



**Environmental
Protection Agency**

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

OHIO E.P.A.

DEC 14 2011

ENTERED DIRECTOR'S JOURNAL

I certify this to be a true and accurate copy of the
official documents as filed in the records of the Ohio
Environmental Protection Agency.

December 14, 2011

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

By: Donna Lassiter Date: 12-14-11

**RE: CARBON LIMESTONE LANDFILL, MAHONING COUNTY
OHIO ADMINISTRATIVE CODE (OAC) RULE 3745-27-10(D)(7)(c)(ii) APPROVAL**

Dear Mr. Heher:

On October 11, 2011, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Northeast District Office (NEDO) received a document titled "OAC Rule 3745-27-10(D)(7)(c)(ii) Alternate Source Demonstration Report," dated October 7, 2011, for the Carbon Limestone Landfill (Facility) located in Mahoning County. This document was submitted by Eagon and Associates, Inc. on behalf of Carbon Limestone Landfill, and contains the ground water sampling results and the statistical analysis from the June 13, 2011 ground water sampling event at the Facility.

According to the document, analysis of the ground water detection monitoring data indicated that the following statistically significant changes were detected: potassium in monitoring well MW-104A; chloride in monitoring well MW-114A; ammonia and chloride in monitoring well MW-115A; ammonia in monitoring well MW-217A; chloride in monitoring well P-26A; barium in monitoring well MW-205B; sodium in monitoring well MW-208B.

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.

The October 7, 2011 document concluded that the statistically significant changes for potassium in monitoring well MW-104A; chloride in monitoring well MW-114A; ammonia and chloride in monitoring well MW-115A; ammonia in monitoring well MW-217A; chloride in monitoring well P-26A; barium in monitoring well MW-205B; sodium in monitoring well MW-208B were due to natural variation in ground water quality, and not as a result of impact from the landfill. Monitoring wells P-26A and MW-114A were initially sampled on June 13, 2011; monitoring well MW-205B was initially sampled on June 14, 2011; monitoring wells MW-104A, MW-115A, and MW-208B were initially sampled on June 15, 2011; monitoring well MW-217A was initially sampled on June 20, 2011.

Mike Heher
Carbon Limestone Landfill LLC
Page 2

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the October 7, 2011 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-104A, MW-114A, MW-115A, MW-217A, P-26A, MW-205B, and MW-208B.

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 Environmental Protection (Director) is final and may be appealed to the Environmental Review Appeals Commission pursuant to Ohio Revised Code Section 3745.04. 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 made payable to "Treasurer, State of Ohio." The Commission, in its discretion, may reduce the fee if by affidavit it is demonstrated 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
77 South High Street, 17th Floor
Columbus, Ohio 43215

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

Sincerely,



Kurt M. Princic
Chief, Northeast District Office
For Scott J. Nally
Director, Ohio EPA

KMP/SJN/JB/cl

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