Line (ft)	Exhaust Temp. (deg. F)			Exhaust Vol. (acfm)			Discharge Direction	PT Set ID
							Avg.	Min.	Max.	Avg.	Min.	Max.		
PT2	Open Flare	Open Flare Stack	Round	12	44	3,000	1,600.0	1,400.0	1,800.0	63,000.0	18,000.0	108,000.0	Up	
PT1001	EF-1	Roof Exhaust - 1	Round	65	51	253	70.0	25.0	120.0	13,500.0	12,354.0	14,774.0	Up	
PT1002	EF-2	Roof Exhaust - 2	Round	65	52	193	70.0	25.0	120.0	13,500.0	12,354.0	14,774.0	Up	
PT1003	EF-3	Roof Exhaust - 3	Round	65	52	198	70.0	25.0	120.0	13,500.0	12,354.0	14,774.0	Up	
PT1004	EF-4	Roof Exhaust - 4	Round	65	52	205	70.0	25.0	120.0	13,500.0	12,354.0	14,774.0	Up	
PT1005	EF-5	Roof Exhaust - 5	Round	65	52	210	70.0	25.0	120.0	13,500.0	12,354.0	14,774.0	Up	
PT1006	EF-6	Roof Exhaust - 6	Round	65	52	215	70.0	25.0	120.0	13,500.0	12,354.0	14,774.0	Up	

NJMC 1-E Landfill (02844)

Date: 4/27/2023

**New Jersey Department of Environmental Protection
Emission Unit/Batch Process Inventory**

U 1 Landfill Closed Municipal Solid Waste Landfill With Open Flare combusting untreated LFG

UOS NJID	Facility's Designation	UOS Description	Operation Type	Signif. Equip.	Control Device(s)	Emission Point(s)	SCC(s)	Annual Oper. Hours		VOC Range	Flow (acfm)		Temp. (deg F)	
								Min.	Max.		Min.	Max.	Min.	Max.
OS2	Open Flare	Open Flare (LFG Specialties Model CF 40112, 2000 ACFM) combusting untreated LFG	Normal - Steady State	E1	CD502 (P)	PT2	5-01-004-06				200.0	2,000.0	1,400.0	1,800.0

U 2 Transfer Sta Transfer Station with Space Heater (IS3)

UOS NJID	Facility's Designation	UOS Description	Operation Type	Signif. Equip.	Control Device(s)	Emission Point(s)	SCC(s)	Annual Oper. Hours		VOC Range	Flow (acfm)		Temp. (deg F)	
								Min.	Max.		Min.	Max.	Min.	Max.
OS1	Transfer Sta	Transfer Station	Normal - Steady State	E2	CD1001 (P)	PT1001	5-03-008-30	0.0	8,760.0		81,000.0	88,644.0	0.0	212.0
					CD1002 (P)	PT1002								
					CD1005 (P)	PT1003								
					CD1007 (P)	PT1004								
					CD1009 (P)	PT1005								
					CD1011 (P)	PT1006								

NJMC 1-E Landfill (02844)

Date: 5/1/2023

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: FC

Operating Scenario:

Step:

General Data

This Source No Longer Exists (Mark For Deletion)

☐

Associated Permit Activity #:

BOP100001

This Source Has No Reportable Emissions for 2022

☐

Quarterly Throughput (%)

Source Process Data Is Considered Confidential

☐

Q1: 25.00 Q2: 25.00 Q3: 25.00 Q4: 25.00

Source Did Not Operate

☐

NJDEP Default Emission Calculations

☐

NJMC 1-E Landfill (02844)

Date: 5/1/2023

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: FC

Operating Scenario:

Step:

Emissions Data

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)				
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive		Value	Units
CO		20.73	0.00			68.06	0.00	127.92	0.00					
NOx (Total)		3.81	0.00	1.06	0.00	12.51	0.00							
Pb		0.00	0.00											
PM-10 (Total)		0.94	0.00											
PM-2.5 (Total)		0.94	0.00											
SO2		0.12	0.00											

