


From: [Daun, Mary](#)
To: [Joe Gay](#); [Kevin Roy](#)
Cc: [Colby, Jaime](#)
Subject: June 4, 2024 NCES site visit
Date: Wednesday, June 12, 2024 3:31:00 PM
Attachments: [NCES 6-4-2024 Site Visit Report.pdf](#)

Hi Joe,

Attached is your copy of the NHDES report regarding the NCES site visit on 6/4/2024. If you are unable to open the attached document or require a paper copy, please contact me as shown below. Please let me know if you have any questions.

Thank you,

Mary F. Daun, P.E.
Solid Waste Management Bureau
NH Department of Environmental Services
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	<h2>Site Visit Report</h2>	<p>New Hampshire Department of Environmental Services Waste Management Division P.O. Box 95, 29 Hazen Drive Concord, NH 03302-0095 Phone: 603-271-2925 Fax: 603-271-2456</p>
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Facility/ Site Information	
Facility Name/ Permit No.	North Country Environmental Services Inc / DES-SW-SP-03-002
Permittee	North Country Environmental Services Inc.
Physical Address	581 Trudeau Road, Bethlehem, NH
Mailing Address	1855 VT Route 100, Hyde Park, VT 05665
Facility Type / Waste Types Accepted	Other Permit No. / Date Issued
Lined Landfill / Mixed MSW, C&D, Contaminated Soil, Ash, Other Waste Types	Groundwater Permit: GWP-198704033

Visit Information			
Date of Visit	6/4/2024	NHDES Staff Conducting Site Visit	Mary Daun, Jaime Colby, Emily Jones
Time Arrival / Departure	11:00AM / 12:46PM	Weather	Sunny, 74 - 80°F
Purpose of Site Visit	Records Review (unannounced)		
Photos Taken: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (see end of report)			

PARTICIPANTS (Name/Title of others present)

Kevin Roy, NCES
Bruce Grover, NCES
Elise Thompson, NCES

FACILITY/ SITE DESCRIPTION

North Country Environmental Services, Inc. (NCES) owns and operates a solid waste landfill (facility) of the same name at 581 Trudeau Road in Bethlehem, NH. The facility consists of a double-lined landfill and associated infrastructure managing non-hazardous wastes from an unlimited service area. Leachate is collected in sumps located on the liner system, pumped to on-site leachate storage tanks, and trucked to wastewater treatment facilities. The landfill operates an active landfill gas management system consisting of a collection system and a flare.

SITE VISIT SUMMARY

NHDES arrived at the facility at 11:00 am for an unannounced site visit and proceeded to the main office. NHDES staff met with Kevin Roy. NHDES staff stated the purpose of the site visit was to obtain recent leachate measurement and monitoring system data from April and May with the intent to determine the amount of leachate currently being stored on-site.

Kevin Roy informed NHDES staff that the SCADA system display at the landfill office had not been working for the last couple of days. Kevin stated, however, that the system was operating and data was available at the scale house. Kevin and NHDES staff also discussed the leachate tank storage and high level alarm system. Kevin explained that when the high level alarms for the leachate storage tanks go off, the system automatically shuts down any input (pumps) from the leachate collection system.

NHDES staff also requested NCES provide the leachate data requested from Joe Gay, NCES, by email sent on May 31, 2024.

NHDES staff, Kevin Roy and Bruce Grover then proceeded to the scale house to obtain the requested data. The scale house attendant, Elise Thompson, provided NHDES staff with printouts of the below listed reports of the leachate management system data.

- April 2024 Primary Pumps Totalizer Flows
- May 2024 Primary Pumps Totalizer Flows
- April 2024 Daily Tank Level, Sump Level, and Flow Data
- May 2024 Daily Tank Level, Sump Level, and Flow Data
- June 3 and 4, 2024 Daily Tank Level, Sump Level, and Flow Data
- Totalizer Flow for NCES (Secondary Liner System, April 2024)
- Totalizer Flow for NCES (Secondary Liner System, May 2024)
- Table Identifying Alarm Levels for Sumps and Leachate Storage Tanks
- April 2024 Destination Reports for Leachate Shipments to Wastewater Treatment Facilities
- May 2024 Destination Reports for Leachate Shipments to Wastewater Treatment Facilities

NHDES staff, Kevin Roy, and Bruce Grover then proceeded to the Stage VI, Phase II area for inspection of the working face, based on NHDES staff's request to view the stormwater management methods that were put in place to help reduce the generation of leachate. Kevin stated that about 5 acres of scrim was installed in Stage VI, Phase II in May 2024 to divert some of the stormwater away from the leachate collection system in this stage. See below pictures of Stage VI, Phase II.

NHDES staff, Kevin Roy, and Bruce Grover then proceeded to the north side of the landfill based on NHDES staff's request to view the area which is being prepared for final capping (CAP 4). See pictures below.

NHDES staff and NCES staff returned to the NCES office. NHDES staff stated that the data would be taken back to the NHDES office for further review; however, Jaime Colby stated to Kevin Roy that NHDES has concerns about storage of leachate on the liner system.

NHDES departed the site at 12:46 pm.

PHOTOGRAPHS



100-0024.JPG Stage VI, Phase II Scrim



100-0024.JPG Stage VI, Phase II



100-0024.JPG Stage VI, Phase II



100-0024.JPG Stage VI, Phase II



100-0024.JPG Stage VI, Phase II



100-0024.JPG CAP 4



100-0024.JPG CAP 4



100-0024.JPG CAP 4