



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

OHIO E.P.A.

MAY 19 2015

ENTERED DIRECTOR'S JOURNAL

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Mr. Butch Bradburn
Environmental Manager
Republic Services, Inc.
5092 Aber Road
Williamsburg, Ohio 45176

RE: Willowcreek Sanitary Landfill
Director's Authorization
Non-Approval
Municipal Solid Waste Landfills
Portage County
MSWL019376

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

Dear Mr. Bradburn:

On March 3, 2015, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Northeast District Office, (NEDO), received a document titled "OAC 3745-27-10(D)(7)(c) Alternate Source Demonstration for MW-5, BFIO Willowcreek Landfill" dated March 2, 2015, for Willowcreek Sanitary Landfill (Facility) located in Portage County. This document was submitted by Environmental Resources Management (ERM) on behalf of Browning-Ferris Industries (BFI) pursuant to OAC Rule 3745-27-10(D)(7)(c), and requested continuation of the ground water detection monitoring program for a specific monitoring well at the Facility and to release the owner or operator from the obligation to comply with the ground water quality assessment monitoring program. During an October 7, 2014 ground water sampling event at the Facility, a statistically significant change for chloride in monitoring well MW-5 was detected.

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 from natural variation in ground water quality, and request that the director approve continuation of the detection monitoring program.

The March 2, 2015 document concluded that the statistically significant change in chloride at monitoring well MW-5 was due to a source other than the landfill, namely natural variation in ground water quality. Ohio EPA has reviewed the March 2, 2015 document and has determined that the owner or operator has not provided sufficient evidence to demonstrate that the statistically significant change in chloride at monitoring well MW-5 was from a source other than the sanitary landfill facility, due to an error in sampling, analysis, or statistical evaluation, or from natural variation in ground water quality.

The time series graph of chloride concentrations at MW-5 shows an increase since approximately March 2010. The second semiannual sampling for 2014 represents the first time that the sampling and resampling data (230 and 215 mg/L, respectively) are significantly higher than the statistical limit of 180 mg/L. The statistically significant change for chloride at MW-5 indicates a release from the landfill, or it may indicate the leading edge of the release plume detected at monitoring well MW-14S. That area is adjacent to the limits of waste and immediately upgradient of MW-5 and contains elevated concentrations of ammonia, chloride, sodium and potassium. Either situation necessitates placing MW-5 into assessment monitoring. Therefore, I cannot approve continuation of ground water detection monitoring at monitoring well MW-5. The owner or operator shall comply with the ground water quality assessment program pursuant to OAC Rule 3745-27-10(E).

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 ORC 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 letter, please contact Colum McKenna, DMWM, NEDO at (330) 963-1268.

Sincerely,



Craig W. Butler
Director

CWB:KS:cla

cc: Jarnal Singh, Ohio EPA, NEDO, DMWM
Mary Helen Smith, Portage County Combined General Health District