NJMC 1-E Landfill (02844)

Date: 5/1/2023

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: FC

Operating Scenario:

Step:

Emissions Data

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)				
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive		Value	Units
TSP		0.94	0.00											
VOC (Total)		0.02	0.31			0.16	2.10							
CO2		6.43	1.71											
Methane		0.40	777.78											

New Jersey Department of Environmental Protection
Emission Statement

Subject Item: FG0 Summary
Operating Scenario:
Step:
General Data

<input type="checkbox"/>	This Source No Longer Exists (Mark For Deletion)	<input type="checkbox"/>	Associated Permit Activity #:	<input type="text"/>						
<input type="checkbox"/>	This Source Has No Reportable Emissions for 2022	<input type="checkbox"/>	Quarterly Throughput (%)							
<input type="checkbox"/>	Source Process Data Is Considered Confidential	<input type="checkbox"/>	Q1:	<input type="text"/>	Q2:	<input type="text"/>	Q3:	<input type="text"/>	Q4:	<input type="text"/>
<input type="checkbox"/>	Source Did Not Operate	<input type="checkbox"/>								
<input type="checkbox"/>	NJDEP Default Emission Calculations	<input type="checkbox"/>								

NJMC 1-E Landfill (02844)

Date: 5/1/2023

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: FG1 Emissions from Paved Roads

Operating Scenario:

Step:

General Data

This Source No Longer Exists (Mark For Deletion) ☐

This Source Has No Reportable Emissions for 2022 ☐

Source Process Data Is Considered Confidential ☐

Source Did Not Operate ☒

NJDEP Default Emission Calculations ☐

Associated Permit Activity #:

Quarterly Throughput (%)

Q1: Q2: Q3: Q4:

New Jersey Department of Environmental Protection
Emission Statement

Subject Item: FG3 Emissions from Unpaved Roads

Operating Scenario:

Step:

General Data

This Source No Longer Exists (Mark For Deletion)	<input type="checkbox"/>	Associated Permit Activity #:	<input type="text" value="BOP100001"/>
This Source Has No Reportable Emissions for 2022	<input type="checkbox"/>	Quarterly Throughput (%)	
Source Process Data Is Considered Confidential	<input type="checkbox"/>	Q1:	<input type="text"/>
Source Did Not Operate	<input checked="" type="checkbox"/>	Q2:	<input type="text"/>
NJDEP Default Emission Calculations	<input type="checkbox"/>	Q3:	<input type="text"/>
		Q4:	<input type="text"/>

NJMC 1-E Landfill (02844)

Date: 5/1/2023

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: ISO Summary

Operating Scenario:

Step:

General Data

This Source No Longer Exists (Mark For Deletion)

☐

Associated Permit Activity #:

This Source Has No Reportable Emissions for 2022

☐

Quarterly Throughput (%)

Source Process Data Is Considered Confidential

☐

Q1: Q2: Q3: Q4:

Source Did Not Operate

☒

NJDEP Default Emission Calculations

☐

NJMC 1-E Landfill (02844)

Date: 5/1/2023

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: U1 Landfill - Closed Municipal Solid Waste Landfill With Open Flare combusting untreated LFG

Operating Scenario: OS0 Summary

Step:

General Data

<input type="checkbox"/> This Source No Longer Exists (Mark For Deletion)	<input type="checkbox"/> Associated Permit Activity #:	<input type="text"/>
<input type="checkbox"/> This Source Has No Reportable Emissions for 2022	<input type="checkbox"/> Quarterly Throughput (%)	
<input type="checkbox"/> Source Process Data Is Considered Confidential	<input type="checkbox"/> Q1: <input type="text"/>	Q2: <input type="text"/> Q3: <input type="text"/> Q4: <input type="text"/>
<input type="checkbox"/> Source Did Not Operate	<input type="checkbox"/>	
<input type="checkbox"/> NJDEP Default Emission Calculations	<input type="checkbox"/>	

