



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

June 9, 2021

Crawford County Board of
Commissioners
Crawford County Courthouse
112 East Mansfield Street
Bucyrus, Ohio 44820

Re: Crawford County Landfill
Director's Authorization
Approval
Municipal Solid Waste Landfills
Crawford County
MSWL018774

Mr. Mike Espino
Crawford County Landfill
5128 Lincoln Highway East
Bucyrus, Ohio 44820

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

Dear Commissioners and Mr. Espino:

On May 5, 2021, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Northwest District Office (NWDO) received the document titled, "*Updated Ground Water Monitoring Plan with an OAC Rule 3745-27-10(C)(7)(g) Request to Update the Ground Water Background Database with Statistically Different Data*" (Request), dated May 5, 2021 with revisions dated May 12, 2021. The Request was submitted by Rumpke of Northern Ohio, Inc. and their consultant Mannik & Smith Group, Inc., on behalf of the owner, Crawford County Board of Commissioners, for the Crawford County Landfill (Facility) located at 5128 Lincoln Highway East, in Bucyrus, Ohio. The Request proposes to add statistically significant data to the background databases. This letter regards only a portion of the data requested for inclusion in the statistical background datasets. Ohio EPA's decision regarding the remaining data, as well as the Statistical Plan portion of the submittal, will be documented in separate letters.

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 and concurs that the statistically different data provided in the table below be added to the existing background datasets. Ohio EPA's review determined that the owner/operator has provided sufficient evidence to demonstrate that these statistically different data can be added to the existing background datasets and meets the requirements of OAC Rule 3745-27-10(C)(7)(g). Therefore, Ohio EPA approves the Request pursuant to OAC Rule 3745-27-10(C)(7)(g) for Crawford County Landfill for the following data.

Well	Parameter	Concentration (mg/L)	Date
PZ-1	ammonia	0.27	9/30/2009
		0.27	10/2/2009
	arsenic	0.0097	9/19/2018
	potassium	7.4	3/14/2013
		6.1	3/18/2014
sodium	38	3/23/2009	
zinc	0.062	9/19/2018	
	arsenic	0.013	8/21/1996
NS-3	zinc	0.055	9/16/2010
	P-4R	potassium	13.1
19.5			11/16/2018
13.9			9/29/2020
17.1			11/2/2020
P-5	barium	0.249	9/17/2018
		0.254	9/12/2019
		0.290	10/23/2019
		0.230	9/30/2020
		0.242	11/2/2020
chloride	31.8	9/12/2019	
	38.1	9/30/2020	
	39.3	11/2/2020	
P-7R	barium	0.474	3/17/2015
		0.450	4/21/2015
sodium	200	3/25/2010	
	187	9/30/2015	
P-8RR	barium	0.560	3/24/2010
P-12	barium	0.043	9/18/2014
		0.050	4/11/2020
sodium	156	3/25/2010	
P-15R	sodium	107	3/24/2009
		103	10/1/2009
		102	9/6/2010
		103	9/25/2012
		103	3/19/2014
		105	4/5/2017
PZ-24D	zinc	0.020	9/18/2018

P-25	ammonia	1.40	9/17/2019
		1.46	10/23/2019
		1.43	4/1/2020
		1.58	5/13/2020
		1.48	9/30/2020
	barium	1.67	11/2/2020
		0.012	3/28/2014
		0.013	9/19/2018
		0.013	11/6/2018
	potassium	0.011	4/2/2019
		16.1	9/30/2020
	sodium	16.6	11/2/2020
		187	4/1/2020
		184	5/13/2020
		202	9/30/2020
207		11/2/2020	

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

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If you have any questions concerning this letter, please contact William (Pete) Sokoloski of Ohio EPA, NWDO at 419-373-4100.

Sincerely,

Shannon Nabors

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

ec: Eric Van Heyde, Mannik & Smith Group, Inc.
Steve Jozwiak, Crawford County Health Department
Matt Overbeck, Rumpke
Jeremy Carroll, DMWM-CO
Mary Ann Miller, DMWM-NWDO
Mike Reiser, DMWM-NWDO
Ken Brock, DMWM-NWDO

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