



Sanborn, Head & Associates

Consulting Engineers & Scientists

July 7, 2004
File No. 2364

Wayne A. Wheeler, P.E.
Waste Management Division
New Hampshire. Dept. of Environmental Services
P.O. Box 95
Concord, NH 03302-0095



Re: Construction Status Report for Period Ending July 2, 2004
Grading Modifications Project
North Country Environmental Services, Inc. Landfill Facility
581 Trudeau Road
Bethlehem, New Hampshire
NHDES Permit #DES-SW-SP-00-003

Dear Wayne:

This letter has been prepared pursuant to Env-Wm 2804.07 to provide a biweekly Status Report of Construction Activities at the North Country Environmental Services, Inc. (NCES) facility in Bethlehem, New Hampshire for the period ending July 2, 2004. A summary of activities performed by Paragon Construction, Inc. (Paragon) for the period is provided below.

I. Description of Work Completed to Date

A. Earthwork

Paragon's earthwork efforts, up to and including July 2, 2004, included continued placement of compacted fill on the earthen berm and the MSE berm. The earthen berms on the northeast side of Stage II and the southeast corner of Stage III are approaching the proposed grades. The soil being used as fill for the berms this period was excavated from the on-site soil stockpile. Approximately 200 square feet of MSE berm (measured on the face) was installed this period.

Boulders were placed for slope armor on the outer slope along the access road on the southeast corner of Stage III.

B. Landfill Infrastructure

The geosynthetic installation has progressed from the east side of Stage III southward onto the south side of Stage III. As of Friday, July 2, 2004 initial installation of the geosynthetics has been completed except for the installation of six boot seals behind the Stage III sidereiser

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building. Once the boot seals are completed, we anticipate no further geosynthetic installation activity until the fill operation is complete and the liner system geosynthetics can be folded onto the new fill and secured in the anchor trench.

II. Construction Schedule

The Construction Schedule has not changed since the last status report.

III. Design Changes

No design changes were made during this construction period.

IV. Damage and Repair Information

A small void was noticed beneath the secondary liner directly beneath the Stage II Phase II secondary leachate collection system cleanout pipe when the liner installer cut through the existing secondary geomembrane. Subsequent to exposing the void, stormwater ran into the void and enlarged the opening beneath the liner. A portion of the waste above the void was then excavated, and an area of the existing liner system, measuring about 15 feet deep by 10 feet wide, was removed to observe the extent of the erosion. Based on the initial observations, the void beneath the secondary liner appears to extend about 30 feet beneath the landfill. Where exposed, the void is on average 3 to 4 feet wide by about 1 foot deep. The void apparently follows the trench in the subgrade created for the original installation of the secondary leachate collection pipe.

A work plan is being developed to repair the subgrade. The repair work is anticipated to be complete by during the week of July 12, 2004

If you have any questions, or require further information, please feel free to call.

Very truly yours,
SANBORN, HEAD & ASSOCIATES, INC.



David Cedarholm, P.E.
Project Manager

DC/JAC/RSS:fr

cc: Eugene J. Martin, NCES
James A. Chabot, P.E., SHA