



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

OHIO E.P.A.

JUL -9 2015

ENTERED DIRECTOR'S JOURNAL

JUL 09 2015

Matthew Reardon  
Environmental Manager  
Solid Waste Authority of Central Ohio  
4329 London Groveport Road  
Grove City, OH 43123

Re: **Franklin County Sanitary Landfill  
Director's Authorization  
Approval  
Municipal Solid Waste Landfills  
Franklin  
MSWL 018803.**

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

Dear Mr. Reardon:

On May 29, 2015, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Central District Office, (CDO) received a document titled "Statistical Analysis of Detection Monitoring Results, 2015 First Semiannual Event," dated May 2015, for the Franklin County Sanitary Landfill (Facility) located in Franklin County. This document was submitted by Eagon & Associates, Inc. on behalf of the Solid Waste Authority of Central Ohio, and contains the ground water sampling results and the statistical analysis from the March 16, and March 17, 2015 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: ammonia and potassium in monitoring well MW-6Br; chloride and barium in monitoring well MW-16C; ammonia and barium in monitoring well MW-16D; ammonia, chloride, and sodium in monitoring well MW-18Br; and alkalinity in monitoring well MW-18RR.

Verification sampling was performed on April 30, 2015. Analysis of the re-sampling data demonstrated that the statistically significant changes for ammonia and potassium in monitoring well MW-6Br; ammonia in monitoring well MW-16D; and ammonia in monitoring well MW-18Br were false positives. Therefore, monitoring well MW-6Br was automatically returned to the detection monitoring program pursuant to OAC Rule 3745-27-10(D)(7)(c)(i). Ohio EPA acknowledges the return of this well to the detection monitoring program. However, the re-sampling data verified the statistically significant changes for barium in monitoring well MW-16D; chloride and sodium in monitoring well MW-18Br; and alkalinity in monitoring well MW-18RR. Verification sampling was not performed for chloride and barium in monitoring well MW-16C.

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 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 May 2015 document concluded that the statistically significant changes for barium in monitoring wells MW-16D and MW-16C were due to natural variation in ground water quality; chloride in monitoring well MW-16C was due to road salt contamination; chloride and sodium in monitoring well MW-18Br, and alkalinity in MW-18RR were due to natural variation in ground water quality, and not as a result of impact from the landfill. Monitoring wells MW-16C, MW-16D, MW-18Br, and MW-18RR were initially sampled on March 16 or March 17, 2015.

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Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the May 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 MW-16C, MW-16D, MW-18Br, and MW-18RR.

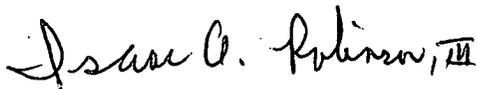
Should future or existing ground water sampling results indicate statistically significant changes in ground water monitoring parameters, the owner or operator will be required to either enter into assessment monitoring in accordance with OAC Rule 3745-27-10(E) or obtain approval to remain in the detection 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 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  
77 South High St., 17<sup>th</sup> Floor  
Columbus, Ohio 43215

If you have any questions concerning this action, please contact Phil Farnlacher, DMWM, CDO at (614) 728-3890.

Sincerely,



Isaac A. Robinson, III, Chief  
Central District Office  
for Craig W. Butler, Director

c: Melissa Storch, DMWM, CDO  
Nathan Ralph, Franklin County Public Health  
Cal James, DDAGW, CDO