

SWMP
 Bridgeton LF
 # 118912, St. Louis
 GWM



Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

www.dnr.mo.gov

OCT 22 2015

Mr. Brian Power
 Republic Services, Inc.
 13570 St. Charles Rock Road
 Bridgeton, MO 63044

RE: Semi-Annual Groundwater Sampling including Quarterly Groundwater Assessment Monitoring, Bridgeton Sanitary Landfill, Permit Number 0118912, St. Louis County

Dear Mr. Power:

This letter serves as the Missouri Department of Natural Resources' Solid Waste Management Program's (SWMP's) notice of required split samples from the Bridgeton Landfill's November 2015 semi-annual groundwater sampling including samples collected from wells under quarterly assessment monitoring, all of which are required by 260.225 RSMo, 10 CSR 80-3.010 and the department's July 30, 2014 letter. Additionally, pursuant to paragraph 51.C. of the First Agreed Order and 260.225 RSMo, static groundwater levels are required to be measured and reported from all sampled piezometers or wells prior to sample collection along with those samples/measurements detailed in the below table:

Location	Samples	Samples and Static Groundwater Levels	Static Groundwater Levels Only
PZ-116-SS		X	
PZ-202-SS		X	
PZ-203-SS		X	
MW-1204		X	
PZ-103-SS		X	
PZ-107-SS			X
PZ-206-SS			X
LCS-1D	X		
LCS-2D	X		
LCS-3D	X		
LCS-4B	X		
LCS-5A	X		
LCS-6B	X		

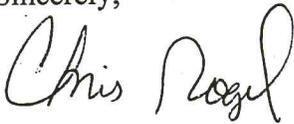
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If on the sampling date, samples are unable to be safely taken directly from the leachate collection sumps (LCS) or result in operational failure of the LCS, identified above, this shall be communicated to DNR staff observing the sampling process and the required samples shall be collected from the nearest safe sampling point to the LCS.

The SWMP is requiring Bridgeton Landfill to complete the sampling during the first week of November, 2015 (i.e., Nov. 2-6). Bridgeton Landfill shall provide 5 business days' notice of the start date of the sampling event. During this same week, the department plans to conduct groundwater sampling of the five (5) State of Missouri groundwater monitoring wells located outside the property boundary of Bridgeton Landfill. The opportunity to collect split samples from these wells will be made available to Bridgeton Landfill in the same manner as provided during the August 2015 split sampling event. The department's samples will be evaluated for constituents as detailed in Appendix I and Appendix II of 10 CSR 80-3.010 and dissolved radium 226 (Ra226, dissolved, pCi/L), dissolved radium 228 (Ra228, dissolved, pCi/L), total radium 226 (Ra226, total, pCi/L), total radium 228 (Ra228, total, pCi/L), thorium 230 (Th230, pCi/L), uranium 234 (U234, pCi/L), uranium 235 (U235, pCi/L), uranium 238 (U238, pCi/L).

If you have any questions and to provide notice of the sampling event, please contact Brenda Ardrey at (573) 526-9940 (office), (573) 301-2601 (cell) or via e-mail at brenda.ardrey@dnr.mo.gov.

Sincerely,



Chris Nagel
Director

CN:bam

c: Mr. Tom Phillips, Missouri Attorney General's Office
Mr. William "Bill" Beck, Lathrop & Gage
Ms. Ally Cunningham, Lathrop & Gage
Ms. Brenda Ardrey, DNR-SWMP