



The State of New Hampshire  
**DEPARTMENT OF ENVIRONMENTAL SERVICES**



**Thomas S. Burack, Commissioner**

July 1, 2010

Sharon Gauthier, Executive Director  
Androscoggin Valley Regional Refuse Disposal District  
15 Mt. Forist Street  
P.O. Box 336  
Berlin, NH 03570-0336

**SUBJECT: SUCCESS- MOUNT CARBERRY SECURE LANDFILL, AVR RDD, BEAN  
BROOK ROAD**

**TYPE IA PERMIT MODIFICATION FOR SOLID WASTE LANDFILL FACILITY,  
PREPARED BY SEVEE AND MAHER ENGINEERS, INC. RECEIVED  
SEPTEMBER 4, 2009 AND APRIL 23, 2010, WMD Doc Log #s 200900133 and  
2010563**

Dear Ms. Gauthier:

The New Hampshire Department of Environmental Services, Waste Management Division (Department) has completed a review of the above-cited standard permit application. In accordance with the requirements of the New Hampshire Solid Waste Rules (Rules) [ref. Env-Sw 304.03], the Department has determined that the application is incomplete.

To complete the application, the following information must be provided to satisfy the provisions of Env-Sw 315 and support a technical review of the completed application:

### **Application**

40 CFR 258.14 requires that lateral expansions not be located in seismic impact zones, unless the owner or operator demonstrates that all containment structures, including liners, leachate collection systems, and surface water control systems, are designed to resist the maximum horizontal acceleration in lithified earth material for the site.

Since this application is for a lateral expansion, an updated seismic analysis is required.

### **Drainage Report**

The Stormwater Management Plan Post-Development Conditions plan was missing. Please include in the Application.

### **Hydrogeologic Evaluation**

The following comments are being submitted for expediency, but are not part of the completeness review:

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- 1) Because the seasonal high water table and depth to bedrock is less than the required 6 foot minimum, prior to any Department approval to construct, a condition will be set that requires measurements to verify that the required distances to groundwater and bedrock beneath the proposed grade of the secondary liner have been achieved. Full scale plans which overlay the bedrock contour plan over the base grade plan and the seasonal high groundwater contour plan over the base grade plan shall be provided.
- 2) Additional multi-level monitoring well locations shall be proposed adjacent to the Phase III North Expansion area and approved by the Department in addition to the 4 proposed in the Response document, in advance of installation. Depending upon final bedrock grades and proposed construction phasing, bedrock well couplets may be required. If approval to construct is granted, installation and a minimum of two full permit sampling rounds will need to be obtained from any and all wells in advance of any waste placement
- 3) It is requested that the two detention ponds on the north side of the proposed expansion be designed and constructed so as to minimize recharge to the groundwater flowing beneath the facility.

Please address the above comments by submitting three copies of the required information at your earliest convenience. Be certain to note the revision date on each replacement page. Continued review of your applications will commence upon receipt of this information.

Note that in accordance with the provisions of Env-Sw 304.05(d) of the Rules, an incomplete application that becomes a dormant application shall be deemed denied. As defined by Env-Sw 102.54 of the Rules, a dormant application is one that the applicant fails to complete within 12 months of the date the application is deemed to be incomplete by the Department.

If you have any questions, please contact me.

Sincerely,



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