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Mary Taylor, Lt. Governor
Craig W. Butler, Director

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2017 JAN -6 AM 10:24

LEGAL OFFICE

JANUARY 6, 2017

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

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

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

Dear Mr. Heher:

On November 21, 2016, 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 Arsenic in Well MW110A; Chloride in Well MW-114A; Ammonia and Chloride in Well MW-115A; Ammonia and Cobalt in Well MW-204A; Barium in Well MW-205B; Sodium in Well MW-208B; Ammonia and Chloride in Well MW-217A; Ammonia, Chloride, and Sodium in Well MW-240A; and Chloride and Sodium in Well P-26A Request for Directors Approval Carbon Limestone Landfill, LLC Mahoning County, Ohio*" dated November 18, 2016, for Carbon Limestone Landfill, LLC. (Facility) located in Mahoning County. This document was submitted by Eagon and Associates, Inc. and contains the ground water sampling results and the statistical analysis from the 2016 first semiannual groundwater 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: arsenic in well MW-110A; chloride in well MW-114A; ammonia and chloride in well MW-115A; ammonia and cobalt in well MW-204A; barium in well MW-205B; sodium in well MW-208B; ammonia and chloride in well MW-217A; ammonia, chloride and sodium in well MW240A; and chloride and sodium in 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 not later than 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.

Ohio EPA has reviewed the applicable information and has determined that the owner/operator has adequately demonstrated that the verified statistically significant difference for arsenic in well MW-110A; chloride in well MW-114A; ammonia and chloride in well MW-115A; ammonia and cobalt in well MW-204A; barium in well MW-205B; sodium in well MW-208B; ammonia and

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chloride in well MW-217A; ammonia, chloride and sodium in well MW240A; and chloride and sodium in well P-26A were due to natural variation.

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-110A, MW-114A, MW-115A, MW-204A, MW-217A, MW-P-26A, MW-240A, 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 St., 17th Floor
Columbus, Ohio 43215

If you have any questions concerning this action, please contact Clarissa Gereby, DMWM, NEDO at (330) 963-1224.

Sincerely,



Kurt M. Princic, Chief
Northeast District Office
for Craig W. Butler, Director

KMP:CG:cla

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