



State of Ohio Environmental Protection Agency

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Mr. Scott Herman
Site Manager
Cuyahoga Regional Sanitary Landfill
6640 Cochran Rd.
Solon, Ohio 44139

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

Dear Mr. Herman:

On October 10, 2006, the Ohio Environmental Protection Agency (Ohio EPA), Division of Solid and Infectious Waste Management (DSIWM), Northeast District Office (NEDO) received a document titled "Cuyahoga Regional Sanitary Landfill - OAC 3745-27-10(D)(7)(c)(ii) Alternate Source Demonstration of the April 2006 Groundwater Statistically Significant Increase of Chloride at Upper Sand Well SL-1," dated October 9, 2006, for the Cuyahoga Regional Sanitary Landfill (CRSL) located in Cuyahoga County. This document was submitted by Civil & Environmental Consultants, Inc., on behalf of CRSL Inc., and contains the ground water sampling results and the statistical analysis from the April 2006 ground water 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 at levels above background in monitoring well SL-1; and sodium in monitoring well P-2.

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 October 9, 2006 document concluded that the statistically significant changes for chloride at monitoring well SL-1; and sodium in monitoring well were due to natural variation in ground water quality, 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 October 9, 2006 document regarding to the monitoring wells SL-1 and P-2 that were initially sampled in April 2006. 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 SL-1 and P-2.

Bob Taft, Governor
Bruce Johnson, Lieutenant Governor
Joseph P. Koncelik, Director



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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

If you have any questions concerning this letter, please contact Colum McKenna of Ohio EPA, NEDO at 330-963-1268.

Sincerely,

William Skowronski, Chief
Northeast District Office
for Joseph P. Koncelik, Director

cc: Murat Tukul, DSIWM-NEDO
Scott Hester, DSWIM-CO
Dane Tussel, Cuyahoga County Board of Health