



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES



Thomas S. Burack, Commissioner

April 7, 2011

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. , WMD Doc Log #s
200900133, 2010563 and 2010634**

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), the following information must be provided to satisfy the provisions of Env-Sw 315 for a technical review of the completed application:

- 1) Sheet C-102 indicates that the seasonal high water table and depth to bedrock is less than the required 6 foot minimum required by Env-Sw 804.02(d). Sheet C-102 must be submitted showing an approvable design. The application states that "fill can be brought in to raise the surface grade and establish six feet of separation above the wet season groundwater table prior to construction of the liner. Alternately or in combination with the fill, an underdrain system can be installed to maintain the required 6-foot separation between the wet season phreatic surface and the secondary landfill liner."

An approvable design shall consist of providing six feet of fill above the seasonal high groundwater table and the confirmed bedrock surface or installing an underdrain system and providing measurements to verify that the required separation distances have been achieved.

- 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. 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.

DES Web Site: www.des.nh.gov

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- 3) The two detention ponds on the north side of the proposed expansion shall be submitted as an approvable design to minimize recharge to the groundwater flowing beneath the facility.

Please address the above comments by submitting three copies 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 technical review, there may be additional comments. In the meantime, if you have any questions, please contact me.

Sincerely,



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cc: Guy Cote, P.E., Sevee and Maher Engineers, Inc.
City of Berlin, City Manager
Sue Collins, Coos County Administrator
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