



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES



Thomas S. Burack, Commissioner

October 4, 2010

Henry Woolner, Chairman
Bridgewater-Hebron Solid Waste District
297 Mayhew Turnpike
Bristol, NH 03222

SUBJECT: BRIDGEWATER – Bridgewater - Hebron Landfill/Incinerator (Dick Brown Road),
DES #199101059, Project RSN #2691

Scope of Work for Initial Site Characterization to identify the nature and extent of soil and groundwater contamination at outfall of the facility floor drains, prepared by CMA Engineers, Inc., dated July 27, 2010

Dear Mr. Woolner:

The Department of Environmental Services (Department) is in receipt of the Work Scope (SOW) for Initial Site Characterization (ISC) prepared by your environmental consultant, CMA Engineers (CMA) received July 30, 2010.

This ISC was requested as Item #3 of the June 22, 2010 Letter of Deficiency No. WMD-10-016 issued by the Department. The SOW is accepted with the following additions and clarifications:

Task 1- The Department concurs with testing each sample for TCLP (Toxicity Characteristic Leaching Procedure) for metals and total metals within the approximately 1.5 cubic yards of ash at the outfall of the incinerator building floor drains and underlying soil. For the purposes of this investigation, the metals to be tested are those which tested positive in the NHDES sample: arsenic, barium, cadmium, chromium, lead, manganese, mercury, nickel, silver and zinc.

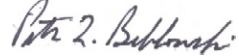
Task 2- Following an evaluation of the ash & soil analytical results, a recommendation based upon these data shall be made in the report regarding the possible impact of the ash on site groundwater. The report shall be submitted on or before December 31, 2010.

Additionally, the Department is still awaiting receipt of the Site Investigation Report/ Hydrogeologic Evaluation Report in compliance with Env-Or 606.03 Site Investigation Report and a completed Groundwater Management Permit Application requested in Department correspondence dated October 7, 2003 and January 27, 2009 (attached).

Henry Woolner
DES Site #199101059
October 4, 2010
Page 2 of 2

Should you have any questions regarding this letter or require additional information, please contact me directly by telephone or email.

Sincerely,



Peter L. Beblowski, C.P.G.
Hazardous Waste Remediation Bureau
Groundwater Remediation & Permitting
Tel: (603) 271-2999
Fax: (603) 271-2181
Email: peter.bebowski@des.nh.gov

Attachments: October 7, 2003 Department letter
January 27, 2009 Department letter

ec: Michael Guilfoyle, PE, SWMB Administrator
Karlee Kenison, PG, HWRB-GR&P, Supervisor
Doug Kemp, SWMB
Bob Grillo, PE, CMA Engineers, Inc.
Curtis Mooney, Hebron Selectman



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
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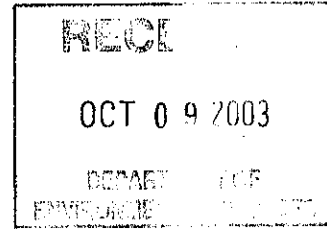
DES# 199104059



October 7, 2003

Mr. Terence Murphy
Bridgewater Board of Selectmen
297 Mayhew Turnpike
Bridgewater, NH 03222

Hebron Board of Selectmen
P.O. Box 188, School Street
Hebron, NH 03214



Subject: Bridgewater Landfill – Revised Hydrogeologic Work Plan

Dear Mr. Murphy and Members of the Board:

The Department of Environmental Services (Department) has reviewed the subject document submitted by CMA, Engineers, Inc. on behalf of the Towns of Bridgewater and Hebron (District). Based on the review, the Department offers the following:

1. The Department approves the collection of surface water samples and recommends sampling all surface water sampling points, designated as SW-1, SW-2, and SW-3.
2. The Department does not recommend sampling the incinerator bedrock water supply well for the purpose of evaluating the impact on groundwater due to the presence of the two landfilled areas.
3. Once the above data has been collected, the hydrogeologic evaluation should be completed and a report submitted for review by the Department. Based on a review of the report, the Department will make a determination as to whether additional attempts are necessary to intercept overburden groundwater down gradient of the bulky waste/demolition debris landfill.

If you have any questions please contact me at the Solid Waste Management Bureau at 271-2925.

Sincerely,

Douglas Kemp
Waste Management Specialist III
Solid Waste Management Bureau

DWK/dwk/f:/pro03/bridlfhydro2
cc: ~~Richard~~ Richard Reed, SWMB
David Rousseau, SWMB
Rebecca Lawrence, HWRB
Robert Grillo, P.E., CMA, Eng. Inc.
Town File/DB



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

Thomas S. Burack, Commissioner



January 27, 2009

Terrance Murphy, Chairman
Board of Selectmen
Town of Bridgewater
297 Mayhew Turnpike
Bristol, New Hampshire 03222

SUBJECT: BRIDGEWATER – Bridgewater Landfill/Incinerator (Dick Brown Road),
DES # 199101059, Project # 2691, Activity #144197

Delinquent Submission of Hydrogeologic Investigation and Groundwater
Management Permit Application.

Dear Mr. Murphy,

The records of the New Hampshire Department of Environmental Services (Department) indicate that you are not in compliance NH Code of Administrative Rules Env-Or 600, *Contaminated Site Management*. Specifically, Section Env-Or 607.01(a) states

“A responsible party shall apply for and obtain a groundwater management permit for any site where: (2) An unlined solid waste landfill regulated pursuant to RSA 149-M is located”.

On October 7, 2003 the Department responded to an August 13, 2003 Work Plan for Hydrogeologic Evaluation prepared and submitted by CMA Engineers, Inc., on behalf of the H-B Refuse District (see copy attached). In that response, the Department requested the collection of surface water samples and completion of the hydrogeologic evaluation. A recent review of our files for this site does not show receipt of the requested sampling and hydrogeologic evaluation report.

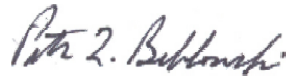
You are now requested to prepare and submit a Site Investigation Report/Hydrogeologic Evaluation Report in compliance with Env-Or 606.03 *Site Investigation Report* and a completed Groundwater Management Permit Application on or before April 30, 2009. A copy of NH Code of Administrative Rules Env-Or 600, may be found at <http://des.nh.gov/organization/commissioner/legal/rules/documents/env-or600.pdf>

Additionally, a copy of a Groundwater Management Application may be found at <http://des.nh.gov/organization/commissioner/pip/forms/landfills/documents/gmp.pdf>

Terrance Murphy
DES Site # 199101059
January 27, 2009
Page 2 of 2

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Sincerely,



Peter L. Beblowski, C. P.G.
Hazardous Waste Remediation Bureau
Groundwater Remediation & Permitting
Tel: (603) 271-2999
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Email: Peter.Beblowski@des.nh.gov

Enclosure: October 7, 2003 Department Letter

cc: Michael Guilfoy, PE., SWMB Administrator
Karlee Kenison, PG, HWRB-GR&P, Supervisor
Doug Kemp, SWMB