



**THE STATE OF NEW HAMPSHIRE**  
**DEPARTMENT OF TRANSPORTATION**



*Victoria F. Sheehan*  
*Commissioner*

**COPY**

*William Cass, P.E.*  
*Assistant Commissioner*

January 26, 2022

Granite State Landfill, LLC  
Attn: John Gay  
1855 Vermont Route 100  
Hyde Park, VT 05655

**RE: Request for More Information – Driveway Permit Application #14656  
Granite State Landfill Development at Douglas Drive  
NH-116, Bethlehem & Dalton**

Dear Applicant:

The Department has completed a review of the information you provided in response to our January 13, 2021 comment letter for the proposed landfill project located at Douglas Drive off NH-116 in Bethlehem and Dalton, NH.

The following comments have been generated as a result the Department's recent review:

1. Please address and respond to the attached comments in the document prepared by NHDOT Bureau of Traffic regarding the revised Traffic Impact Study prepared by TYLIN International dated July 2021.
2. Please address and respond to the attached comments in the document prepared by NHDOT Bureau of Highway Design regarding the revised layout of the driveway and the off-site mitigation analysis and components.
3. All access to the back lots to and from NH-116 should be consolidated through Douglas Drive to minimize conflicts between overlapping functional areas along the frontage. Please provide legal documentation (deed revisions, survey plans with right of ways or easements, etc) for legal closure of former "Hunter Farm Road" located approximately 1,000 feet south of Douglas Drive. DOT Driveway Permit 4683-P issued in 2009 and Permit 2940-P issued April 27, 1995 did not mention removal of the driveway, however any future permit will likely require removal of this driveway and legal access. See attached Tax Map with markups.
4. We have been made aware that the current landowner may be proposing to construct an industrial park, drag strip and/or a 500-site campground by Forest Lake. District has not received any information on if the additional traffic generated by these new developments would be included as part of this application for the landfill. We recommend that the landfill development team discuss these additional developments with the landowner and include them in the Traffic Study if they are to be constructed within the timeframe the landfill would be in operation.

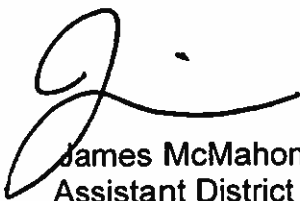
5. Please provide an update on the planning and construction schedule and any state or local approvals obtained from the Town of Dalton and the Town of Bethlehem. Include any overlap with other activities, such as any proposals for an industrial park, dragstrip or 500-site campground, with the landfill operations.
6. All stormwater treatment devices should be located on private property and outside the state highway right of way.
7. Consider installing stone within ditches and on any excavated steep slopes to prevent destabilization of soils/erosion and sediment transport which would affect the capacity of the downstream state drainage. Please provide stone sizing calculations when preparing the drainage analysis showing no impacts to state drainage.
8. Please extend or replace (in-kind) any state drainage impacted by the proposed widening along NH-116.
9. If there is any proposed signage along the frontage of the property, please locate the new sign outside the state highway right of way. If wayfinding signs are to be used along the truck route to direct truck drivers unfamiliar with the area, the proposed locations will need to be permitted through the NHDOT Bureau of Traffic.
10. Relative to the proposed truck haul route, the District's position is that the shortest route is the most likely route to be used by vehicles to and from the proposed landfill. The District has concerns that Casella's self-enforcement proposal to keep trucks on these routes will not be effective. Assuming the haul trucks are using the shortest route from I-93 through Littleton via Exit 41 (US-302 Cottage Street) & Exit 42 (US-302 Meadow Street) and to the intersection of US-302/NH-116 (Cottage Street/Union Street), please adjust the Traffic Study accordingly and redistribute traffic volumes according to the most likely routes to be utilized. In addition, please include any necessary adjustments to the proposed intersection of Douglas Drive and to the US-302/NH-116 (Cottage Street/Union Street) intersection. Mitigation for shortest route may include modifications to layout, signals, signage and striping at these intersections.
11. Please identify what the increase in heavy trucks will be above the existing truck volumes (baseline) along the truck route from Interstate I-93. This information will be used to estimate if there will be any significant 'wear and tear' and an increase in pavement resurfacing frequency along the truck route.
12. A AASHTO WB-67 is a standard vehicle size used for the design and layout of state highways and intersections, but the vehicles that use the facility come in various lengths, axle configurations, and hauling capacities. If the size and type of trash collection, dump, container (roll-off) and long haul vehicles is known by Casella, please provide the range of vehicle types which will be using the facility.
13. There is a history of vehicles hauling solid waste destined for the Casella landfill in Bethlehem parking on the state highway shoulders, in particular the on and off ramps of the interstate, while waiting for the landfill facility to open. This activity affects maintenance activities, impacts

safety, and causes damage to the highway shoulder. Please describe any measures Casella can offer or provide to ensure that haul vehicles destined for the new facility will not park along the highway for extended periods of time while waiting for the facility to open.

14. Please clarify if there will be any backhauling of sand and gravel or other materials on the return trips once the vehicles hauling solid waste have emptied their trucks.
15. There are commercial driver restrictions for the maximum hours allowed behind the wheel. If there are rest areas proposed along the truck route to the proposed landfill, please identify them. This will ensure that the drivers are rested and can safely operate their vehicles along the truck route.
16. Please describe any measures which will be taken to prevent odors and debris from blowing out of the vehicles hauling solid waste to and from the landfill facility. If cleaning measures (spray booth, wash plant, blowers, etc.) or vehicle inspections are proposed prior to vehicles exiting the facility, please provide a description of those efforts.

Once our office has received all the requested information, we will continue the review of the application and supporting information. If additional information or further modifications to the plan are needed as a result of our review, we will send supplementary notifications describing the required items. The application is classified as incomplete at this time. Thank you for your cooperation during the review process. If you have any questions, feel free to contact this office.

Sincerely,



James McMahon III, P.E.  
Assistant District Engineer  
NHDOT District One  
603-788-4641

Attachments: NHDOT Bureau of Traffic Communication dated 12/3/21  
NHDOT Bureau of Highway Design Communication dated 12/28/21  
Tax Map showing Hunter Farm Road & Douglas Drive on Lot 1

cc: Landowner, Douglas Ingerson  
TYLIN International, Thomas Errico, P.E. (email)  
Town of Bethlehem, Planning (email)  
File