



**Environmental  
Protection Agency**

John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

OHIO E.P.A.

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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.

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

By: Jonda Cassiter Date: 3-1-11

Attn.: Robin L. Jones

**RE: Allied Landfill, I. D. # 82-00-08, Vinton County  
Ohio Administrative Code (OAC) Rule 3745-27-10(E)(9)(a) Approval**

Dear Ms. Jones:

On January 18, 2010, the Southeast District Office (SEDO) of the Ohio Environmental Protection Agency (Ohio EPA) received a letter from Eagon & Associates, Inc., on behalf of Waste Management (WM), owner of the Allied Landfill. The letter requested that monitoring well MW-12 at the closed Allied Landfill be returned to detection monitoring status. Allied Landfill is currently in assessment monitoring for MW-12.

In 2009, in accordance with Ohio Administrative Code (OAC) Rule 3745-27-10(E)(1), WM entered MW-12 into assessment monitoring due to confirmed detections of 1,1-dichloroethane at levels slightly above the practical quantitation limit (PQL) for 1,1-dichloroethane.

On September 15, 2010, SEDO received a Ground-Water Quality Assessment Report (GWQAR) for the Allied Landfill, in accordance with OAC Rule 3745-27-10(E)(7). The report documented the investigative work performed to determine rate, extent, and concentration of waste-derived constituents in the ground water per OAC Rule 3745-27-10(E)(6). Assessment monitoring confirmed that the only parameter that exceeded background at MW-12 was 1,1-dichloroethane. Further, 1,1-dichloroethane was not detected in any other monitoring wells at Allied Landfill. Ohio EPA concurred with the report's conclusion that the most likely explanation for the detection of 1,1-dichloroethane at MW-12 was localized migration of landfill gas in the unsaturated mine spoil and bedrock east of the landfill.

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However, the results of the last three semiannual ground water monitoring events have shown 1,1-dichloroethane in MW-12 at concentrations below the PQL. As is consistent with their approved statistical analysis program for ground water monitoring, WM's statistical limit for 1,1-dichloroethane is its PQL. Accordingly, WM's request to return MW-12 to detection monitoring meets the standard set by OAC Rule 3745-27-10(E)(9)(a).

The letter requesting the return to detection monitoring of MW-12 was reviewed by the Division of Drinking and Ground Waters (DDAGW) and the Division of Solid and Infectious Waste Management (DSIWM). Upon review, the request adequately supports Allied Landfill's conclusion for the reinstatement of detection monitoring. Based on the data provided within the January 18, 2011, request, 1,1-dichloroethane in MW-12 has not been detected at or above the statistical limit for at least two consecutive monitoring events.

Pursuant to OAC Rule 3745-27-10(E)(9)(a), the owner/operator is hereby authorized to reinstate detection monitoring for the parameter and well specified above.

Should future ground water sampling results indicate statistically significant increases in ground water monitoring parameters at any of the detection monitoring wells, you must either enter into assessment monitoring in accordance with OAC 3745-27-10(E) or obtain an approval to continue 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  
309 South Fourth Street, Room 222  
Columbus, Ohio 43215

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If you have any questions or require further assistance, please contact Mr. Daniel Bergert of Ohio EPA's Southeast District Office at 740-380-5438.

Sincerely,



Craig Butler, Chief  
Southeast District Office  
for Scott J. Nally, Director

cc: Vinton County Health Department  
Scott Hester, DSIWM, CO  
SEDO-DSIWM  
SEDO-DDAGW

CB/SN/DB/jg