



Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

May 14, 2021

Mr. Bradley Bashore
6141 Depweg Road
Celina, OH 45822

Re: Celina Sanitary Landfill
Director's Authorization
Approval
Municipal Solid Waste Landfills
Mercer County
MSWL018816

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

Dear Mr. Bashore:

On April 27, 2021, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Northwest District Office (NWDO) received a request titled, *OAC Rule 3745-27-10(C)(7)(g) Request for Detection Monitoring Wells, Intra-Well Statistical Demonstration, and Revised Groundwater Statistical Monitoring Plan* (Request), dated April 27, 2020. The Request was submitted by Civil & Environmental Consultants, Inc, on behalf of the owner/operator and proposed to update the background data group representing the background water quality at monitoring wells listed in the table below, at Celina Sanitary Landfill (Facility) located at 6141 Depweg Road, Celina, Ohio.

Please note that this letter does not regard the request to include chloride data from monitoring well I-1 in the background. A letter from the Director will address the request as it pertains to the chloride data from monitoring well I-1.

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.

Ohio EPA has reviewed the Request for the parameter concentrations listed in the table below and concurs that the statistically different data be added to the existing background datasets. Ohio EPA's review determined that the owner or operator has provided sufficient evidence to demonstrate that the statistically different data can be added to the existing background datasets and meets the requirements of OAC Rule 3745-27-10(C)(7)(g) in the document. Therefore, Ohio EPA approves the Request pursuant to OAC Rule 3745-27-10(C)(7)(g) at Celina Sanitary Landfill.

Well	Parameter	Sample Date	Concentration
C-1	Ammonia (mg/L)	5/21/2019	1.6
		7/9/2019	1.5
		6/3/2020	1.5
		11/23/2020	1.5
	Arsenic (ug/L)	10/17/2017	1.6
	Barium (ug/L)	10/19/2011	11
		10/16/2013	12
		9/30/2014	13
		10/15/2015	18
		5/23/2016	13
	Cadmium (ug/L)	10/16/2006	0.22
		10/4/2010	0.31
		5/21/2013	0.34
		7/11/2013	0.4
		10/16/2013	0.22
5/19/2014		0.21	
5/30/2017		0.24	
11/23/2020	0.29		
Selenium (ug/L)	9/28/2009	2.3	
C-3	Ammonia (mg/L)	11/24/2020	0.6
D-1R	Ammonia (mg/L)	5/11/2011	0.1
E-1	Chloride (mg/L)	5/21/2013	35
		7/11/2013	32
J-1	Ammonia (mg/L)	5/22/2019	0.99
		7/9/2019	0.93
		10/17/2019	0.97
		6/3/2020	0.97
		11/24/2020	0.91
	Potassium (mg/L)	4/24/2006	3.1
		10/8/2007	3.4
		4/16/2008	3.1
		11/7/2012	3.0
		5/26/2015	3.2
		10/15/2015	3
		11/12/2015	3
5/24/2018	3.3		
5/22/2019	3		
J-2	Ammonia (mg/L)	10/17/2019	1.1
		6/3/2020	0.77
		11/24/2020	0.74
	Antimony (ug/L)	5/10/2011	3.7

Well	Parameter	Sample Date	Concentration
J-2 (cont.)	Selenium (ug/L)	9/29/2009	2.2
		11/7/2012	2.1
K-1	Ammonia (mg/L)	6/3/2020	0.98
		11/24/2020	0.93
K-2	Ammonia (mg/L)	5/23/2019	1
		7/9/2019	0.99
		10/16/2019	1.1
		6/3/2020	1
		11/24/2020	0.93
	Cadmium (ug/L)	5/21/2013	0.4
Selenium (ug/L)	10/18/2017	3.5	
L-1R	Ammonia (mg/L)	9/28/2016	0.96
		6/1/2017	0.97
		10/16/2017	0.92
		5/23/2018	0.98
		10/4/2018	0.93
		5/21/2019	1.1
		10/16/2019	1.1
		6/3/2020	1.1
		11/23/2020	1.1

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, OH 43215

Celina Sanitary Landfill
OAC Rule 3745-27-10(C)(7)(g)
Page 4

If you have any questions concerning this letter, please contact Kilynn Dahl of Ohio EPA, NWDO at 419-373-3160 or kilynn.sandberg@epa.ohio.gov.

Sincerely,

Shannon Nabors

Shannon Nabors
Chief, Northwest District Office
for Laurie A. Stevenson
Director, Ohio EPA

ec: Joe Montello, Republic Services, Inc.
Nicholas A. Bohland, CEC
Michelle Kimmel, Mercer County Health District
Mike Reiser, DMWM-NWDO
Mary Ann Miller, DMWM-NWDO
Kilynn Dahl, DMWM-NWDO
Ken Brock, DMWM-NWDO
Jeremy Carroll, DMWM-CO