NJMC 1-E Landfill (02844)

Date: 5/1/2023

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: U1 Landfill - Closed Municipal Solid Waste Landfill With Open Flare combusting untreated LFG

Operating Scenario: OS0 Summary

Step:

Emissions Data

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors		
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)					
		Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive		Total	Fugitive	Value
CO			20.73	0.00			68.06	0.00	127.92	0.00					
CO2			6.43	1.71											
Methane			0.40	777.78											
NOx (Total)			3.81	0.00	1.06	0.00	12.51	0.00							
Pb			0.00	0.00											
PM-10 (Total)			0.94	0.00											

New Jersey Department of Environmental Protection
Emission Statement

Subject Item: U1 Landfill - Closed Municipal Solid Waste Landfill With Open Flare combusting untreated LFG
Operating Scenario: OS0 Summary
Step:

Emissions Data

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)				
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive		Value	Units
PM-2.5 (Total)		0.94	0.00											
SO2		0.12	0.00											
TSP		0.94	0.00											
VOC (Total)		0.02	0.31			0.16	2.10							

NJMC 1-E Landfill (02844)

Date: 5/1/2023

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: U1 Landfill - Closed Municipal Solid Waste Landfill With Open Flare combusting untreated LFG

Operating Scenario: OS2

Step:

General Data

This Source No Longer Exists (Mark For Deletion) ☐

This Source Has No Reportable Emissions for 2022 ☐

Source Process Data Is Considered Confidential ☐

Source Did Not Operate ☐

NJDEP Default Emission Calculations ☐

Associated Permit Activity #:

Quarterly Throughput (%)

Q1: Q2: Q3: Q4:

Process Data

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	87.2000	MMft ³	1,066	44	6	
Between 12/1/21 - 2/28/22	137.1000	MMft ³	2,001	83	12	
For the Entire Year of 2022	462.7570	MMft ³	6,299	262	37	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: U1 Landfill - Closed Municipal Solid Waste Landfill With Open Flare combusting untreated LFG

Operating Scenario: OS2

Step:

Emissions Data

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)				
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive		Value	Units
CO		20.73	0.00			68.06	0.00	127.92	0.00			Manufacturer's Estimate or Data	3.70E-01	lb/MMBTU
Methane		0.40	777.78									Best engineering judgement	7.05E-03	lb/MMBTU
NOx (Total)		3.81	0.00	1.06	0.00	12.51	0.00					Manufacturer's Estimate or Data	6.80E-02	lb/MMBTU
Pb		0.00	0.00									Best engineering judgement	0.00E+00	lb/unit - produced
PM-10 (Total)		0.94	0.00									AP-42	1.70E+01	lb/MMBTU
PM-2.5 (Total)		0.94	0.00									AP-42	1.70E+01	lb/MMBTU

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: U1 Landfill - Closed Municipal Solid Waste Landfill With Open Flare combusting untreated LFG

Operating Scenario: OS2

Step:

Emissions Data

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)				
		Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive		Total	Fugitive
SO2		0.12	0.00									AP-42	3.97E-06	lb/ft^3
TSP		0.94	0.00									Manufacturer's Estimate or Data	1.70E+01	lb/MMBTU
VOC(Total)		0.02	0.31			0.16	2.10					Source test or other measurements	8.44E-06	lb/ft^3
CO2		6.43	1.71									Best engineering judgement	1.15E+02	lb/MMBTU

New Jersey Department of Environmental Protection
Emission Statement

Subject Item: U2 Transfer Sta - Transfer Station with Space Heater (IS3)

Operating Scenario: OS0 Summary

Step:

