



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

## DEPARTMENT OF NATURAL RESOURCES

www.dnr.mo.gov

JAN 27 2016

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

RE: Interceptor Trench Proposed Modifications, Bridgeton Landfill, Permit Number 0118912,  
St. Louis County

Dear Mr. Power:

This letter is in response to a submittal for Bridgeton Landfill titled "Interceptor Trench Proposed Modifications", dated August 2015 and related August 31, 2015 cover letter received by the Missouri Department of Natural Resources' Solid Waste Management Program (SWMP), via e-mail September 3, 2015, from Aaron L. Karlas, P.E., Feezor Engineering, Inc. The submittal consisted of a one page cover letter and a four page drawing set.

This modification was for installation of two (2) additional extraction sumps to increase liquid removal capacity and intended to improve the efficiency of the landfill gas interceptor trenches adjacent to the South Quarry. As off-site landfill gas migration above 2.5% by volume is a compliance issue and as these extraction sumps are intended to better control gas migration from the Bridgeton Landfill, following discussions and with verbal approval to proceed from SWMP staff, installation of the sumps was completed.

The SWMP has reviewed the submittal for compliance with the Solid Waste Management Law and regulations and hereby provides written approval of the modifications to the interceptor trenches with the following conditions:

### CONDITIONS:

1. Two (2) copies of the submittal with full size as-built drawings to be submitted within 30 days of the modification completion.
2. The submittal shall be signed and sealed by a professional engineer registered in the state of Missouri.
3. Clearly detail on the as-built whether new sump #1 replaces existing sump TS-3 and if sump #1 will function as a sump for both the southeast and the southwest interceptor trenches.

Mr. Brian Power  
Bridgeton Landfill  
Page 2

The following document is hereby incorporated into Permit Number 0118912:

**DOCUMENT:**

“Interceptor Trench Proposed Modifications”, dated August 2015 and related August 31, 2015, cover letter received by the SWMP via e-mail on September 3, 2015, from Aaron L. Karlas, P.E., Feezor Engineering, Inc.

This approval is not to be construed as compliance with any existing federal or state environmental laws; nor should this be construed as a waiver of any regulatory requirement. This approval is not to be construed as compliance with any existing local permitting or zoning ordinances; nor does it supersede any local permitting and/or zoning requirements.

The department reserves the right to revoke, suspend, or modify this approval and/or Permit Number 0118912 after due notice for failure to maintain compliance with the Missouri Solid Waste Management Law and regulations, the terms and conditions of the permit and approved engineering plans and specifications.

If you have any questions or comments, please contact Mr. J. P. Boessen, of my staff at (573) 526-3940 or at P.O. Box 176, Jefferson City, MO 65102-0176.

Sincerely,

SOLID WASTE MANAGEMENT PROGRAM



Charlene S. Fitch, P.E.  
Chief, Engineering Section

CSF:jbl

- c: Ms. Thais Folta, Attorney General's Office
- Ms. Brenda Ardrey, Chief, Operations Section, SWMP
- Mr. Larry Lehman, Chief, Compliance/Enforcement Section, SWMP
- Ms. Laura Yates, St Louis County Department of Public Health
- Mr. Joe Trunko, St. Louis Regional Office via Electronic Shared File