



State of Ohio Environmental Protection Agency

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August 4, 2009

Paul Flory
Solid Waste Authority of Central Ohio
4239 London Groveport Road
Grove City, OH 43123-9518

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

Dear Mr. Flory

On July 3, 2009, the Ohio Environmental Protection Agency (Ohio EPA), Division of Solid and Infectious Waste Management (DSIWM), Central District Office (CDO) received a document titled "Statistical Analysis of Detection Monitoring Results 2009 First Semiannual Event", dated July 2, 2009, for the Franklin County Sanitary Landfill (Facility) located in Franklin County. This document was submitted by Eagon and Associates, Inc. on behalf of the Facility, and contains the ground water sampling results and the statistical analysis from the March 23, 24 and 30, 2009, first semiannual 2009 ground water sampling event and the May 4, 2009, ground water re-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 wells MW-2B and MW-11m; sodium in monitoring well MW-17B; barium in MW-17D, and alkalinity in MW-22C.

Verification sampling was performed on May 4, 2009. Analysis of the re-sampling data demonstrated that the statistically significant changes for chloride in monitoring well MW-2B, barium in monitoring well MW-17D and alkalinity in MW-22C were false positives. Therefore, monitoring wells MW-2B, MW-17D and MW-22C were automatically returned to the detection monitoring program pursuant to OAC Rule 3745-27-10(D)(7)(c)(i). Ohio EPA acknowledges the return of these wells to the detection monitoring program. However, the re-sampling data verified the statistically significant changes for chloride in monitoring well MW-11m and sodium in monitoring well MW-17B.

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

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 July 2, 2009, document concluded that the statistically significant changes for chloride at monitoring well MW-11m and sodium at monitoring well MW-17B were due to natural variation in ground water quality and not as a result of impact from the landfill. Monitoring well MW-11m was initially sampled on March 23, 2009, and monitoring well MW-17B was initially sampled on March 30, 2009.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the July 2, 2009, 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-11m and MW-17B.

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 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

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If you have any questions concerning this letter, please contact Allan Hurtt of Ohio EPA, CDO at (614) 728-3889.

Sincerely,

Isaac Robinson III, Chief
Central District Office
for Chris Korleski, Director

cc: Christopher Cobel, Eagon & Associates
Jeff Gibbs, Franklin County Health Dept.
Cal James, DDAGW/CDO
CDO/DSIWM File