General Data

This Source No Longer Exists (Mark For Deletion)	<input type="checkbox"/>	Associated Permit Activity #:	<input type="text"/>
This Source Has No Reportable Emissions for 2022	<input type="checkbox"/>	Quarterly Throughput (%)	
Source Process Data Is Considered Confidential	<input type="checkbox"/>	Q1:	<input type="text"/>
Source Did Not Operate	<input checked="" type="checkbox"/>	Q2:	<input type="text"/>
NJDEP Default Emission Calculations	<input type="checkbox"/>	Q3:	<input type="text"/>
		Q4:	<input type="text"/>

NJMC 1-E Landfill (02844)

Date: 5/1/2023

**New Jersey Department of Environmental Protection
Emission Statement**

Subject Item: U2 Transfer Sta - Transfer Station with Space Heater (IS3)

Operating Scenario: OS1

Step:

General Data

This Source No Longer Exists (Mark For Deletion) ☐

This Source Has No Reportable Emissions for 2022 ☐

Source Process Data Is Considered Confidential ☐

Source Did Not Operate ☒

NJDEP Default Emission Calculations ☐

Associated Permit Activity #:

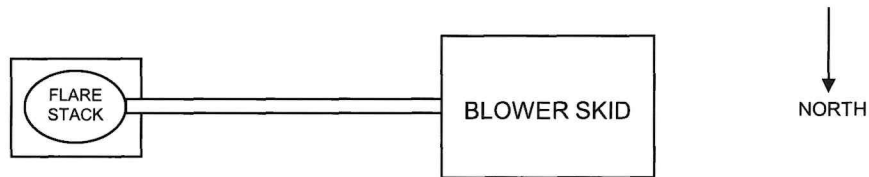
Quarterly Throughput (%)

Q1: Q2: Q3: Q4:

FUGITIVE OR SMOKE EMISSION INSPECTION OUTDOOR LOCATION

COMPANY: Balefill 1-E	OBSERVER: Doug Cordisco
LOCATION: Flare	AFFILIATION: SCS-FS
COMPANY REP: Tom Marturano	DATE: 5/8/2023
SKY CONDITION: Clear	WIND DIRECTION: North
PRECIPITATION: None	WIND SPEED: 3 MPH
INDUSTRY: Landfill	PROCESS UNIT: Flare
OPERATIONAL STATUS: On	

Sketch the process unit: Indicate observer position relative to source, indicate potential emission points and/or actual emission points.



x - Observer

OBSERVATIONS: No emissions observed

	CLOCK TIME	OBSERVATION PERIOD DURATION	ACCUMULATED EMISSION TIME
		MIN:SEC	MIN:SEC
BEGIN OBSERVATIONS:	8:00 - 8:15	15 Minutes	0
	8:15 - 8:20	Break	0
	8:20 - 8:35	15 Minutes	0
	8:35 - 8:40	Break	0
	8:40 - 8:55	15 Minutes	0
	8:55 - 9:00	Break	0
	9:00 - 9:15	15 Minutes	0
	9:15 - 9:20	Break	0
	9:20 - 9:35	15 Minutes	0
	9:35 - 9:40	Break	0
	9:40 - 9:55	15 Minutes	0
	9:55 - 10:00	Break	0
	10:00 - 10:15	15 Minutes	0
	10:15 - 10:20	Break	0
	10:20 - 10:35	15 Minutes	0
	10:35 - 10:40	Break	0
END OBSERVATIONS:	8:00 - 10:40	2 Hours	0 Minutes

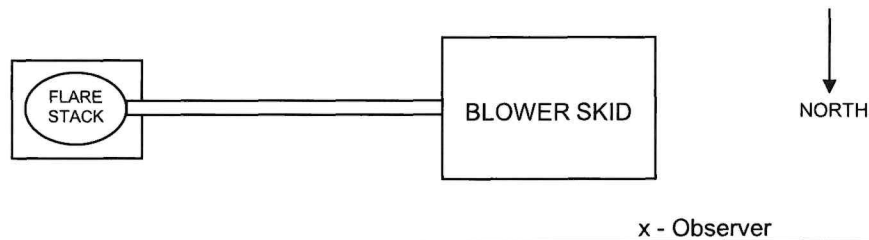
CORRECTIVE ACTION (IF TAKEN): None Needed

