



State of Ohio Environmental Protection Agency

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Henry County Commissioners  
1853 Oakwood Avenue  
Napoleon, Ohio 43545

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

Dear Commissioners:

On March 31, 2006, the Ohio Environmental Protection Agency (Ohio EPA), Division of Solid and Infectious Waste Management (DSIWM), Northwest District Office (NWDO) received a document titled "OAC 3745-27-10(D)(7)(c) Alternate Source Demonstration for Ammonia at Monitoring Well MW-6; Henry County Landfill," dated March 29, 2006, for the Henry County Landfill (Facility) located in Henry County. This document was submitted by The Mannik & Smith Group, Inc., on behalf of the Henry County Commissioners, and contains an alternate source demonstration for ammonia at monitoring well MW-6 for the December 14, 2005 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: ammonia in monitoring well MW-6. Verification sampling was performed on January 30, 2006. The re-sampling data verified the statistically significant change for ammonia in monitoring well MW-6.

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 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 March 29, 2006 document concluded that the statistically significant change for ammonia in monitoring well MW-6 was likely due to a change in ground water flow dynamics in the area of monitoring well MW-6 because of the nearby installation of a corrective measure, and not as a result of impact from the landfill. Monitoring well MW-6 was initially sampled on December 14, 2005.

Ohio EPA has reviewed the applicable information and concurs with the demonstration

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Jennette Bradley, Lieutenant Governor  
Joseph P. Koncelik, Director

included in the March 29, 2006 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 MW-6.

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 Ohio EPA (Director) is final and may be appealed to the Environmental Review Appeals Commission (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. It must be filed with the Commission within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director within three (3) days after filing with the Commission. An appeal may be filed with the Commission at the following address:

Environmental Review Appeals Commission  
309 South Fourth Street  
Room 222  
Columbus, Ohio 43215

If you have any questions concerning this letter, please contact Kimberly Burnham of Ohio EPA, NWDO at (419) 373-3049.

Sincerely,

Shannon Nabors, District Chief  
Northwest District Office  
for Joseph P. Koncelik, Director

PC: Jon Lindsay, Henry County Health Department  
Scott Hester, DSIWM, CO  
Ken Brock, DDAGW, NWDO  
Jack Leow, DDAGW, NWDO  
Kimberly Burnham, DSIWM, NWDO  
Tom Covrett, The Mannick & Smith Group, Inc.