



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

ENTERED DIRECTOR'S JOURNAL

JAN 29 2015

Mr. Edward Walker
Wastewater Treatment Division Supervisor
City of Xenia Public Service Department
966 Towler Road
Xenia, OH 45385

RE: Xenia Municipal Landfill
Director's Authorization
Approval
Municipal Solid Waste Landfill
Greene County
MSWL019868

**Subject: Xenia Municipal Landfill, Greene County
Ohio Administrative Code (OAC) Rule 3745-27-10(D)(7)(c)(ii) Approval**

Dear Mr. Walker:

On December 11, 2014, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Southwest District Office (SWDO) received a document titled "Demonstration Letter of an Alternate 3745-27-10(D)(7)(c)(ii) for Barium Detected in the Groundwater Samples Collected from Monitoring Well MW-33 During the Fall 2014 Detection Groundwater Monitoring at the Closed Xenia Municipal Landfill, 966 Towler Road, Xenia, Ohio," dated December 10, 2014, for the closed Xenia Municipal Landfill located in Greene County. This document was submitted by AMEC, on behalf of the city of Xenia and contains the ground water sampling results and the statistical analysis from the October 6, 7, 8 & 9, 2014 ground water sampling events.

As demonstrated in the document, analysis of the ground water detection monitoring data indicates the following statistically significant change was detected: Barium in monitoring well MW-33.

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.

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The conclusion that the statistically significant changes for Barium at monitoring well MW-33 was due to natural variation in ground water quality, and not as a result of impact from the landfill, is supported by the December 10, 2014 document.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the December 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 Xenia Municipal Landfill for monitoring well MW-33.

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 Pat Willoughby, Division of Materials and Waste Management, Southwest District Office at (937) 285-6648.

Sincerely,



Bonnie Buthker, Chief
Southwest District Office
for Craig W. Butler, Director

cc: Tracy Buchanan, DMWM, SWDO
Debbie Leopold, Greene County Combined Health District