



State of Ohio Environmental Protection Agency

STREET ADDRESS:

Lazarus Government Center
50 W. Town St., Suite 700
Columbus, Ohio 43215

TELE: (614) 644-3020 FAX: (614) 644-3184
www.epa.state.oh.us

MAILING ADDRESS:

P.O. Box 1049
Columbus, OH 43216-1049

July 9, 2009

Mike Heher, Division Manager
Carbon Limestone Landfill LLC
8100 South Stateline Road
Lowellville, OH 44436

**Re: Carbon Limestone Landfill LLC, Mahoning County
Ohio Administrative Code (OAC) Rule 3745-27-10(D)(7)(c)(ii) Approval**

Dear Mr. Heher:

On May 4, 2009, the Ohio Environmental Protection Agency (Ohio EPA), Division of Solid and Infectious Waste Management (DSIWM), Northeast District Office (NEDO) received a document titled "OAC Rule 3745-27-10(D)(7)(c)(ii) Alternate Source Demonstration Report for Chloride at Well MW-114A; Ammonia and Chloride at Well MW-217A; Barium at Well P-26A; and Barium at Well MW-205B," dated May 1, 2009, for the Caron Limestone Landfill (Facility) located in Mahoning County. This document was submitted by Eagon & Associates, Inc., on behalf of Carbon Limestone Landfill, LLC, and contains the ground water sampling results and the statistical analysis from the December 11 and 12, 2008 ground water sampling events at the Facility.

According to the document, analysis of the ground water detection monitoring data indicated that the following statistically significant changes were detected: chloride at monitoring well MW-114A; ammonia and chloride at monitoring well MW-217A; barium at monitoring well P-26A; and barium at monitoring well MW-205B.

Pursuant to OAC Rule 3745-27-10(D)(7)(c)(ii), the owner or operator may demonstrate that a source other than the sanitary landfill facility caused the contamination, or that the statistically significant change resulted from error in sampling, analysis, or statistical evaluation or natural variation in ground water quality. A report documenting this demonstration must be submitted to and approved by Ohio EPA. If the owner or operator does not obtain approval to continue detection monitoring within two hundred ten (210) days from initial sampling, the owner or operator is required to comply with the provisions of OAC Rule 3745-27-10(E) for ground water quality assessment monitoring.

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Ohio EPA is an Equal Opportunity Employer

Mr. Mike Heher
Carbon Limestone Landfill LLC
Page 2 of 3

The May 1, 2009 document concluded that the statistically significant changes for chloride at monitoring well MW-114A; ammonia and chloride at monitoring well MW-217A; barium at monitoring well P-26A; and barium at monitoring well MW-205B were due to natural variation in ground water quality and not as a result of impact from the landfill. Monitoring wells MW-114A and MW-217A were initially sampled on December 11, 2008, and MW-205B and P-26A were initially sampled on December 12, 2008.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the May 1, 2009 document. Therefore, pursuant to OAC Rule 3745-27-10(D)(7)(c)(ii), the owner or operator is hereby authorized to continue the detection monitoring program at the Facility for monitoring wells MW-114A, MW-217A, MW-205B, and P-26A.

Should future or existing ground water sampling results indicate statistically significant changes in ground water monitoring parameters, the owner or operator will be required to either enter into assessment monitoring in accordance with OAC Rule 3745-27-10(E) or obtain approval to remain in the detection monitoring program.

You are hereby notified that this action of the Director of Ohio EPA (Director) is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street
Room 222
Columbus, Ohio 43215

Mr. Mike Heher
Carbon Limestone Landfill LLC
Page 3 of 3

If you have any questions concerning this letter, please contact Katharina Snyder of Ohio EPA, (NEDO) at (330) 963-1257.

Sincerely,

William Skowronski, Chief
Northeast District Office
for Chris Korleski, Director

cc: Lynn Sowers, DSIWM-NEDO
Scott Hester, DSIWM-CO
Mary Helen Smith, Mahoning County Health Department