



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

OHIO E.P.A.

NOV -9 2015

ENTERED DIRECTOR'S JOURNAL

NOV 09 2015

Mr. Rod Deeds
Tunnell Hill Reclamation
PO Box 625
New Lexington, Ohio 43764-0625

Re: Tunnell Hill LDF
Director's Authorization
Approval
Municipal Solid Waste Landfills
Perry County
MSWL018748

Subject: Tunnell Hill LDF Ohio Administrative Code (OAC) Rule 3745-27-10(D)(7)(c) Approval

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Dear Mr. Deeds:

On August 7, 2015, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Southeast District Office (SEDO) received a document titled "Statistical Analysis of Detection Monitoring Results, 2015 First Semiannual Event," (Document) dated August 5, 2015, for Tunnell Hill Reclamation Landfill (Facility) located in Perry County. This document was submitted by Eagon & Associates, Inc., on behalf of Tunnell Hill Reclamation, LLC, and contains the ground water sampling results and the statistical analysis from the May 26, 2015 ground water sampling event at the facility.

Statistical analyses of the May 2015 results were conducted in accordance with the facility's statistical analysis program, revised January 2015. These statistical analyses identified eleven statistically significant results. A resampling event for the purpose of verifying the results was conducted in July 2015. Based on the initial and resampling results, statistically significant results were declared for ammonia and potassium at WBMW-8DR, barium and chloride at WBMW-10A, chloride at WBMW-10D, chloride at WBMW-16C, and barium, cobalt, nickel, ammonia, and potassium at MW-22A.

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 document concluded that the statistically significant changes for ammonia and potassium at well WBMW-8DR, barium and chloride at WBMW-10A, chloride at wells

WBMW-10D and WBMW-16C, and barium, cobalt, nickel, ammonia, and potassium at MW-22A were due to false positive results, and not as a result of impact from the landfill.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the 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 WBMW-8DR, WBMW-10A, WBMW-10D, WBMW-16C, and MW-22A.

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., 17th Floor
Columbus, Ohio 43215

If you have any questions concerning this action, please contact Nathan Johnson, DMWM, SEDO at (740) 380-5439.

Sincerely,



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

HT/CB/NJ/cb

ec: Rich Fox, DMWM-SEDO
Doug Snyder, DDAGW-SEDO
Scott Hester, DMWM-CO
Cary Bowers, R.S., Perry County Health Department