



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

OHIO E.P.A.

OCT 27 2016

ENTERED DIRECTOR'S JOURNAL

OCTOBER 27, 2016

Mr. Edward Walker
Supervisor
Wastewater Treatment Division
966 Towler Road
Xenia, Ohio 45385

**Re: Xenia Municipal Landfill
Director's Authorization
Approval
Municipal Solid Waste Landfills
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 September 23, 2016, 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 Alternative Source 3745-27-10(D)(7)(c)(ii) for Potassium Detected in the Groundwater Samples Collected from Monitoring Well 25 (MW-25) during the Spring 2016 Detection Groundwater Monitoring", dated September 16, 2016, for the Xenia Municipal Landfill (Facility) located in Greene County. This document was prepared by Amec Foster Wheeler Environment and Infrastructure, Inc. and submitted by the city of Xenia, and contains ground water sampling results and statistically analysis from the April 15, 2016 ground water sampling event and September 9, 2016 re-sampling at the Facility.

The analysis of the ground water detection monitoring data included in the document indicates that the following statistically significant change was detected: potassium in monitoring well MW-25.

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 the Ohio EPA. If the owner or operator does not obtain approval to continue detection monitoring not later than two hundred ten (210) days from the 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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As demonstrated in the September 16, 2016 document, the statistically significant change for potassium in monitoring well MW-25 was due to natural variation in ground water quality, and not as a result of impact from the landfill. Monitoring well MW-25 was initially sampled on April 15, 2016.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the September 16, 2016 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 well MW-25.

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 action, please contact Dylan Dyer, DMWM, SWDO at (937) 285-6048.

Sincerely,



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

cc: Edward Walker, City of Xenia
Mark Isaacson, Greene County Public Health