DATE OF FOLLOW UP INSPECTION (IF NEEDED): None Needed

FUGITIVE OR SMOKE EMISSION INSPECTION OUTDOOR LOCATION

COMPANY: Balefill 1-E	OBSERVER: Doug Cordisco
LOCATION: Flare	AFFILIATION: SCS-FS
COMPANY REP: Monica Miannecki	DATE: 11/1/2023
SKY CONDITION: Partly Cloudy	WIND DIRECTION: NW
PRECIPITATION: None	WIND SPEED: 11 MPH
INDUSTRY: Landfill	PROCESS UNIT: Flare
OPERATIONAL STATUS: On	

Sketch the process unit: Indicate observer position relative to source, indicate potential emission points and/or actual emission points.



OBSERVATIONS: No emissions observed

	CLOCK TIME	OBSERVATION	ACCUMULATED
		PERIOD DURATION	EMISSION TIME
		MIN:SEC	MIN:SEC
BEGIN OBSERVATIONS:	10:30 - 10:45	15 Minutes	0
	10:45 - 10:50	Break	0
	10:50 - 11:05	15 Minutes	0
	11:05 - 11:10	Break	0
	11:10 - 11:25	15 Minutes	0
	11:25 - 11:30	Break	0
	11:30 - 11:45	15 Minutes	0
	11:45 - 11:50	Break	0
	11:50 - 12:05	15 Minutes	0
	12:05 - 12:10	Break	0
	12:10 - 12:25	15 Minutes	0
	12:25 - 12:30	Break	0
	12:30 - 12:45	15 Minutes	0
	12:45 - 12:50	Break	0
	12:50 - 13:05	15 Minutes	0
	13:05 - 13:10	Break	0
END OBSERVATIONS:	10:30 - 13:10	2 Hours	0 Minutes

CORRECTIVE ACTION (IF TAKEN): None Needed

DATE OF FOLLOW UP INSPECTION (IF NEEDED): None Needed

ATTACHMENT 4

ANNUAL H₂S FENCELINE MONITORING DATA

1 - E LANDFILL

2015 Imagery



New Jersey Department of Environmental Protection
Division of Air Quality
FENCELINE AIR MONITORING FOR HYDROGEN SULFIDE

HYDROGEN SULFIDE MONITORING DATA FORM

Facility Name	Balefill 1 -e						
Sample Date	06/21/23						
Sampling Technician	Mike Marks						
Zero Check	Before sampling @ start						
Sensor Regeneration	Before sampling						
Location	Point 1, 710026,597525						
Source: Wind Speed/Direction	Atmospheric						
Wind Speed	8 mph						
Wind Direction	NE						
Sample Interval	0:00	0:05	0:10	0:15	0:20	0:25	0:30
Clock Time	07:00	07:05	07:10	07:15	07:20	07:25	07:30
H2S Concentration (ppbv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average H2S Concentration (ppbv)	0.0						

Sampling Technician **Mike Marks 6-21-23**

Signature & Date - - - - -

Data Manager

Signature & Date - - - - -

New Jersey Department of Environmental Protection
Division of Air Quality
FENCELINE AIR MONITORING FOR HYDROGEN SULFIDE


HYDROGEN SULFIDE MONITORING DATA FORM

Facility Name	Balefill 1 -e						
Sample Date	06/21/23						
Sampling Technician	Mike Marks						
Zero Check	Before sampling @ start						
Sensor Regeneration	Before sampling						
Location	Point 2, 710026,597525						
Source: Wind Speed/Direction	Atmospheric						
Wind Speed	9 mph						
Wind Direction	NE						
Sample Interval	0:00	0:05	0:10	0:15	0:20	0:25	0:30
Clock Time	07:35	07:40	07:45	07:50	07:55	08:00	08:05
H2S Concentration (ppbv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average H2S Concentration (ppbv)	0.0						

