



OHIO E.P.A.

MAY -6 2015

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

ENTERED DIRECTOR'S JOURNAL

MAY 06 2015

Mr. Jerry Kinsella, P.G.  
Geologist  
Rumpke Waste, Inc.  
10795 Hughes Road  
Cincinnati, Ohio 45251

Re: Brown County Sanitary Landfill  
Director's Authorization  
Approval  
Municipal Solid Waste Landfill  
Brown County  
MSWL018788

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

Dear Mr. Kinsella:

On April 3, 2015, 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 Report for Ground Water Monitoring Well P-6S, P-8S, and P-10S," dated April 1, 2015 for Brown County Sanitary Landfill (Facility) located in Brown County. This document was submitted by Rumpke Waste, Inc., and contains the ground water sampling results and the statistical analysis from the November 5, 2014 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 changes were detected: chloride in monitoring well P-6S; sodium in monitoring well P-8S; and ammonia in monitoring well P-10S.

Verification sampling was performed on December 29, 2014 and February 25, 2015. The re-sampling data verified the statistically significant changes for chloride in monitoring well P-6S; sodium in monitoring well P-8S; and ammonia in monitoring well P-10S.

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 April 1, 2015 document, the statistically significant changes for chloride at monitoring well P-6S; sodium at monitoring well P-8S; and ammonia at monitoring well P-10S were due to natural variation in ground water quality, and not as a result of impact from the landfill. Monitoring wells P-6S, P-8S, and P-10S were initially sampled on November 5, 2014.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the April 1, 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 wells P-6S, P-8S, and P-10S.

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 Monte Bluebaum, DMWM-SWDO at (937) 285-6647.

Sincerely,



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

ec: Michelle Ackenhausen, DMWM-SWDO  
Steven Dick, Brown County Health Department