



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES



Thomas S. Burack, Commissioner

VIA EMAIL ONLY

April 7, 2015

John Gay, Engineering Manager
North Country Environmental Services, Inc.
220 Avenue B
Williston, VT 05495
Email: john.gay@casella.com

SUBJECT: BETHLEHEM- North Country Environmental Services Lined Landfill, 581 Trudeau Rd.; Type IB and Type II Permit Modification Applications for Stage V Construction, Permit #DES-SW-SP-03-002, prepared by North Country Environmental Services, Inc.; Ref.: WMD Doc Log #s 15625 and 15644

Dear Mr. Gay:

The New Hampshire Department of Environmental Services, Waste Management Division (Department) has completed a review of the above-cited Types IB and II permit modification applications. In accordance with the requirements of the New Hampshire Solid Waste Rules (Rules), the following information must be provided to satisfy the provisions of Env-Sw 304.03 for a completeness determination, and Env-Sw 304.07 and Env-Sw 315 for a technical review.

Completeness

1. In Section III(4) of the Type II Permit Modification Application, the Facility Closure Plans are not checked, but they are checked in Section III(3). Please explain.
2. For the Type II Permit Modification Application, per Env-Sw 315.06(c)(4), a proposed schedule for implementing the modification is required. However, none was found. Please explain.
3. For the Type II Permit Modification, per Env-Sw 1103.05(a), the facility permit number is required on design plans and specifications. However, the facility permit number cannot be found. Please explain.
4. For the Type II Permit Modification, per Env-Sw 1103.05(e)(6), a standard datum shall be indicated on the plans. However, none can be found. Please explain.
5. For the Type II Permit Modification, per the Type IA Permit Modification approved 8/15/2015, Terms and Conditions 5(a), please submit an Odor Control Plan to be implemented during construction.

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Technical Review

6. The Stormwater Management Report, Appendix F shows developed flow is released to both offsite subbasins A1 and A2 from onsite; however, no junction flow information can be found for the pre-development and post-development flow at the property line. Please explain.
7. Detail 34 on Sheet 15 does not list this detail as appearing on Sheet 3 and it is not called out on Sheets 6 and 7. Please explain.
8. A callout on Sheet 4 states to temporarily connect a condensate trap drain to a Stage IV Phase I primary leachate cleanout. However, nothing indicates that the connecting line is an existing primary leachate line. Please explain. Please also reference where the relocated drain connection to the Stage V primary leachate pipe, referred to in the same callout, can be found on the plans.
9. On Sheet 5, Details B and C reference Sheet 7 when they are located on Sheet 5. Please explain. Also, please show a directional arrow on the plan view for both of these details.
10. Sheet 3 construction sequence notes reference a stormwater containment wall shown on Sheet 5, but Sheet 5 only has a diversion berm. Please explain.
11. The 14" LFG line on Sheet 7 is not shown connecting to an existing LFG line on the north side of Stage V. Please explain.
12. On Sheet 6, callouts for Details 31 and 32 do not show the placement of the hay bales relative to the silt fence. Please explain.
13. Detail 37 on Sheet 16 shows the bottom of a temporary gas collection tarp. Please explain how the bottom of the tarp is secured.
14. On Sheet 11, Detail 12, there is no reference to the size of the cleanouts. Please explain.
15. On Sheet 8, the outlet for Proposed Detention Pond 6 is 1 foot higher than the bottom of pond. Detail 2 on Sheet 8 shows vegetation growing in this area. Please describe the type of vegetation used to grow in a foot of water.
16. The outlet pipe from detention pond 5 is shown on Sheet 8 as a 30" pipe, but on Sheets 6 and 7 it is shown as a 36" pipe. Section III(1) describes it as a 30" pipe. Please verify.
17. On Sheet 9, a callout for Detail 35 at the plunge pool references Sheet 14. However, this detail is located on Sheet 15. Please revise.

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18. Please state if all the existing permitted groundwater wells are being protected. Please explain if all of these wells are shown on Sheet 4.
19. Section 02222, para. 1.03, states that exposed waste will be covered with 4-inches of common borrow at the end of each day. Please explain how this will be accomplished on a 60 foot deep excavation at a 1:1 slope until the temporary geomembrane is placed over the exposed waste. In addition, please explain what odor control measures will be employed during the waste excavation.
20. Include a statement in Section 02222 that all stormwater that contacts waste shall be managed as leachate.
21. In Section 02223, para. 3.02, the minimum % compaction is 93% instead of the required compaction of 95% and as specified on previous phases. Please explain.

Please address the above comments by submitting one copy of the required information. Be certain to note the revision date on each replacement page. Continued review of your application will commence upon receipt of this information.

Until the Department has completed its completeness and technical reviews, there may be additional comments. In the meantime, if you have any questions, please contact me.

Sincerely,



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