



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

OHIO E.P.A.  
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Commissioner Christopher M. Day  
President  
Board of Preble County Commissioners  
Preble County Courthouse – 1<sup>st</sup> Floor  
101 East Main Street  
Eaton, Ohio 45320

RE: Preble County Sanitary Landfill  
Director's Authorization  
Approval  
Municipal Solid Waste Landfills  
Preble County  
MSWL018790

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

Dear Commissioner Day:

On September 10, 2015, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Southwest District Office, (SWDO) received a document titled "OAC Rule 3745-27-10(D)(7)(c)(ii) Demonstration that the Statistical Exceedance of Ammonia at Well R-4R for the Spring 2015 Semi-Annual Sampling Event is not a Result of Landfill Activities at Preble County Sanitary Landfill," dated September 8, 2015, for Preble County Sanitary Landfill (Facility) located in Preble County. This document was submitted by T&M Associates, on behalf of the Preble County Commissioners, and contains the ground water sampling results and the statistical analysis from the June 10, 2015 ground water sampling event 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: ammonia in monitoring well R-4R.

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.

As demonstrated in the September 8, 2015 document, the statistically significant change for ammonia at monitoring well R-4R was due to outlier data influence of the statistical evaluation, and not as a result of impact from the landfill. Monitoring well R-4R was initially sampled on June 10, 2015.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the September 8, 2015 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 R-4R.

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 Jill Olberding, DMWM, SWDO at (937) 285-6094.

Sincerely,

A handwritten signature in black ink that reads "For Bonnie Buthker". The signature is written in a cursive style.

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

BB/tb

ec: Michelle Ackenhausen, DMWM-SWDO  
Erik Balster, Preble County Health Department  
Dave Wilson, Preble County Landfill  
John McGinnis, DDAGW-SWDO