



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

OHIO E.P.A.

JUL 21 2015

ENTERED DIRECTOR'S JOURNAL

JUL 21 2015

Mr. Tim Gourley  
Lake County Department of Utilities  
Lake County Administration Center  
105 Main Street, P.O. Box 490  
Painesville, Ohio 44077

**Re: Lake County Solid Waste Facility  
Director's Authorization  
Approval  
Municipal Solid Waste Landfill  
Lake County  
MSWL018755**

**Subject: Lake County Solid Waste Facility, Lake County  
Ohio Administrative Code (OAC) Rule 3745-27-10(E)(9)(b) Approval**

Dear Mr Gourley:

On June 17, 2015, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Northeast District Office (NEDO), received a document titled "OAC Rule 3745-27-10(E)(9)(b) Request to Reinstate Well MW-16 and MW-21 to Detection Monitoring," dated June 16, 2015, for Lake County Solid Waste Facility (Facility) located in Lake County. This document was submitted by Mannik & Smith Group (MSG) on behalf of Lake County Solid Waste Facility, pursuant to OAC Rule 3745-27-10(E)(9)(b), and requested reinstatement of the ground water detection monitoring program for specific monitoring wells at the Facility and to release the owner or operator from the obligation to comply with the ground water quality assessment monitoring program implemented due to the detection of statistically significant increases (SSIs) for: chloride detected at monitoring well MW-16 and barium, chloride and sodium at monitoring well MW-21. The Facility previously attempted to demonstrate that an alternate source of SSIs in wells MW-16 and MW-21 is upwelling of brine from the Chagrin Shale with alternate source demonstration (ASD) submissions to the agency dated November 24, 2014, April 2014 and October 2012. Ohio EPA determined that those previously submitted ASDs for chloride in MW-16 and barium, chloride and sodium in MW-21 were inadequate.

Pursuant to OAC Rule 3745-27-10(E)(9)(b), 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 from natural variation in ground water quality and request that the director approve reinstatement of the detection monitoring program.

The June 16, 2015, document concluded that the chloride SSI in well MW-16 and barium, chloride and sodium SSIs in well MW-21 are not indications of releases of waste-derived constituents, but instead are attributed to natural variation in ground water quality and/or a source other than the landfill. Ohio EPA has reviewed the applicable information and concurs with this conclusion. Therefore, pursuant to OAC Rule 3745-27-10(E)(9)(b), I hereby approve reinstatement of the ground water detection monitoring program for the monitoring well in the ground water quality assessment monitoring program, noted above, and release the owner or operator from the obligation to comply with this assessment monitoring program at the Facility.

LAKE COUNTY SOLID WASTE FACILITY  
DIRECTOR'S AUTHORIZATION  
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This approval of reinstatement of the detection monitoring program applies to monitoring wells MW-16 and MW-21.

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 the ground water quality assessment monitoring program in accordance with OAC Rule 3745-27-10(E) or obtain approval to remain in the detection monitoring program pursuant to OAC Rule 3745-27-10(D)(7)(c).

This approval shall not be construed to release the owner or operator from the obligation to comply with the requirements of any other ground water quality assessment monitoring program being conducted at the Facility.

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 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 letter, please contact Clarissa Gereby, DMWM, NEDO at (330) 963-1224.

Sincerely,



Kurt M. Princic, Chief  
Northeast District Office  
for Craig W. Butler, Director

KMP:CG:cla

cc: Jarnal Singh, Ohio EPA, NEDO, DMWM  
Laura Kuns, Lake County Health Department