



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

DECEMBER 17, 2019

Mr. Nathan W. Taylor
Environmental Manager
Republic Services, Inc.
2946 US Highway 68 North
Bellefontaine, OH 43311

Re: Cherokee Run Landfill
Director's Authorization
Approval
Municipal Solid Waste Landfills
Logan County
MSWL018815

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

Dear Mr. Taylor:

Ohio EPA DEC 17 '19
Entered Directors Journal

On October 28, 2019, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Southwest District Office (SWDO) received a request dated October 25, 2019, titled "OAC Rule 3745-27-10(C)(7)(g) Request to Update Background Datasets CEC Project 122-282." The document was submitted in accordance with OAC Rule 3745-27-10(C)(7)(g) by Civil and Environmental Consultants, Inc., on behalf of Republic Services, Inc. (Republic), and requested to update the background data representing the background water quality at monitoring wells MW-4, MW-9, MW-11, MW-12, MW-22, MW-23, MW-26, and MW-27 at Cherokee Run Landfill (Facility) located at 2946 U.S. 68 North, Bellefontaine, 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.

Republic has proposed using the enclosed statistically significant data from monitoring wells MW-4, MW-9, MW-11, MW-12, MW-22, MW-23, MW-26, and MW-27 as part of the Facility's background data.

Well	Parameter	Sample Date	SSI Result (mg/L)	ASD Approved / Acknowledged	Current Background Date Range	Proposed Background Date Range
MW-4	Chloride	4/16/2015	16	Yes	10/5/1994 to 9/24/2014	4/16/2015 to 3/19/2019
		9/24/2015	16	Yes		
		6/2/2015	16	Yes		
		3/23/2016	16	Yes		
		3/23/2017	16	Yes		
		9/25/2017	15.7	Yes		

Cherokee Run Landfill

MSWL018815

Page 2 of 3

		3/21/2018	17.1	Yes		
		9/25/2018	16.4	Yes		
		3/19/2019	17.2	Yes		
MW-9	Chloride	3/22/2016	9.4	Yes	10/6/1994 to 9/24/2014	4/16/2015 to 3/20/2019
		4/28/2016	12	Yes		
		9/21/2016	9.2	Yes		
		3/22/2017	8.8	Yes		
		9/26/2017	9.0	Yes		
		3/20/2018	9.9	Yes		
		9/26/2018	9.1	Yes		
		3/20/2019	9.8	Yes		
MW-11	Ammonia	3/23/2016	0.11	*	9/14/2000 to 9/24/2014	9/14/2000 to 3/20/2019
MW-12	Chloride	9/24/2015	36	Yes	10/5/1994 to 9/24/2014	10/5/1994 to 4/30/2019
		11/3/2015	36	Yes		
		3/23/2016	37	Yes		
		9/21/2016	36	Yes		
		3/21/2017	38	Yes		
		9/27/2017	37.7	Yes		
		3/21/2018	37.6	Yes		
		9/26/2018	38.5	Yes		
		3/20/2019	43.2	Yes		
MW-22	Chloride	4/16/2015	69	Yes	8/14/2000 to 11/11/2014	8/14/2000 to 3/20/2019
		6/3/2015	73	Yes		
		9/25/2015	77	Yes		
		11/3/2015	81	Yes		
		9/21/2016	64	Yes		
	Potassium	9/26/2017	4.2	Yes	3/19/2001 to 9/24/2014	3/19/2001 to 3/20/2019
		11/16/2017	4.6	Yes		
		3/20/2018	4.0	Yes		
		5/4/2018	4.3	Yes		
		9/26/2018	5.4	Yes		
		3/20/2019	2.7	Yes		
MW-23	Chloride	3/21/2018	127	Yes	5/18/2000 to 9/24/2014	5/18/2000 to 3/20/2019
	Sodium	9/26/2018	35.7	Yes	5/18/2000 to 9/24/2014	5/18/2000 to 4/30/2019
		11/6/2018	36	Yes		
		3/20/2019	48.6	Yes		
MW-26	Chloride	4/30/2019	43.4	Yes	5/18/2000 to 9/25/2014	9/25/2014 to 3/20/2019
		9/21/2016	4.9	Yes		
		3/22/2017	5.3	Yes		
		9/27/2017	5.4	Yes		
		3/21/2018	4.7	Yes		
		9/26/2018	4.7	Yes		
MW-27	Sodium	3/20/2019	5.0	Yes	5/18/2000 to 9/24/2014	5/18/2000 to 9/27/2018
		3/21/2018	4.4	Yes		
		5/4/2018	4.7	Yes		

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 Matthew Justice of Ohio EPA, SWDO at (937) 285-6040.

Sincerely,



Bonnie Buthker
Chief, Southwest District Office
for Laurie A. Stevenson
Director, Ohio EPA

ec: Michelle Ackenhausen, DMWM, SWDO
Jeremy Carroll, DMWM, CO
Tim Smith, Logan County Health District