



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

SEPTEMBER 10, 2018

Ms. Dawn Wright
Environmental Manager
Lorain County II Landfill, LLC
43502 Oberlin-Elyria Road
Oberlin, OH 44074

**Re: Lorain County II Landfill
Director's Authorization
Approval
Municipal Solid Waste Landfills
Lorain County
MSWL018801**

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

Dear Ms. Wright:

Ohio EPA SEP 10 '18
Entered Directors Journal

On July 9, 2018, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Northeast District Office (NEDO) received a document also dated July 9, 2018, titled, "OAC 3745-27-10(C)(7)(g) Request to Update Background" from Eagon & Associates, Inc. on behalf of Lorain County II Landfill, LLC (Lorain). The document was submitted in accordance with Ohio Administrative Code (OAC) Rule 3745-27-10(C)(7)(g) for Lorain, located at 43502 Oberlin-Elyria Rd, Oberlin, Ohio 44074. The request contains information in support of updating background for MW-203 (ammonia, chloride, sodium); MW-210D (ammonia, sodium); and MW-8R4 (chloride, sodium), including the results of outlier and trend testing, time series graphs, and evaluations of the data relative to other landfill indicator parameters. Lorain was able to demonstrate that the data included in the background update request were the result of natural variation in background ground water quality that had not been previously recognized or represented in the background datasets for these wells.

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.

Lorain has proposed using the following statistically significant data from MW-203 (ammonia, chloride, sodium); MW-210D (ammonia, sodium); and MW-8R4 (chloride, sodium) as part of the facility's background data.

<u>Well Number</u>	<u>Parameter</u>	<u>Date</u>	<u>Result (mg/L)</u>
MW-203	Ammonia	10/12/2011	0.91
MW-203	Ammonia	05/24/2012	1.1
MW-203	Ammonia	07/19/2012	1.1
MW-203	Chloride	11/29/2017	230
MW-203	Sodium	5/22/2013	280
MW-203	Sodium	11/19/2013	280
MW-203	Sodium	12/16/2013	270
MW-203	Sodium	5/18/2015	266
MW-203	Sodium	11/29/2017	265
MW-203	Sodium	1/9/2018	268
MW-210D	Ammonia	10/13/2011	0.94
MW-210D	Ammonia	5/23/2012	1.1
MW-210D	Ammonia	7/19/2012	1.1
MW-210D	Sodium	5/22/2013	300
MW-8R4	Chloride	11/18/2014	31.9
MW-8R4	Chloride	11/28/2017	31.3
MW-8R4	Chloride	1/9/2018	30.7
MW-8R4	Sodium	5/22/2013	140
MW-8R4	Sodium	5/19/2015	133

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.

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
30 East Broad Street, 4th Floor
Columbus, Ohio 43215

If you have any questions concerning this letter, please contact Mark Kroenke of Ohio EPA NEDO at (330) 963-1225.

Sincerely,



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

KMP:MK

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