



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

JAN -6 2016

ENTERED DIRECTOR'S JOURNAL

JAN 06 2016

Mr. John Butler  
Rumpke Sanitary Landfill, Inc.  
10795 Hughes Road  
Cincinnati, Ohio 45251

Re: Bond Road Landfill  
Director's Authorization  
Approval  
Municipal Solid Waste Landfills  
Hamilton County  
MSWL018784

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

Dear Mr. Butler:

On October 30, 2015, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Southwest District Office, (SWDO) received a document titled "Ground-Water Quality Data and Statistical Analysis, 2015 Second Semiannual Sampling Event," dated October 27, 2015, for Bond Road Landfill (Facility) located in Hamilton County. This document was submitted by Eagon and Associates, Inc. on behalf of Rumpke Sanitary Landfill, Inc., and contains the ground water sampling results and the statistical analysis from the August 24 and 25, 2015 ground water sampling event at the Facility.

As demonstrated in the document, analysis of the ground water detection monitoring data indicated that the following statistically significant changes were detected: ammonia in monitoring wells M-8 and M-14 and chloride in monitoring well M-2SR3.

Verification sampling was performed on October 7 and 8, 2015. Analysis of the re-sampling data demonstrated that the statistically significant changes for ammonia in monitoring well M-14 and chloride in monitoring well M-2SR3 were false positives. Therefore, monitoring wells M-14 and M-2SR3 were automatically returned to the detection monitoring program pursuant to OAC rule 3745-27-10(D)(7)(c)(i). Ohio EPA acknowledges the return of these wells to the detection monitoring program. However, the re-sampling data verified the statistically significant change for ammonia in monitoring well M-8.

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.

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As demonstrated in the October 27, 2015, the statistically significant change for ammonia at monitoring well M-8 was due to natural variation in ground water quality, and not as a result of impact from the landfill.

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

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., 17<sup>th</sup> Floor  
Columbus, Ohio 43215

If you have any questions concerning this action, please contact Maria Lammers, DMWM, SWDO at (937) 285-6046.

Sincerely,



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

ec: Tracy Buchanan, DMWM, SWDO  
Chuck DeJonckheere, Hamilton County Public Health  
John McGinnis, DDAGW, SWDO