



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

DECEMBER 18, 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, Non-contiguous Lateral Expansion (NCLE)
Ohio Administrative Code (OAC) Rule 3745-27-10(C)(7)(g) Approval**

Dear Mr. Taylor:

Ohio EPA DEC 18 '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-W5S, MW-W5D, MW-W7D, MW-W9S, MW-W10S 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 following statistically significant data from monitoring wells MW-W5S, MW-W5D, MW-W7D, MW-W9S, MW-W10S as part of the Facility's background data.

Well	Parameter	Date	SSI Result (mg/L)	ASD Approved/ Acknowledged	Current Background Date Range	Proposed Background Date Range
MW-W5S	Chloride	9/20/2016	6	Yes	5/02/2014	9/23/2015
		3/19/2019	5.6	Yes	to	to
		4/30/2019	5.5	Yes	12/08/2015	4/30/2019
	Sodium	9/20/2016	9.3	Yes	5/02/2014	5/02/2014
		11/07/2016	12	Yes	to 12/08/2015	to 3/19/2019

Well	Parameter	Date	SSI Result (mg/L)	ASD Approved/ Acknowledged	Current Background Date Range	Proposed Background Date Range
	Copper	9/25/2018	5.1	Yes	5/02/2014 to 1/14/2016	5/02/2014 to 3/19/2019
	Nickel	9/20/2016	1.7	*	5/02/2014 to 12/08/2015	5/02/2014 to 4/30/2019
		3/19/2019 4/30/2019	1.1 1.2	Yes Yes		
MW-W5D	Chromium	3/21/2017 9/26/2017	1.3 1.7	* *	4/30/2014 to 12/08/2015	4/30/2014 to 3/19/2019
	Copper	9/26/2017	1.1	*	4/30/2014 to 12/08/2015	4/30/2014 to 3/19/2019
	Nickel	9/26/2017	1.8	*	4/30/2014 to 12/08/2015	4/30/2014 to 3/19/2019
MW-W7D	Chloride	3/20/2018	26	Yes	5/01/2014 to 12/09/15	5/01/2014 to 3/20/19
		9/26/2018	26.1	Yes		
		3/20/2019	25.2	Yes		
MW-W9S	Sodium	3/20/2019 4/30/2019	12.7 12.8	Yes Yes	4/30/2014 to 12/09/2015	4/30/2014 to 4/30/2019
	Copper	3/21/2017	1.6	*	4/30/2014 to 12/09/2015	4/30/2014 to 3/20/2019
	Nickel	3/22/2016	1.1	*	4/30/2014 to 12/09/2015	4/30/2014 to 4/30/2019
		9/21/2016	1.7	Yes		
		11/7/2016	1	Yes		
		3/20/2019 4/30/2019	1.1 1.1	Yes Yes		
	Potassium	9/21/2016	1.8	Yes	4/30/2014 to 12/09/2015	7/22/2014 to 4/30/2019
		11/7/2016	1.8	Yes		
		9/26/2018	1.7	Yes		
		3/20/2019 4/30/2019	1.7 1.7	Yes Yes		
MW-W10S	Chloride	3/20/2019	147	Yes	5/05/2014 to 12/08/2015	5/05/2014 to 4/30/2019
		4/30/2019	198	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

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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,

A handwritten signature in dark ink, appearing to read "Bonnie Buthker", with a long horizontal stroke extending to the right.

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