



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

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.

OHIO E.P.A.  
 SEP 29 2014

By: Jim Vassler Date: 9.29.14

APPROVED DIRECTOR'S JOURNAL

SEP 29 2014

Re: Knox County Solid Waste Disposal Facility  
 Director's Authorization  
 Approval  
 Municipal Solid Waste Landfills  
 Knox County  
 MSWLO20036

Knox County Commissioners  
 117 East High Street  
 Mount Vernon, OH 43050

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

Dear Commissioners:

On July 10, 2014, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Central District Office (CDO) received a document titled "Results of April/May 2014 Sampling and Analysis of Groundwater and Surface Water Quality at the Knox County Solid Waste Disposal Facility", dated July 7, 2014, for the Knox County Landfill (Facility) located in Knox County. This document was submitted by Bennett & Williams, on behalf of the Knox County Board of Commissioners, and contains the ground water sampling results and the statistical analysis from the April 28, 2014 to May 1, 2014, 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 CW6 and CW16.

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 July 7, 2014, document concluded that the statistically significant changes for chloride at monitoring wells CW6 and CW16 were due to natural variation in ground water quality, and not as a result of impact from the landfill. Monitoring wells CW6 and CW16 were initially sampled on April 30, 2014.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the July 7, 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 the Facility for monitoring wells CW6 and CW16.

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 is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. 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," which the Commission, in its discretion, may reduce if by affidavit you demonstrate 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, OH 43215

If you have any questions concerning this letter, please contact Allan Hurtt of Ohio EPA, DMWM/CDO at (614) 728-3889.

Sincerely,



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

c: Nate Overholt, Knox County Health Department  
Melissa Storch, DMWM-CDO  
Scott Hester, DMWM-CO  
Cal James, DDAGW-CDO  
Michael Robison, Bennett & Williams