



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

AUG 10 2015

ENTERED DIRECTOR'S JOURNAL

AUGUST 10, 2015

Mohammad Ali
Waste Management
American Landfill
7916 Chapel Street, S.E.
Waynesburg, OH 44688-9700

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

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

Dear Mr. Ali:

On May, 19, 2015, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Northeast District Office (NEDO) received a document titled "Statistical Analysis Program for Groudnwtaer Quality Monitoring Revision 8" dated May 2015, for the American Landfill (Facility) located in Stark County. This document was submitted by Eagon & Associates, Inc., on behalf of American Landfill.

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.

American Landfill has proposed using statistically significant data as included in the Attachment, Table 5, from the following well numbers as part of the Facility's background data.

- | | | |
|-----------|-----------|-----------|
| PHL/BC-4 | PHL/BC-5 | PHL/BC-12 |
| PHL/BC-16 | PHL/BC-17 | PHL/BC-21 |
| PHL/BC-22 | AMW-4 | AMW-5 |
| AMW-15 | LKC-2A | LKC-3A |
| LKC-8 | LKC-2 | |

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), the owner or operator is hereby authorized to incorporate the above data in the Facility's background data.

AMERICAN LANDFILL
DIRECTOR'S AUTHORIZATION
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You are hereby notified that this action of the Director of Environmental Protection (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
77 South High St., 17th Floor
Columbus, Ohio 43215

If you have any questions concerning this letter, please contact Karen Naples of Ohio EPA, NEDO at (330) 963-1244.

Sincerely,



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

KP:KN:cla

cc: Lynn Sowers, Ohio EPA, NEDO, DMWM
Scott Hester, Ohio EPA, Central Office, DMWM
Eric Adams, Ohio EPA, NEDO, DDAGW
Phil Revlock, Stark County Health Department

**TABLE 5.
SUMMARY OF STATISTICAL EXCEEDANCES FOR
OAC 3745-27-10(C)(7)(g) REQUEST
AMERICAN LANDFILL, INC.**

Well	Parameter	Date	Concentration (mg/L)	Remain in Detection Approval Mechanism ¹
AMW-4	Chloride	4/18/2011	92.7	ASD
		6/6/2011	95	ASD
		10/17/2011	98	ASD
		12/13/2011	88	ASD
		4/16/2012	275	ASD
		6/5/2012	227	ASD
		10/15/2012	165	ASD
		11/26/2012	134	ASD
		4/24/2013	120	ASD
		6/10/2013	131	ASD
	10/21/2013	138	ASD	
	11/25/2013	140	ASD	
	4/21/2014	145	ASD	
	6/2/2014	154	ASD	
	10/20/2014	170	ASD	
	Sodium	4/18/2011	50.5	ASD
		6/6/2011	51.6	ASD
		10/17/2011	50.7	ASD
		12/13/2011	52.4	ASD
		10/15/2012	51.7	ASD
11/26/2012		51.5	ASD	
4/24/2013		59.9	ASD	
10/21/2013		68.8	ASD	
11/25/2013		71.6	ASD	
4/21/2014		67.9	ASD	
6/2/2014	73	ASD		
10/20/2014	75.9	ASD		
AMW-5	Ammonia	4/16/2012	1.34	ASD
		6/5/2012	1.38	ASD
	Potassium	4/18/2011	11.8	ASD
		6/6/2011	11.5	ASD
AMW-15	Ammonia	4/25/2013	0.48	ASD
LKC-2A	Chloride	10/21/2014	17	ASD
		11/24/2014	20	ASD
LKC-3A	Sodium	4/18/2011	245	ASD
		6/6/2011	273	ASD
		10/15/2012	279	ASD
		11/26/2012	272	ASD
LKC-8	Arsenic	4/22/2014	0.0425	l of m
PHL/BC-4	Ammonia	10/21/2014	0.90	ASD
	Barium	4/23/2013	0.708	ASD
		4/21/2014	0.799	ASD
		6/2/2014	0.748	ASD
		10/21/2014	0.790	ASD

¹ ASD refers to Rule OAC 3745-27-10(D)(7)(c)(ii) approval.

l of m refers to Rule OAC 3745-27-10(D)(7)(c)(i) approval.

**TABLE 5.
SUMMARY OF STATISTICAL EXCEEDANCES FOR
OAC 3745-27-10(C)(7)(g) REQUEST
AMERICAN LANDFILL, INC.**

Well	Parameter	Date	Concentration (mg/L)	Remain-in Detection Approval Mechanism ¹
PHL/BC-5	Barium	4/24/2013	0.09	ASD
		4/22/2014	0.101	ASD
		6/2/2014	0.0957	ASD
		10/21/2014	0.100	ASD
	Chloride	4/24/2013	39	ASD
PHL/BC-12	Barium	10/20/2014	0.030	ASD
		11/24/2014	0.030	ASD
PHL/BC-16	Chloride	4/25/2013	78	ASD
		10/22/2014	82	ASD
PHL/BC-17	Chloride	4/21/2014	23.8	ASD
		6/2/2014	23.0	ASD
		10/21/2014	27.0	ASD
PHL/BC-21	Cobalt	4/24/2013	0.212	ASD
	Nickel	4/24/2013	0.356	ASD
	Zinc	4/24/2013	0.247	ASD
PHL/BC-22	Arsenic	10/21/2013	0.0013	ASD
		11/25/2013	0.0018	ASD
		4/21/2014	0.0015	ASD
		6/2/2014	0.0013	ASD
	Barium	4/23/2013	0.094	ASD
		6/10/2013	0.090	ASD
		10/21/2013	0.061	ASD
		11/25/2013	0.080	ASD
		4/21/2014	0.103	ASD
		6/2/2014	0.092	ASD
		10/21/2014	0.100	ASD
		10/21/2014	0.100	ASD
UC-2	Potassium	4/19/2010	5.8	l of m
		4/23/2013	2.9	ASD
		10/20/2014	5.4	l of m
	Sodium	4/23/2013	16.6	ASD

¹ ASD refers to Rule OAC 3745-27-10(D)(7)(c)(ii) approval.

l of m refers to Rule OAC 3745-27-10(D)(7)(c)(i) approval.