



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

Mohammed Ali
American Landfill
7916 Chapel Street, S.E.
Waynesburg, OH 44688-9700

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

Dear Mr. Ali:

On October 31, 2005, the Ohio Environmental Protection Agency (Ohio EPA), Division of Solid and Infectious Waste Management (DSIWM), Northeast District Office (NEDO) received a false positive demonstration report dated October 26, 2005, for the American Landfill (Facility) located in Stark County. This document was submitted by Eagon & Associates, Inc. on the behalf of American Landfill and Waste Management, Inc. , and contains the ground water sampling results and the statistical analysis from the June 20, 2005 to June 22, 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: ammonia in monitoring well MW-16A barium in monitoring wells PHL/BC-1 and PHL/BC-2 ; and sodium and chloride in monitoring wells LKC-3A, LKC-4, AMW-11A, AMW-16, and PHL/BC-14.

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 26, 2005, document concluded that the statistically significant changes for ammonia at monitoring well MW-16A, and the barium at monitoring wells PHL/BC-1 and PHL/BC-2 were due to natural variation in ground water quality, and not as a result of impact from the landfill. This document also concluded the statistically significant changes for sodium and chloride at monitoring wells LKC-3A, LKC-4, AMW-11A, AMW-16, and PHL/BC-14 were due to a source other than the landfill. Monitoring wells MW-16A, PHL/BC-1, PHL/BC-2, LKC-

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

Mohammed Ali
American Landfill
Page 2 of 2

3A, LKC-4, AMW-11A, AMW-16, and PHL/BC-14 were initially sampled between June 20, 2005, and June 22, 2005.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the October 26, 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 MW-16A, PHL/BC-1, PHL/BC-2, LKC-3A, LKC-4, AMW-11A, AMW-16, and PHL/BC-14. This approval applies only to the results of the 2005 first semiannual ground water detection monitoring event .

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

If you have any questions concerning this letter, please contact Scott Winkler of Ohio EPA, NEDO at (330) 963-1220.

Sincerely,

William Skowronski, District Chief, Northeast District Office
for Joe Koncelik, Director

cc: Scott Winkler, DSIWM-NEDO
Kirk Norris, Stark County Health Department
Eric Adams, DSIWM-NEDO
Scott Hester, DSIWM-CO