

M/A Mc

North Country Environmental Services, Inc.



3 Pitkin Court
Montpelier, Vermont 05602

May 24, 2001

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

Mr. John Cotton, Groundwater Management Permit Coordinator
NH Dept. of Environmental Services
Waste Management Division
PO Box 95, 6 Hazen Drive
Concord, NH 03302-0095



**Re: April 2001 Groundwater Quality Monitoring Results
Groundwater Management Permit (GMP) No. GWP-198704033-B-003
North Country Environmental Services, Inc.
Bethlehem, New Hampshire**

Dear Mr. Cotton:

Enclosed please find the analytical results for the April 2001 monitoring round at the North Country Environmental Services, Inc. (NCES) landfill in Bethlehem, New Hampshire. Sampling was conducted at NCES by Sanborn, Head & Associates, Inc. (SHA) on April 2 - 4, 2001. SHA's Groundwater Quality Field Sampling Summary forms, together with the analytical laboratory report from Endyne, Inc., which SHA received on May 22, 2001, are enclosed.

No exceedances of Ambient Groundwater Quality Standards (AGQs) for volatile organic compounds (VOCs) were observed during the April 2001 sampling round. Release detection monitoring wells B-402U, B-403L, MW-802, MW-803, MW-804, MW-806 and MW-914L had low concentrations of one or more individual VOCs; these concentrations were below AGQs, and their occurrence and distribution was similar to that observed in prior sampling rounds.

Among inorganic constituents, observed concentrations of dissolved manganese in release detection wells MW-801, MW-802, MW-803, MW-804, MW-805, MW-806, and MW-914U exceeded the recently-adopted manganese standard of 840 micrograms per liter (µg/l). The dissolved manganese concentrations observed during the April 2001 monitoring round were consistent with concentrations observed previously at these monitoring wells.

ANALYTICAL RESULTS
IN HWQB FILES.
M/A 6.26.01

John Cotton
May 24, 2001
Page 2 of 2

Should you have any questions please do not hesitate to contact me at (802) 223-7221 or Paul Sanborn of Sanborn, Head & Associates, Inc. at (603) 229-1900.

Sincerely,
NORTH COUNTRY ENVIRONMENTAL SERVICES, INC.



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

Enclosure

- C: Larry Lackey, North Country Environmental Services, Inc. (via e-mail w/o enclosure)
Ted Reeves, North Country Environmental Services, Inc. (via e-mail w/o enclosure)
Lenny Wing, North Country Environmental Services, Inc. (via e-mail w/o enclosure)
Don Monahan, North Country Environmental Services, Inc. (via e-mail w/o enclosure)
Al Sabino, North Country Environmental Services, Inc. (via e-mail w/o enclosure)
Robert Banfield North Country Environmental Services, Inc. (via e-mail w/o enclosure)
Mike McCluskey PE, New Hampshire Department of Environmental Services
Paul Sanborn, Sanborn, Head & Associates, Inc. (via e-mail w/o enclosure)



Sanborn, Head & Associates

Consulting Engineers & Scientists

May 23, 2001
File No. 1003.1

Mr. Joe B. Gay
Casella Waste Systems, Inc.
3 Pitkin Court
Montpelier, VT 05602

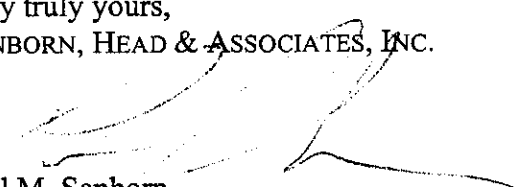
Re: North Country Environmental Services (NCES) Landfill
April 2001 Groundwater Quality Monitoring Round Results
Bethlehem, New Hampshire

Dear Joe:

The final laboratory data package for the above-referenced water quality monitoring round at NCES is attached for your submittal to the New Hampshire Department of Environmental Services (NHDES). As you are aware, Sanborn, Head & Associates, Inc. (SHA) received these data on May 22, 2001. I have also included SHA's field sampling summary sheets to be included with the submittal to NHDES, as well as a draft cover letter to John Cotton for your use. Please note that this cover letter reflects the data which indicate no exceedances of Ambient Groundwater Quality Standards (AGQS) for volatile organic compounds (VOCs), but notes the presence of VOCs at low concentrations at a number of release detection wells, consistent with comments made by John Cotton in a January 4, 2001 letter to NCES. Further, the exceedance of the AGQS for manganese is noted at a number of release detection wells, stating that the concentrations observed in April 2001 are consistent with those observed at these locations prior to the recent adoption of the new manganese standard.

Please call me should you have any questions.

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


Paul M. Sanborn
Principal

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*Paul M. Sanborn • Charles L. Head • R. Scott Shillaber
Charles A. Crocetti • Mathew A. DiPilato • Daniel B. Carr • Duncan W. Wood*

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