



Operated by NEWSME Landfill Operations, LLC

MONTHLY STATUS REPORT

December 2023

Construction and operation activities:

- ❖ Continued placing waste in Cell 15
- ❖ Performed site maintenance/cleanup as required
- ❖ Continued extending gas wells in the landfill as filling occurred
- ❖ Continued construction of the Renewable Natural Gas (RNG) Facility
- ❖ Completed installation of additional gas wells and infrastructure to help eliminate landfill gas odors
- ❖ Completed installing Cell 15 Stage 1 landfill gas infrastructure and began installing Cell 15 Stage 2
- ❖ Continued chipping the wood pile in the JRL wood transfer station
- ❖ Completed the landfill access road from the top of the landfill into Cell 15
- ❖ Identified/investigated multiple H₂S spikes on 12/01/23 which reached as high as 28.70 ppb, recorded on the 552 West Old Town Road off-site H₂S Monitor. The spikes reached levels above 15 ppb beginning at 6:40 PM and ended at 10:25 PM. The meter appeared to be working correctly when checked but wind directions had changed. There is some uncertainty to whether or not the high spikes may be caused by diesel fumes generated on the property by vehicles utilized by the property tenant. That said, JRL staff have worked diligently on improving gas collection infrastructure to minimize off-site odors throughout December of 2023.
- ❖ Identified/investigated two H₂S spikes on 12/30/23 which reached levels above 15 ppb, recorded on the 552 West Old Town Road off-site H₂S Monitor. The two spikes occurred at 10:27 AM and 11:12 AM and reached levels of 17.02 ppb and 25.14 ppb respectfully. The meter appeared to be working correctly when checked afterwards. JRL staff have worked diligently on improving gas collection infrastructure to minimize off-site odors throughout December of 2023. Additional improvements will continue in 2024.

Reports/Plans Submitted:

- ❖ November 2023 - monthly reports
 - ✓ Waste activity report
 - ✓ Overweight truck report
 - ✓ Odor complaint report
 - ✓ Host benefits summary
 - ✓ Monthly status report

(Monthly reports prepared and distributed to the State of Maine Bureau of General Services)

- ❖ JRL well tuning EDDs (November – December 2023)
- ❖ JRL Fall 2023 Water Quality Results
- ❖ Response to Preliminary Information Report review memo dated September 21, 2023

License/permits/approvals applied for, received, or renewed:

- ❖ Received Air Emission License Amendment A-921-77-6-A to allow for the installation of a continuous pilot light on JRL's Flare #4
- ❖ Stage 2 Final Cover Design Report submitted for MEDEP review

License/permits/application/report fees paid:

- ❖ Stage 2 Final Cover Design Report condition compliance submittal fee - \$207.00
- ❖ 2024 Stormwater Annual Fee MER05B477 - \$721.00
- ❖ 2023 Air Licensing Fee A-000921 - \$5,878.30 paid in November 2023 not previously reported

Volume of leachate transported for disposal:

- ❖ 3,417,010 Gallons

Landfill gas extracted for destruction through flares:

- ❖ 124,347,375 Cubic Feet

Quantity of wastes/other materials received at the landfill:

- ❖ 67,821.35 Tons

Management of Coastal Resources of Maine LLC MSW Bypass:

- ❖ Please refer to Attachment A

Anticipated construction and operation activities next month:

- ❖ Continue placing waste primarily in Cell 15
- ❖ Begin placing waste on the South end of the landfill to finalized waste grades in preparation for Stage 2 Final Cover construction
- ❖ Perform normal site maintenance/cleanup as required
- ❖ Continue extending wells in the landfill as filling occurs
- ❖ Continue construction of the Renewable Natural Gas (RNG) Facility
- ❖ Continue installing Cell 15 Stage 2 landfill gas infrastructure
- ❖ Continue chipping the wood pile in the JRL wood transfer station

Attachment A

**Compliance With BGS/NEWSME Monthly Reporting Requirement in the Last Sentence of
Condition 2A of Minor Revision #S-020700-WD-BP-M: Management of MRC/MWC Bypass
Calendar 2023**

Bypass Management Options:

- Transported by Pine Tree Waste Services to Penobscot Energy Recovery Company
- Transported by Pine Tree Waste Services to Juniper Ridge Landfill
- Transported by an MRC/MWS member municipality (e.g. from transfer station) to JRL
- Transported by a 3rd party (either commercial or residential MSW).

Commercial Waste Categories from 2023 MRC/MWS/Pine Tree Waste Supply Agreement:

- Category 1 Waste
- Category 2 Waste

	MSW Tons Bypassed by MRC/MWS						
	Commercial				3rd Party	Residential	
	Pine Tree Waste Services Commercial Waste					PTW	directly or 3rd party
	Category 1		Category 2				
	PERC	JRL	PERC	JRL	JRL	JRL	
January	716.78	2489.66	0	5487.77	274.67	1430.3	2524.42
February	295.86	2397.06	0	4546.02	288.81	1234.07	2171.25
March	151.12	2952.23	0	5422.79	388.69	1463.57	2519.93
April	138.66	2793.62	0	5232.75	393.44	1472.43	2438.22
May	338.71	3145.16	0	5841.66	443.74	1598.84	3085.58
June	168.93	3097.95	0	5895.73	423.09	1729.84	3451.43
July	117.58	2969.19	0	3286.61	425.48	1662.83	3706.46
August	0	3428.54	0	2900.45	552.85	1828.47	4178.52
September	0	3076.48	0	3985.82	567.65	1650.5	3635.87
October	0	3250.67	0	1615.27	640.09	1688.4	3445.96
November	0	2995.49	0	5197.53	598.65	1654.23	2948.78
December	0	2996.32	0	5840.05	657.55	1635.86	2504.38