



North Country Environmental Services, Inc.

June 13, 2002

Mr. Michael McCluskey  
Waste Management Division  
New Hampshire Department of Environmental Services  
6 Hazen Drive  
Concord, NH 03301-0509

3 Pitkin Court  
Montpelier, Vermont 05602

(802) 223-7221  
(802) 223-7128 Fax



**RE: North Country Environmental Services, Inc. Landfill  
Landfill Facility - Bethlehem, N.H  
Stage I, Phase II Secondary Detection System Flows  
Investigation Report and Response Action Plan (NHDES Env-Wm 2506.09)**

{Via facsimile; (603) 271-2456, 2 pages – originals to follow conventional mail}

Dear Mr. McCluskey:

This letter serves as notification that the Stage I, Phase II (SIPII) cell at the above referenced facility exceeded the 100 gallons per tributary acre per day (g/a/d) threshold as allowed by the above referenced New Hampshire Department of Environmental Services Rule.

The average flow in the secondary leachate collection system of SIPII during May was 119.35 g/a/d. Env-Wm 2506.09 (e) and (f) require that an investigation be performed to evaluate the potential cause(s) and appropriate response actions when flows exceed 100 g/a/d.

NCES will collect a sample from the secondary detection system and analyze the sample in accordance the New Hampshire Department of Environmental Services Rules Env-Wm 2506.08(d)(5). These results will be forwarded to your attention as soon as they are available.

#### **Recommended Response Action Plan**

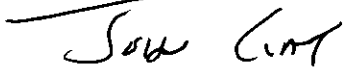
Pike Industries, Inc. (PI) is on site this week extending the damaged outlet pipe of the underdrain as well as extending the eastern section of underdrain pipe as detailed in our April 5, 2002 correspondence. Pursuant to phone conversations I have had this morning with PI, I understand that they were able to extend the underdrain pipe approximately 30' or within +/- 10' from the Stage I controls building. Sanborn, Head & Associates, Inc. have a representative on site inspecting the installation of the underdrain pipe work.

The groundwater observation well has been dry since we began monitoring it on March 28, 2002. A second observation well has been installed at the end of the eastern most underdrain pipe for a second groundwater level data point.

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We believe these measures may reduce infiltration along the toe of Stage I. NCES continues to contribute the elevated secondary flows to wicking of groundwater between the primary and secondary liners. Should you have any questions please do not hesitate to contact me at (802) 223-7221.

Sincerely,  
NORTH COUNTRY ENVIRONMENTAL SERVICES, INC.



John Gay, E.I.  
Permits, Compliance and Engineering

cc: Larry Lackey, North Country Environmental Services, Inc. (via e-mail)  
Ted Reeves, North Country Environmental Services, Inc. (via e-mail)  
Lenny Wing, North Country Environmental Services, Inc. (via e-mail)  
Don Monahan, North Country Environmental Services, Inc. (via e-mail)  
Al Sabino, North Country Environmental Services, Inc. (via e-mail)  
Robert Banfield North Country Environmental Services, Inc. (via e-mail)