

**Environmental  
Protection Agency**

Bob Strickland, Governor  
Les Fisher, Lt. Governor  
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OHIO E.P.A.

JUN -9 2010

ENTERED DIRECTOR'S JOURNAL

JUN 9 2010

Mr. Jerry Kinsella, PG  
Site Geologist  
Rumpke Waste Collection & Disposal Systems  
10795 Hughes Rd.  
Cincinnati, Ohio 45251

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: Jerry Lassiter Date: 6-9-10

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

Dear Mr. Kinsella,

On April 23, 2010, the Ohio Environmental Protection Agency (Ohio EPA), Division of Solid and Infectious Waste Management (DSIWM), Southwest District Office (SWDO), received a document titled "Demonstration Report for Ground Water Monitoring Well P-10S" dated April 20, 2010, for the Rumpke Landfill (Facility) located in Brown County. This document was submitted by SCS Engineers, Inc., on behalf of Rumpke Collection & Disposal Systems, and contains the ground water sampling results and the statistical analysis from the November 17 & 18, 2009 ground water 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: an ammonia exceedence 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 landfill caused the contamination, or that the statistically significant increase over background resulted from error in sampling, analysis, 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 within 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 April 20, 2010 document concluded that the statistically significant change in monitoring well P-10S was due to a natural variation, and was not a result of impact from the landfill.

Mr. Jerry Kinsella  
Page 2

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the April 20, 2010 document for monitoring well P-10S. 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-10S.

Should future or existing ground water sampling results indicate statistically significant changes in the 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 detection monitoring program.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. 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 "Ohio Treasurer Kevin Boyce," which the Commission, in its discretion, may reduce if by affidavit you demonstrate 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  
309 South Fourth Street, Room 222  
Columbus, OH 43215

If you have any questions, concerning this letter, please contact Pat Willoughby of the Ohio EPA, SWDO at (937) 285-6648.

Sincerely,



Jeff Hines  
District Chief, Southwest District Office  
for Chris Korleski  
Director, Ohio Environmental Protection Agency

cc: Tracy Buchanan, DSIWM-SWDO  
Jay Cavender, Ohio EPA, SWDO, DDAGW