



State of Ohio Environmental Protection Agency

STREET ADDRESS:

MAILING ADDRESS:

Lazarus Government Center
122 S. Front Street
Columbus, Ohio 43215

TELE: (614) 644-3020 FAX: (614) 644-3184
www.epa.state.oh.us

P.O. Box 1049
Columbus, Ohio 43216-1049

Randy Traub
General Manager
Cherokee Run Landfill
2946 U.S. Rt. 68
Bellefontaine, OH 43311

RE: **Cherokee Run Landfill, Logan County
Ohio Administrative Code (OAC) Rule 3745-27-10(D)(7)(c) Request**

Dear Mr. Traub:

By a report, "OAC 3745-27-10(D)(7)(c) Demonstration for March 2005 Exceedences at Cherokee Run Landfill, Bellefontaine, Ohio", received on August 17, 2005, the owner/operator of the Cherokee Run Landfill notified the Ohio Environmental Protection Agency (Ohio EPA), Southwest District Office (SWDO) of statistically significant increases in the concentration of ammonia, sodium and chloride in monitoring well MW-4, chloride in MW-9, ammonia in MW-21 and ammonia in well MW-25. Sampling was conducted on March 3, 2005, with a resampling event on April 5, 2005. Accompanying the report was a request to continue detection monitoring. The request was submitted in accordance with OAC Rule 3745-27-10(D)(7)(c), and provides the owner/operator's demonstration that the statistically significant increase in ammonia, sodium and chloride in monitoring well MW-4, chloride in MW-9, ammonia in MW-21 and ammonia in well MW-25 was determined to be the result of natural variability in ground water quality.

Pursuant to OAC Rule 3745-27-10(D)(7)(c)(ii), the owner or operator may demonstrate that a source other than the landfill caused the contamination, or that the statistically significant increase over background resulted from error in sampling, analysis, statistical evaluation, or natural variation in ground water quality.

Upon review of the submitted information, the Ohio EPA concurs with the demonstration for ammonia, sodium and chloride in monitoring well MW-4, chloride in MW-9, ammonia in MW-21 and ammonia in well MW-25, and approves continuation of the detection monitoring program for these wells in accordance with OAC Rule 3745-27-10(D)(7)(c) for the wells and parameters specified above.

Should future or existing ground water sampling results indicate statistically significant changes in the ground water quality for this or other detection monitoring locations, the facility owner/operator will be required to enter into assessment monitoring in accordance with OAC

Bob Taft, Governor
Jennette Bradley, Lieutenant Governor
Joseph P. Koncelik, Director

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Rule 3745-27-10(E), or obtain similar approval to remain in detection monitoring.

You are hereby notified that the action of the Director of Environmental Protection, (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. The appeal 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 of 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

If you have any questions, please contact Monte Bluebaum of the Ohio EPA, Southwest District Office at (937) 285-6647.

Sincerely,

Thomas A. Winston, P.E.
Chief, Southwest District Office

for Joseph Koncelik
Director, Ohio Environmental Protection Agency

cc: Craig Kaufman, Logan County Health District
Steve Lowry, Ohio EPA, SWDO-DDAGW

TW/MB/ca