

From: [Mills, Austin](#)
To: [Samuel Nicolai](#); [Colby, Jaime](#); [Daun, Mary](#)
Cc: [Kevin Roy](#); [Joe Gay](#)
Subject: RE: Request for Emergency Classification
Date: Monday, April 22, 2024 11:33:00 AM

Samuel,

Thank you for contacting us about an emergency situation requiring leachate hauling operations to occur between the hours of 6:00PM to 6:00AM in addition to normal operational times of 6:00AM to 6:00PM, for a period of 14 days beginning April 19, 2024. As I understand from our conversation on April 22, 2024, you have identified a leachate disposal capacity restraint caused by a disposal limit notification from one of North Country Environmental Services' (NCES) disposal facilities with which written agreements are maintained. This disposal limitation and lack of available capacity has caused the leachate storage system at NCES to reach capacity. I understand that the facility is currently limiting further inflows to the storage tank system through pump cycle management.

I also understand through our conversation that NCES has recently entered into a written agreement with the Manchester NH Wastewater Treatment Facility (WWTF) to allow for up to 150,000 gallons of leachate disposal capacity over a two-week period. You stated during our conversation that NCES is pursuing additional written agreements with other WWTFs to provide adequate disposal capacity in order to manage the quantity of leachate generated during the active life of the landfill.

After our discussion and your statements in the initial email, it is clear that NCES has determined that a non-routine operational emergency exists that requires leachate hauling operations to occur outside normal operating hours. NCES has identified that this operation will continue through May 3, 2024. Env-Sw 1105.08(a) allows for operation outside the hours of 6:00AM to 6:00PM during emergency circumstances. Such actions are allowed under Env-Sw 1105.08(a).

Pursuant to Env-Sw 806.05(b)(1), routine facility operations, including operations during the 25-year storm event, must not result in more than one foot of hydraulic head on the liner system(s). If this event has resulted in more than one foot of hydraulic head on the liner systems, NCES must report an incident to NHDES pursuant to Env-Sw 1005.09, including a verbal notification.

If necessary, once the facility resumes normal operation on May 4, 2024, the Facility Operating Plan / Leachate Management Plan will need to be updated to contain no less than two locations for leachate treatment or disposal which are available to NCES by written agreement to manage the quantity of leachate generated by the facility during its active life.

Please let me know if you have any questions.

Austin Mills

Solid Waste Management Bureau
NH Dept. of Environmental Services
29 Hazen Drive / P.O. Box 95
Concord, NH 03302-0095

Phone: (603) 271-2927

From: Samuel Nicolai <Samuel.Nicolai@casella.com>

Sent: Friday, April 19, 2024 5:04 PM

To: Colby, Jaime <Jaime.M.Colby@des.nh.gov>; Daun, Mary <Mary.F.Daun@des.nh.gov>; Mills, Austin <Austin.S.Mills@des.nh.gov>

Cc: Kevin Roy <Kevin.Roy@casella.com>; Joe Gay <John.Gay@casella.com>

Subject: Request for Emergency Classification

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Jamie,

Consistent with Env-Sw 1105.08(a), NCES is requesting emergency classification for operational hours to move leachate from the facility. We are requesting approval to load and transport leachate on a 24-hour basis, seven days per week, for a 14-day period. We anticipate that we can return to normal hours at the end of the 14-day period. These alternative hours will not impact facility safety, access control, or create nuisances in accordance with Env-Sw 1105.08(b)(1)b.

Our request for emergency classification is based specifically on the following unforeseen circumstances:

- Unforeseen reductions of disposal capacity (# of loads/day) from our primary wastewater disposal outlets; These reductions are causing us to haul leachate much further distances. As a result, the current window of operational hours is not sufficient to keep up with leachate generation;
- Greater than six inches of rain and 36 inches of snow in the last 30 days, which exceed our planning even for normal wet spring months;

Unfortunately, the timing of these unforeseen events has occurred during the period where the facility has a significant portion of the active cell open to precipitation. NCES is taking additional steps to permit additional wastewater disposal outlets going forward. However, without this approval for additional hours of leachate hauling, the facility risks the potential of noncompliance.

Please let us know if you have any questions or require additional information.

Samuel C. Nicolai, PE

Vice President of Engineering & Compliance

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