



State of Ohio Environmental Protection Agency

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Mr. Adam Burleson, Landfill Manager
Celina Landfill
6141 Depweg Road
Celina, Ohio 45822

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

Dear Mr. Burleson:

On August 29, 2005, the Ohio Environmental Protection Agency (Ohio EPA), Division of Solid and Infectious Waste Management (DSIWM), Northwest District Office (NWDO) received a document titled "(D)(7)(c)(ii) Demonstration," dated August 24, 2005, for the Celina Landfill (Facility) located in Mercer County. This document was submitted by Brown and Caldwell, on behalf of the Celina Landfill, and contains the ground water sampling results and the statistical analysis from the April 11 and April 13, 2005 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: nickel in monitoring wells C-1, J-2 and K-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 August 24, 2005 document concluded that the statistically significant changes for nickel at monitoring wells C-1, J-2, K-2 were due to problems with the laboratory analysis, and not as a result of impact from the landfill. Monitoring wells C-1, J-2 and K-2 were initially sampled on April 11 and April 13, 2005.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the August 24, 2005 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 C-1, J-2 and K-2.

Bob Taft, Governor
Jennette Bradley, 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 (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. It must be filed with the Commission within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director within three (3) days after filing with the Commission. An appeal may be filed with the Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street
Room 222
Columbus, Ohio 43215

A detailed account of Ohio EPA's review of the ground water demonstration will be sent to you under separate cover.

If you have any questions concerning this letter, please contact Mike Reiser of Ohio EPA, NWDO at 419-373-3126.

Sincerely,

Shannon Nabors, Chief
Northwest District Office
for Joseph P. Koncelik, Director

cc: Ellen Gerber, DSIWM-NWDO
Scott Hester, DSWIM-CO
Michelle Kimmel, Mercer County Health District
Jim Peeples, Brown and Caldwell
Joe Montello, Allied Waste