Sampling Technician **Mike Marks 6-21-23**

Signature & Date - - - - -

Data Manager



Signature & Date - - - - -

New Jersey Department of Environmental Protection
Division of Air Quality
FENCELINE AIR MONITORING FOR HYDROGEN SULFIDE

HYDROGEN SULFIDE MONITORING DATA FORM

Facility Name	Balefill 1 -e						
Sample Date	06/21/23						
Sampling Technician	Mike Marks						
Zero Check	Before sampling @ start						
Sensor Regeneration	Before sampling						
Location	Point 3, 708834,598945						
Source: Wind Speed/Direction	Atmospheric						
Wind Speed	9 mph						
Wind Direction	NE						
Sample Interval	0:00	0:05	0:10	0:15	0:20	0:25	0:30
Clock Time	08:10	08:15	08:20	08:25	08:30	08:35	08:40
H2S Concentration (ppbv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average H2S Concentration (ppbv)	0.0						

Sampling Technician **Mike Marks 6-21-23**

Signature & Date - - - - -

Data Manager

S. R. Schiff

Signature & Date - - - - -

New Jersey Department of Environmental Protection
Division of Air Quality
FENCELINE AIR MONITORING FOR HYDROGEN SULFIDE

HYDROGEN SULFIDE MONITORING DATA FORM

Facility Name	Balefill 1 -e						
Sample Date	06/21/23						
Sampling Technician	Mike Marks						
Zero Check	Before sampling @ start						
Sensor Regeneration	Before sampling						
Location	Point 4, 070925,599346						
Source: Wind Speed/Direction	Atmospheric						
Wind Speed	8 mph						
Wind Direction	NE						
Sample Interval	0:00	0:05	0:10	0:15	0:20	0:25	0:30
Clock Time	08:45	08:50	08:55	09:00	09:05	09:10	09:15
H2S Concentration (ppbv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average H2S Concentration (ppbv)	0.0						

Sampling Technician **Mike Marks 6-21-23**

Signature & Date - - - - -

Data Manager

Signature & Date -----

New Jersey Department of Environmental Protection
Division of Air Quality
FENCELINE AIR MONITORING FOR HYDROGEN SULFIDE

HYDROGEN SULFIDE MONITORING DATA FORM

Facility Name	Balefill 1 -e						
Sample Date	06/21/23						
Sampling Technician	Mike Marks						
Zero Check	Before sampling @ start						
Sensor Regeneration	Before sampling						
Location	Point 5, 0707305,599669						
Source: Wind Speed/Direction	Atmospheric						
Wind Speed	8 mph						
Wind Direction	NE						
Sample Interval	0:00	0:05	0:10	0:15	0:20	0:25	0:30
Clock Time	09:20	09:25	09:30	09:35	09:40	09:45	09:55
H2S Concentration (ppbv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average H2S Concentration (ppbv)	0.0						

Sampling Technician **Mike Marks 6-21-23**

Signature & Date - - - - -

Data Manager

SARSA

Signature & Date - - - - -

New Jersey Department of Environmental Protection
Division of Air Quality
FENCELINE AIR MONITORING FOR HYDROGEN SULFIDE

HYDROGEN SULFIDE MONITORING DATA FORM

Facility Name	Balefill 1 -e						
Sample Date	06/21/23						
Sampling Technician	Mike Marks						
Zero Check	Before sampling @ start						
Sensor Regeneration	Before sampling						
Location	Point 6, 0706236, 599325						
Source: Wind Speed/Direction	Atmospheric						
Wind Speed	8 mph						
Wind Direction	NE						
Sample Interval	0:00	0:05	0:10	0:15	0:20	0:25	0:30
Clock Time	10:00	10:05	10:10	10:15	10:20	10:25	10:30
H2S Concentration (ppbv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average H2S Concentration (ppbv)	0.0						

