



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

OHIO E.P.A.

AUG -2 2016

ENTERED DIRECTOR'S JOURNAL

AUGUST 2, 2016

Knox County Commissioners
117 East High Street, Suite 161
Mount Vernon, Ohio 43050

**Re: Knox County Landfill
Director's Authorization
Approval
Municipal Solid Waste Landfills
Knox
MSWL020036**

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

Dear Commissioners:

On June 27, 2016, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Central District Office (CDO) received a document titled "Results of Spring 2016 Sampling and Analysis of Groundwater and Surface-Water Quality at the Knox County Solid Waste Disposal Facility," dated June 2016, for the Knox County Landfill (Facility) located in Knox County. This document was submitted by Bennett & Williams Environmental Consultants, Inc., on behalf of the Knox County Commissioners, and contains the ground water sampling results and the statistical analysis from the April 25, 2016 through April 28, 2016 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 wells CW-6 and CW-16.

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.

The June 2016 document concluded that the statistically significant changes for chloride at monitoring wells CW-6 and CW-16 were due to road salt contamination, and not as a result of impact from the landfill. Monitoring well CW-16 was sampled on April 26, 2016 and well CW-6 was sampled on April 27, 2016.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the June 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 wells CW-6 and CW-16.

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 Phil Farnlacher, DMWM, CDO at (614) 728-3890.

Sincerely,



Isaac A. Robinson III, Chief
Central District Office
for Craig W. Butler, Director

c: Michael Robison, Bennett & Williams
Constance Livchak, DMWM, CDO
Nate Overholt, Knox County Health Department
Cal James, DDAGW, CDO