



OHIO E.P.A.

OCT 26 2015

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

REGISTERED DIRECTOR'S JOURNAL

OCTOBER 26, 2015

Athens County Commissioners  
Athens County Courthouse  
15 S Court Street #234  
Athens, Ohio 45701

Re: Athens County 691 Landfill  
Director's Authorization  
Approval  
Municipal Solid Waste Landfill  
Athens County  
MSWL019387

**Subject: Athens County 691 Landfill, Athens  
Ohio Administrative Code (OAC) Rule 3745-27-10(D)(7)(c) Approval**

Dear Commissioners:

On July 13, 2015, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Southeast District Office (SEDO) received a document titled "Spring 2015, Year 16 Semiannual Ground Water Monitoring Report," dated July 2015, for the Athens County 691 Landfill (Facility) located in Athens County. This document was prepared by the consulting firm of Arcadis and submitted by the Athens County Commissioners and contains the ground water sampling results and the statistical analysis from the April 28-29, 2015 ground water sampling event at the Facility. According to the July 2015 document, analysis of the ground water detection monitoring data indicated that a statistically significant change was detected for barium in monitoring well MW-5.

On October 6, 2015, Ohio EPA-SEDO received an Alternate Source Demonstration (ASD) for the Facility. The 1994 version of the Ohio Administrative Code (OAC) Rule 3745-27-10 applies to the Facility. Pursuant to OAC Rule 3745-27-10(D)(7)(c), 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 105 days of the notification of the statistical exceedance, 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 October 2015 document concluded that the statistically significant change for barium at monitoring well MW-5 was due to sampling error, and not as a result of impact from the landfill. A resampling for barium in monitoring well MW-5 occurred on September 15, 2015. As proposed by Arcadis, the statistical increase in barium in the original sample was the result of elevated turbidity values.

Athens County 691 Landfill  
OAC Rule 3745-27-10(D)(7)(c) approval

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the October 2015 document. Therefore, pursuant to OAC Rule 3745-27-10(D)(7)(c), the owner or operator is hereby authorized to continue the detection monitoring program at the Facility for monitoring well MW-5.

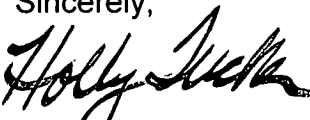
Should future or existing ground water sampling results indicate statistically significant changes in ground water monitoring parameters, the owner or operator will be required to either enter into assessment monitoring in accordance with OAC Rule 3745-27-10(E) or obtain approval to remain in the detection 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 Dan Bergert, DMWM-SEDO, at (740) 380-5438.

Sincerely,



Holly Tucker, Acting Chief  
Southeast District Office  
for Craig W. Butler, Director

HT/CB/DB/cb

ec: Rich Fox, DMWM-SEDO  
Steve Lowry, DDAGW-SEDO  
Scott Hester, DMWM-CO  
Mike Cooper, R.S., Athens County Health Department