



State of Ohio Environmental Protection Agency

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Robin L. Jones  
Waste Management, Inc.  
Closed Sites  
P. O. Box # 13506  
Dayton, Ohio 45413

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

Dear Ms. Jones:

On September 29, 2008, the Ohio Environmental Protection Agency (Ohio EPA), Division of Solid and Infectious Waste Management (DSIWM), Southeast District Office (SEDO) received a document titled "Statistical Analysis of Detection Monitoring Results" dated September 24, 2008, for the Allied Landfill (Facility) located in Vinton County. This document was submitted by Eagon & Associates, Inc., on behalf of Waste Management of Ohio, and contains the ground water sampling results and the statistical analysis from the July 15, 2008, 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 changes were detected: chloride in monitoring well SP-1; sodium in monitoring well MW-5, respectively.

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 September 24, 2008, document concluded that the statistically significant changes for chloride at monitoring well SP-1 and sodium at monitoring well MW-5 were due to natural variation in ground water quality, and not as a result of impact from the landfill. Monitoring wells SP-1 and MW-5 were initially sampled on July 15, 2008.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the September 24, 2008, 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 SP-1 and MW-5.

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

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Lee Fisher, Lieutenant Governor  
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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 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, 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, Ohio 43215

If you have any questions concerning this letter, please contact Trevor Irwin of Ohio EPA, SEDO-DSIWM at (740)380-5443.

Sincerely,

Craig Butler, Chief  
Southeast District Office  
for Chris Korleski, Director

CB/jg

cc: Steve Rine, DSIWM-SEDO  
Scott Hester, DSIWM-CO  
Janelle McManis, Vinton County Health Department