



**Environmental
Protection Agency**

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

OHIO E.P.A.

APR 19 2012

ENTERED DIRECTOR'S JOURNAL

April 19, 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: Donna Cassler Date: 4-19-12

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

Dear Mr. Riley:

On January 30, 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 Barium in P-8S," dated January 27, 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 November ground water sampling event and the December 2011 ground water re-sampling 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: barium in monitoring well P-8S. Data from a resampling event verified the statistically significant change for barium in monitoring well P-8S.

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 January 27, 2012 document concluded that the statistically significant change for barium at monitoring well P-8S was due to natural variation in ground water quality, and not as a result of impact from the landfill. Monitoring well P-8S was initially sampled on November 16, 2011.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the January 27, 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-8S.

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

Mayor Riley
City of Wilmington
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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 fluid and cursive, with a long horizontal stroke at the end.

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

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