



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

OHIO E.P.A.

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November 1, 2012

Mayor Randy Riley  
City of Wilmington  
69 North South Street  
Wilmington, Ohio 45177

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.

By: Dan Cassiter Date: 11-1-12

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

Dear Mayor Riley:

On September 5, 2012, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Southwest District Office (SWDO) received a document titled "Alternate Source Demonstration: for the Statistical Significance of Ammonia in Monitoring Well P-6S," dated September 4, 2012, for the Wilmington Sanitary Landfill (Facility) located in Clinton County. This document was submitted by Hull and Associates, Inc. on behalf of the city of Wilmington (City), and contains the ground water sampling results and the statistical analysis from the June ground water sampling event and the July 2012 ground water resampling event at the Facility.

According to the document, analysis of the ground water detection monitoring data indicated that the following statistically significant change was detected: ammonia in monitoring well P-6S. Data from a resampling event verified the statistically significant change for ammonia in monitoring well P-6S.

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 September 4, 2012 document concluded that the statistically significant change for ammonia at monitoring well P-6S was due to natural variation in ground water quality, and not as a result of impact from the landfill. Monitoring well P-6S was initially sampled on June 6, 2012.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the September 4, 2012 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 P-6S.

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 Maria Lammers of Ohio EPA, SWDO at 937-285-6046.

Sincerely,

A handwritten signature in black ink, appearing to read "Bonnie Buthker". The signature is stylized and includes the word "for" written in a smaller, less legible script.

Bonnie Buthker  
Chief, Southwest District Office  
for Scott J. Nally, Director

cc: Tracy Buchanan, DMWM-SWDO  
Matt Johannes, Clinton County Health Department