



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.

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director
DEC 18 2013
DIRECTOR'S JOURNAL

By: [Signature] Date: 12-18-13

Re: Lorain II Landfill
Director's Authorization
Final approval
Municipal Solid Waste Landfill
Lorain County
MSWL018801

CERTIFIED

December 18, 2013

Mr. Chris Jaquet
BFI-Lorain County II Landfill
43502 Oberlin-Elyria Rd.
Oberlin, Ohio 44074

Dear Mr. Jaquet:

On October 21, 2013, 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)(a)[sic](ii) Alternate Source Demonstration for Barium and Vanadium in Well MW-1 and Sodium and Chloride in Well MW-211S, Lorain County II Landfill, Lorain County, Ohio," dated October 18, 2013, for the BFI-Lorain II Landfill (Facility) located in Lorain County. This document was submitted by Eagon & Associates, Inc. on behalf of the Facility.

The Lorain County II Landfill ground water monitoring programs are regulated by the Solid and Infectious Waste Regulations (OAC 3745-27-10), effective August 15, 2003.

According to the document, analysis of the ground water detection monitoring data indicated that the following statistically significant changes were detected: barium and vanadium in well MW-1; and chloride and sodium in well MW-211S. The wells were originally sampled on May 22, 2013, with resamples collected for barium and vanadium on July 10, 2013.

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 18, 2013 document concluded that the statistically significant differences for barium and vanadium in ground water samples from well MW-1 were due to a source other than the landfill; namely, the well has integrity issues and appears to have reached the limit of its age/life expectancy for a monitoring well. The statistically significant differences for sodium and chloride in ground water samples from well MW-211S were due to a source other than the landfill; namely, the application of road salt on the adjacent roadway.

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Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the October 18, 2013 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-1 and MW-211S.

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 letter, please contact Clarissa Gereby of Ohio EPA, NEDO at (330) 963-1224.

Sincerely,



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

KMP/SJN/CG/cl

cc: Chris Jaquet, Republic Services, Inc.
Joe Montello, Republic Services, Inc.
Scott Hester, DMWM-CO
Mark Kroenke, DDAGW, NEDO
John Sabo, Lorain County Health Department