



DEC 10 2014

John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Craig W. Butler, Director

ENTERED DIRECTOR'S JOURNAL

**Re: Carbon Limestone Landfill  
Authorization  
Approval  
Municipal Solid Waste Landfills  
Mahoning County  
MSWL018781**

DEC 10 2014

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

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

Dear Mr. Heher:

On October 14, 2014, 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 for Chloride in Well MW-112AR; Chloride in MW-115A; Barium in Well MW-205B; Sodium in Well MW-208B; Ammonia in Well MW-217A; Ammonia and Sodium in Well MW-240A; and Chloride and Sodium in P-26A, Request for Director's Approval," dated October 13, 2014, for the Carbon Limestone Landfill (Facility) located in Mahoning County. This document was submitted by Eagon & Associates, Inc. on behalf of Carbon Limestone Landfill, and contains the ground water sampling results and the statistical analysis from the May 2014 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: chloride in monitoring well MW-112AR; chloride in monitoring well MW-115A; barium in monitoring well MW-205B; sodium in monitoring well MW-208B; ammonia in monitoring well MW-217A; ammonia and sodium in monitoring well MW-240A; and chloride and sodium in monitoring well P-26A.

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 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 13, 2014, document concluded that the statistically significant changes for chloride in monitoring well MW-112AR; chloride in monitoring well MW-115A; barium in monitoring well MW-205B; sodium in monitoring well MW-208B; ammonia in monitoring well MW-217A; ammonia and sodium in monitoring well MW-240A; and chloride and sodium in monitoring well P-26A were due to natural variation in ground water quality, and not as a result of impact from the landfill. Monitoring wells were initially sampled on May 13, 2014.

MIKE HEHER  
CARBON LIMESTONE LANDFILL  
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Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the October 13, 2014, 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-112AR, MW-115A, MW-205B, MW-208B, MW-217A, MW-240A, 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 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 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 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 Princic, Chief  
Northeast District Office  
for Craig W. Butler, Director

KP:KS:cla

cc: Lynn Sowers, Ohio EPA, NEDO, DMWM  
Scott Hester, Ohio EPA, Central Office, DMWM  
Mary Helen Smith, Mahoning County Health Department