



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

OHIO E.P.A.

JUN 23 2014

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.

By: Dmytro Veselko Date: 6-23-14

JUN 23 2014

Re: Carbon Limestone Landfill
 Director's Authorization
 Approval
 Municipal Solid Waste Landfills
 Mahoning County
 MSWL018781

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

Dear Mr. Heher:

On March 11, 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-115A; Barium at Well MW-205B; Ammonia and Chloride in Well MW-217A; Ammonia and Sodium in Well MW-240A; and Barium and Chloride in P-26A, Request for Director's Approval," dated March 10, 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 November 19, 2013 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-115A; barium in monitoring well MW-205B; ammonia and chloride in monitoring well MW-217A; ammonia and sodium in monitoring well MW-240A; and barium and chloride 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 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 March 10, 2014 document concluded that the statistically significant changes for chloride in monitoring well MW-115A; barium in monitoring well MW-205B; ammonia and chloride in monitoring well MW-217A; ammonia and sodium in monitoring well MW-240A; and barium and chloride 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 November 19, 2013.

Mike Heher
Carbon Limestone Landfill LLC
Page 2

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the March 10, 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-115A, MW-205B, 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 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. Prinic
Chief, Northeast District Office
for Craig W. Butler
Director, Ohio EPA

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