Sampling Technician **Mike Marks 6-21-23**

Signature & Date - - - - -

Data Manager

Signature & Date  - - - - -

New Jersey Department of Environmental Protection
Division of Air Quality
FENCELINE AIR MONITORING FOR HYDROGEN SULFIDE

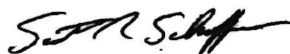
HYDROGEN SULFIDE MONITORING DATA FORM

Facility Name	Balefill 1 -e						
Sample Date	06/21/23						
Sampling Technician	Mike Marks						
Zero Check	Before sampling @ start						
Sensor Regeneration	Before sampling						
Location	Point 7, 0706236, 599325						
Source: Wind Speed/Direction	Atmospheric						
Wind Speed	8 mph						
Wind Direction	NE						
Sample Interval	0:00	0:05	0:10	0:15	0:20	0:25	0:30
Clock Time	10:30	10:35	10:40	10:45	10:50	10:55	11:00
H2S Concentration (ppbv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average H2S Concentration (ppbv)	0.0						

Sampling Technician **Mike Marks 6-21-23**

Signature & Date - - - - -

Data Manager



Signature & Date - - - - -

New Jersey Department of Environmental Protection
Division of Air Quality
FENCELINE AIR MONITORING FOR HYDROGEN SULFIDE

HYDROGEN SULFIDE MONITORING DATA FORM

Facility Name	Balefill 1 -e						
Sample Date	06/21/23						
Sampling Technician	Mike Marks						
Zero Check	Before sampling @ start						
Sensor Regeneration	Before sampling						
Location	Point 8, 704187, 598623						
Source: Wind Speed/Direction	Atmospheric						
Wind Speed	8 mph						
Wind Direction	NE						
Sample Interval	0:00	0:05	0:10	0:15	0:20	0:25	0:30
Clock Time	11:00	11:05	11:10	11:15	11:20	11:25	11:30
H2S Concentration (ppbv)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average H2S Concentration (ppbv)	0.0						

Sampling Technician **Mike Marks 6-21-23**

Signature & Date - - - - -

Data Manager

Signature & Date -----

SERVICE SUMMARY

Facility Profile

Facility ID: 02844
Facility Name: LANDFILL SITE 1E

County: Bergen

Facility Location:
100 BALER BLVD
North Arlington, NJ 07031

Mailing Address:
1 DEKORTE PARK PLZ
Lyndhurst, NJ 07071

Contacts

Name: Monica Mianeki
Title: Director of Solid Waste
Contact Type: Compliance Certification Contact
E-Mail: mmianeki@njsea.com
Phone: 2014602813 (Work Phone Number)

Specific Registration Information

[Click here to review the uploaded form.](#) (If the uploaded form does not appear, click on the link to view the form while holding down the CTRL key. Continue holding down the CTRL key until the pop-up appears.)

Certification

"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. I am aware that there are significant civil and criminal penalties, including the possibility of fine or imprisonment or both, for submitting false, inaccurate or incomplete information."

Lisa Wilkinson

Individual With Direct Knowledge

07/13/2023

Date

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attached documents and, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil and criminal penalties, including the possibility of fine or imprisonment or both, for submitting false, inaccurate or incomplete information."

