



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

JANUARY 17, 2018

Mr. James Hamann
American Landfill
7916 Chapel Street, S.E.
Waynesburg, Ohio 44688

**Re: American Landfill Inc.
Director's Authorization
Approval
Municipal Solid Waste Landfills
Stark County
MSWL018809**

Ohio EPA JAN 17 '18
Entered Directors Journal

**Subject: American Landfill Inc., Stark County
Ohio Administrative Code (OAC) Rule 3745-27-10(C)(7)(g) Approval**

Dear Mr. Hamann:

On May 22, 2017, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Northeast District Office (NEDO) received a request, dated May 22, 2017, titled "Statistical Analysis Program for Groundwater Quality Monitoring, American Landfill, Stark County, Ohio, Revision 10". The document was submitted in accordance with OAC Rule 3745-27-10(C)(7)(g) by American Landfill, Inc., and requested to update the background data group representing the background water quality at monitoring wells AMW-4 (chloride & sodium), AMW-5 (potassium), AMW-16 (chloride), AMW-19 (chloride), LKC-8 (arsenic), LKC-10 (sodium), PHL/BC-4 (ammonia & barium), PHL/BC-5 (barium & chloride), PHL/BC-12 (barium), PHL/BC-16 (chloride & potassium), PHL/BC-17 (chloride) and PHL/BC-22 (arsenic barium) at American Landfill, Inc., located at 7916 Chapel Street, S.E., Waynesburg, Ohio.

Pursuant to OAC Rule 3745-27-10(C)(7)(g), background data can be added only in blocks of data resulting from the analysis of four or more statistically independent samples after the data have been statistically compared to the current background data and no statistical differences are detected, unless another method is deemed acceptable to the director.

The Facility has proposed using the following statistically significant data from wells AMW-4, AMW-5, AMW-16, AMW-19, LKC-8, LKC-10, PHL/BC-4, PHL/BC-5, PHL/BC-12, PHL/BC-16, PHL/BC-17, and PHL/BC-22 as part of the Facility's background data.

<u>Well Number</u>	<u>Parameter</u>	<u>Date</u>	<u>Result (mg/L)</u>
AMW-4	Chloride	4/14/15	135
AMW-4	Chloride	5/20/15	167
AMW-4	Sodium	4/14/15	58.4

<u>Well Number</u>	<u>Parameter</u>	<u>Date</u>	<u>Result (mg/L)</u>
AMW-4	Sodium	5/20/15	65.7
AMW-5	Potassium	10/19/15	22.8
AMW-16	Chloride	10/20/15	521
AMW-16	Chloride	11/23/15	592
AMW-16	Chloride	9/20/16	514
AMW-16	Chloride	11/8/16	539
AMW-19	Chloride	9/19/16	52.0
AMW-19	Chloride	11/8/16	58.0
LKC-8	Arsenic	4/13/15	0.0676
LKC-8	Arsenic	5/20/15	0.0318
LKC-8	Arsenic	4/12/16	0.0478
LKC-8	Arsenic	9/19/16	0.0429
LKC-10	Sodium	4/15/15	25.4
LKC-10	Sodium	10/20/15	23.4
LKC-10	Sodium	11/23/15	22.9
PHL/BC-4	Ammonia	4/14/15	1.01
PHL/BC-4	Ammonia	9/19/16	1.02
PHL/BC-4	Barium	4/14/15	0.745
PHL/BC-5	Barium	4/14/15	0.095
PHL/BC-5	Barium	5/20/15	0.095
PHL/BC-5	Barium	10/20/15	0.104
PHL/BC-5	Barium	4/11/16	0.110
PHL/BC-5	Barium	9/20/16	0.102
PHL/BC-5	Chloride	4/14/15	50.5
PHL/BC-5	Chloride	5/20/15	52.0
PHL/BC-12	Barium	4/13/15	0.027
PHL/BC-12	Barium	5/20/15	0.040
PHL/BC-12	Barium	10/20/15	0.031
PHL/BC-16	Chloride	4/13/15	96.9
PHL/BC-16	Chloride	5/20/15	99.0
PHL/BC-16	Chloride	10/20/15	84.0
PHL/BC-16	Chloride	11/23/15	93.0
PHL/BC-16	Chloride	4/12/16	91.1
PHL/BC-16	Chloride	5/18/16	108
PHL/BC-16	Chloride	9/20/16	95.0
PHL/BC-16	Potassium	9/20/16	8.4
PHL/BC-17	Chloride	4/14/15	27.4
PHL/BC-17	Chloride	9/20/16	25.0
PHL/BC-22	Arsenic	4/13/15	0.0013
PHL/BC-22	Arsenic	5/20/15	0.0016
PHL/BC-22	Arsenic	9/19/16	0.0016
PHL/BC-22	Barium	4/13/15	0.0810

Ohio EPA has reviewed the applicable information and concurs with the addition of the above data to existing background data. Therefore, pursuant to OAC Rule 3745-27-10(C)(7)(g), American Landfill, Inc. is hereby authorized to incorporate the above data in their background data.

You are hereby notified that this action of the director of the Ohio Environmental Protection Agency (Director) is final and may be appealed to the Environmental Review Appeals 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. 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
30 East Broad Street, 4th Floor
Columbus, Ohio 43215

If you have any questions concerning this letter, please contact Bill Lutz of Ohio EPA, NEDO at (330) 963-1245.

Sincerely,



Kurt M. Princic
Chief, Northeast District Office
for Craig W. Butler
Director, Ohio EPA

KP/nvp

ec: Lynn Sowers, DMWM, NEDO
Eric Adams, DDAGW, NEDO
Phil Revlock, Stark County Health Department
Scott Hester, DMWM, CO
Mr. Mohammed Ali, American Landfill, Inc.

DMWM # 7831C