



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

NOVEMBER 26, 2018

Mr. Peter Lucas, P.E.  
District Engineer  
Waste Management, Inc.  
2460 S. Gettysburg Avenue  
Dayton, Ohio 45417

Re: Stony Hollow Landfill Inc.  
Director's Authorization  
Approval  
Municipal Solid Waste Landfills  
Montgomery County  
MSWL018749

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

Dear Mr. Lucas:

Ohio EPA NOV 26 '18  
Entered Directors Journal

On September 21, 2018, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Southwest District Office (SWDO) received a request, dated September 20, 2018, titled "Statistical Analysis Program for Groundwater Quality Detection Monitoring, Revision 12". The document was submitted in accordance with OAC Rule 3745-27-10(C)(7)(g) by Waste Management, Inc. (Owner). Eagon & Associates, Inc. prepared the document on behalf of the Owner, and requested to update the background data group representing the background water quality at monitoring wells: MW-6RR for ammonia, chloride, potassium and sodium, MW-8RR for ammonia, MW-9SR for potassium, MW12R for ammonia, and MW-13S for iron at Stony Hollow Landfill, Inc. (Facility) located at 2460 South Gettysburg Road, Dayton, 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 has been statistically compared to the current background data and no statistical differences are detected, unless another method is deemed acceptable to the director.

Waste Management, Inc. has proposed using the following statistically significant data from MW-6RR, MW-8RR, MW-9SR, MW-12R, and MW13S as part of the Facility's background data.

WELL	ZONE	PARAMETER	DATE	RESULT(S) (mg/L)	ASD approval mechanism *	OLD BACKGROUND	NEW BACKGROUND
MW-6RR	Upper Aquifer System (UAS)	Ammonia	3/2018	3.79	1 of m	11/2014- 6/2015	11/2014 – 4/2018
			8/2015	729	ASD		
			9/2015	636	ASD		
			3/2016	528	1 of m		
			10/2016	636	1 of m		
			5/2017	747	1 of m		
			9/2017	707	ASD		
			10/2017	639	ASD		
			3/2018	669	ASD		
		4/2018	773	ASD			
		Potassium	3/2018	31.0	ASD	11/2014- 6/2015	11/2014 – 4/2018
			4/2018	35.9	ASD		
Sodium	5/2017	406	1 of m	11/2014 – 4/2018	11/2014 – 4/2018		
MW-8RR	UAS	Ammonia	3/2018	31.0	ASD	12/1997 – 6/2016	12/1997 – 4/2018
			4/2018	35.9	ASD		
MW-9SR	UAS	Potassium	9/2017	2.1	1 of m	11/2008 – 6/2016	11/2008 – 4/2018
MW-12R	UAS	Ammonia	3/2018	1.35	1 of m	1/2006 – 6/2016	1/2006 – 4/2018
MW-13S	UAS	Iron	9/2017	4.73	1 of m	11/2008 – 6/2016	11/220 – 4/2018
			3/2018	4.99	ASD		
			4/2018	5.01	ASD		

\* “1 of m” is approval under OAC 3745-27-10 (D)(7)(c)(i) ; “ASD” is approval under OAC 3745-27-10 (D)(7)(c)(ii).

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 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, 4<sup>th</sup> Floor  
Columbus, Ohio 43215

If you have any questions concerning this letter, please contact Jay Cavender of Ohio EPA, DMWM, SWDO at (937) 285-6448.

Sincerely,



Bonnie Buthker  
Chief, Southwest District Office  
for Craig W. Butler  
Director, Ohio EPA

ec: Maria Lammers, DMWM, SWDO  
Jeremy Carroll, DMWM,CO  
Kenton Domer-Shank, Public Health - Dayton and Montgomery County  
Peter Lucas, Stony Hollow Landfill