Monica Mianeki
Responsible Official

07/14/2023
Date

Section I - Facility Information

1) Facility Name: Landfill Site 1-E

2) Program Interest Number (5-Digit): 02844

The permittee shall submit to the Department and to the EPA, a periodic compliance certification, in accordance with N.J.A.C. 7:27-22.19(f) and the schedule for submittal of compliance certifications set forth in the compliance plan of your operating permit. **The annual compliance certification is due to the Department and the EPA within 60 days of the expiration of each 1-year anniversary of the Initial Operating Permit Approval Date, unless otherwise specified in your approved operating permit.**

3) Submittal Type: First Semi-Annual Report (Choose from List)

4) Is this a revision of an already submitted report? Yes (Choose from List)

5) Reporting Year: 2023

6) This report is due: 07/30/2023
(MM/DD/YYYY)

and covers the reporting period from: 01/01/2023 to: 06/30/2023
(MM/DD/YYYY) (MM/DD/YYYY)

7) The methods used to determine the compliance status for each permit limitation are, at a minimum, as specified in the approved operating permit.

Section II - Compliance Certification Statement

Compliance Status for the Reporting Period:

- ☐ a. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit and has been in continuous compliance for the time period listed in Section I.3 above.
- ☐ b. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of operating permit but had periods of non-compliance during the time period listed in Section I.3 above which are listed in the Deviation Summary tab.
- ☐ c. Pursuant to N.J.A.C. 7:27-22.19(f)1.ii, I hereby state that this facility is in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit for the time period listed in Section I.3 above except those applicable requirements listed in the compliance schedule, included in my operating permit pursuant to N.J.A.C. 7:27-22.9(c)7, which includes a sequence of actions with milestones leading to compliance with the applicable requirement.
- ☐ d. Pursuant to N.J.A.C. 7:27-22.19(f)1.iii, I hereby state that this facility is in compliance with all applicable requirements for the time period listed in Section I.3 above as indicated in the facility specific requirements of my operating permit, except for those applicable requirements included in an order or consent decree not incorporated into a compliance schedule.
- ☐ e. Pursuant to N.J.A.C. 7:27-22.19(f)1.iv, I hereby state that this facility is currently not in compliance with at least one applicable requirement in the facility specific requirements of my operating permit, which are listed in the Deviation Summary tab.
- ☒ f. None of the above. This is a semi-annual report.



State of New Jersey
Department of Environmental
Protection

Section IIIa - Summary of Facility and Emission Unit Compliance Status

Add Rows

Insert Row

Delete Rows

Set All Yes/No

Permit Activity ID	<i>Each unit includes ALL Operating Scenarios (OS), Steps (ST), Control Devices (CD), Emission Point (PT), Group (GR) and Equipment (E) listed under that UNIT or BP</i> Emission Unit/Batch Process	Continuous Compliance Throughout the Reporting Period
BOP190001	FC	Yes
BOP190001	IS1	Yes
BOP190001	IS2	Yes
BOP190001	IS3	Yes
BOP190001	U1: Includes OS Summary and OS2	Yes
BOP190001	U2: Includes OS Summary and OS1	Yes



Section IIIb - Summary of Facility and Emission Unit Compliance Status

Add Rows Insert Row Delete Rows

Permit Activity Number	Select the Subject Item(s) from the Operating Permit associated with the Deviation.				Requirement Reference #	Requirement Type	Description of Deviation	Compliance Status at End of the Reporting Period
	SI Type	SI Number	Operating Scenario	Step Number				

Section IIIb - Summary of Facility and Emission Unit Compliance Status

Was this Deviation Intermittent or Continuous Throughout the Reporting Period?	Deviation Notification / Department Response Status	Compliance Report Type	Enforcement Action Activity Number	Communication Center Notification Number or Reported Date	Recurring Deviation of Requirement	List all Deviation Dates or Date Ranges

Section 111b - Summary of Facility and Emission Unit Compliance Status

Deviation Discovery Date	Affirmative Defense Requested?	Did the Deviation Result in Excess Emissions?	Estimate the Amount of Emissions below		Describe the steps taken to correct the problem (i.e., steps taken to mitigate excess emissions, equipment repairs, etc.) and the preventive measures employed to avoid future incidents.	Comments
			Type of Contaminants	Amount (lbs.)		