



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

OHIO E.P.A.

APR -9 2015

ENTERED DIRECTOR'S JOURNAL

APR 09 2015

Ms. Robin Jones
Waste Management, Inc.
Closed Site Management Group
1700 North Broad Street
Fairborn, Ohio 45324

Re: ELDA RDF
Director's Authorization
Approval
Municipal Solid Waste Landfill
Hamilton County
MSWL020025

**Subject: ELDA RDF, Hamilton County
Ohio Administrative Code (OAC) Rule 3745-27-10(D)(7)(c)(ii) Approval**

Dear Ms. Jones:

On March 12, 2015, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Southwest District Office (SWDO), received a document titled "2014 Second Semiannual Detection Ground-Water Results and Statistical Analyses," dated March 11, 2015, for ELDA RDF (Facility) located in Hamilton County. This document was submitted by Eagon and Associates, Inc. on behalf of Waste Management, Inc. and contains the ground water sampling results and the statistical analysis from the November 24, 2014 ground water sampling event at the Facility.

According to the document, analysis of the ground water detection monitoring data indicates that the following statistically significant changes were detected: sodium in monitoring well E-20AR and E-24; and chloride in monitoring wells E-24, E-25, and W-18AR.

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, 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.

The conclusion was that the statistically significant changes for sodium at monitoring wells E-20AR and chloride in monitoring wells E-25 and W-18AR were due to natural variation in ground water quality. The statistically significant changes for sodium

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and chloride at monitoring well E-24 were due a source other than the landfill, and not as a result of impact from the landfill. Monitoring wells E-20AR, E-24, E-25 and W-18AR were initially sampled on November 24, 2014.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the March 11, 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 E-20AR, E-24, E-25 and W-18AR.

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 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 "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., 17th Floor
Columbus, Ohio 43215

If you have any questions concerning this action, please contact Maria Lammers, DMWM/SWDO, at 937-285-6046.

Sincerely,



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

cc: Tracy Buchanan, DMWM/SWDO
Robin Anderson, Cincinnati Health Department