Incident Report Form for Solid Waste Management Facilities –

Permitted and Permit-Exempt Facilities

Waste Management Division, SWMB

RSA/Rule: Env-Sw 1005.09(c)

Instructions: Complete form in its entirety, utilizing additional pages, as necessary. Maps and diagrams are recommended for clarity. A written report is due within 5 working days of the incident / situation date. Form meets the requirements of Env-Sw 1005.09(c) for "written report" if completed in its entirety and submitted in accordance with submission timeframe requirements.

Section I – General Information		
1. Date & Time of Incident / Situation:	**2. Date of Report Submission to NHDES:**	**3. Name of Person Preparing Report:**
8/26/2024-9/1/2024	9/3/24	Lindsey Menard
4. Facility Name:	**5a. Affected Area Within Facility**	**5b. Physical Address, Town / City:**
North Country Environmental Services	North Country Environmental Services	581 Trudeau Road, Bethlehem, NH 03574
6. NHDES SW Permit Number:	**7. Permittee Name on Permit:**	**8. Mailing Address:**
DES-SW-SP-03-002	North Country Environmental Services	P.O. Box 9 Bethlehem, NH 03574

Section II – Parties Involved in Incident / Situation			
9. Persons:			
	Name:	**Title:**	**Affiliation:**
a.	Joe Gay	Engineer	Casella
b.	Kevin Roy	General Manager	Casella
c.	Bruce Grover	Operations Manager	Casella
d.	Kim Crosby	Director of Compliance	Casella
e.			
f.			

Section III – Details
10. The quantity and types of wastes and material(s) involved in the incident or situation and in the clean-up activities:
This matter involves Pump Station #2 secondary detection flows. The 30-day rolling average flows for the reporting period of August 26th to September 1st for Pump Station #2 secondary ranged from 28.3 to 39.1 gallons per acre per day: 8/26/2024 39.1 g/a/d 8/27/2024 37.9 g/a/d 8/28/2024 34.2 g/a/d 8/29/2024 32.6 g/a/d 8/30/2024 30.8 g/a/d 8/31/2024 29.4 g/a/d 9/1/2024 28.3 g/a/d

11. Measures employed to contain releases caused by the incident or situation:

No release caused by this incident

12. Assessment of actual or potential hazards to the environment, safety and human health related to the incident:

Actual or potential hazards to the environment, safety, and human health related to the incident were assessed and determined to be absent. Our assessment indicates that while liquid levels on the secondary are exceeding an action level, the magnitude of the increase is low and within the hydraulic capacity of the systems. Additionally, the primary leachate systems are functioning properly, and the secondary liner system is doing its job, in that there has been no release of leachate outside the lined area of the landfill, and leachate is being managed in a manner that is fully protective of groundwater and the environment.

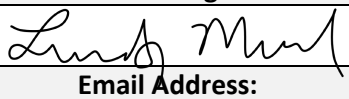
13. Measures the permittee has or intends to apply to reduce, eliminate, and prevent a recurrence of the incident or situation:

The permittee's investigation of this matter is ongoing, and we will implement additional measures to reduce, eliminate and prevent a recurrence of the incident or situation based on the results of the investigation when complete. The following are measures that we have taken or intend to take to eliminate and prevent a recurrence of the incident or situation, and to minimize stormwater flow into the waste mass and control generation of leachate:

- Reviewed as built and design plans; cleaned and conducted camera assessment of piping and lines.
- Reviewed and assessed historical and current flow data; sampled primary and secondary flows.
- Field audit of secondary detection flowmeter of Pump Station 2.
- Commissioned a third-party consultant investigation by CMA Engineers concerning Pump Station 2 secondary exceedance (submitted with the response to the LOD on July 15th).
- Commissioned a third-party consultant leachate management evaluation by Sanborn Head & Associates (submitted with the response to the LOD on July 15th)
- Placed additional soils in select areas within approximately 13 acres on the north slope and top deck areas of the landfill to reduce the potential for ponding, along with constructing stormwater diversion berms and letdown structures.
- Seeded nearly 8 acres of the landfill following installation of intermediate cover and stormwater controls, to establish vegetation in those areas.
- Completed installation of the initial fluff layer in Stage VI Phase II, which will provide a sufficient waste lift (and cover) over the leachate collection system to minimize direct infiltration of stormwater into the landfill.
- Installed nearly 140,000 square feet of synthetic stormwater diversion membrane over the exposed cell during the initial filling sequence to divert stormwater away from the leachate collection system.
- Constructing 5.9 acres of final cap on the north slope. This work began in April 2024 and will be substantially completed by the Fall of 2024, weather permitting. This capping event along with larger capping events scheduled for 2026 and 2027 will provide further reduction in leachate generation rates.
- Performed maintenance on the primary and secondary sumps which includes pulling the pumps and transducers for cleaning, service, and calibration.
- Checked the placement and location of the transducers for greater accuracy in reporting leachate levels on the liner.
- Secured additional leachate disposal outlets and transporters to provide redundancy so that the

landfill has the capacity to effectively manage leachate generation rates as well as on-site leachate volumes. These additional disposal outlets and transporters give the landfill the flexibility needed to manage leachate demands and provide the on-site storage capacity to maintain leachate compliance levels. • Amended facility operating plan to provide greater flexibility for leachate hauling activities. Application for approval is pending with NHDES. • SHA conducted a refresher training on the leachate collection & management system on July 24th. • Established a centralized leachate sump and storage tank tracking system to provide greater visibility for routine review of leachate levels and flow rates in the primary leachate collection system, secondary detection system, and the storage tanks.

14. If measures not completed by time of report submission, expected date of completion:	In process

Section IV – Signatures		
15a. Person Preparing Report:		
Name:	**Title / Affiliation:**	**Signature:**
Lindsey Menard	Environmental Analyst	
Phone Number:	**Email Address:**	
802-585-0551	lindsey.menard@casella.com	

15b. Permittee:		
Name:	**Title / Affiliation:**	**Signature:**
Kevin Roy	General Manager	ON FILE
Phone Number:	**Email Address:**	
603-361-6477	Kevin.Roy@Casella.com	

Form Submittal Instructions:
Submit the completed report in PDF via email to SolidWasteInfo@des.nh.gov.