



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

DEPARTMENT OF NATURAL RESOURCES

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DEC 07 2015

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

RE: December 2015 Landfill Gas Enhancements, Bridgeton Landfill, Permit Number
0118912, St. Louis County

Dear Mr. Power:

This letter is in response to two submittals for Bridgeton Landfill titled "December 2015 Landfill Gas Enhancements", both dated November 2015 as well as cover letters dated November 24, 2015, and December 2, 2015. Both submittals were received via e-mail by the Missouri Department of Natural Resources' Solid Waste Management Program (SWMP). The first submittal on November 24, 2015, and the second on December 2, 2015; both submittals were stamped by Daniel Feezor, P.E., Feezor Engineering, Inc. along with cover letters signed by Brian Power, Bridgeton Landfill, LLC. Each submittal consisted of a one page cover letter and a four page drawing set.

The November 24, 2015, modification results in installation of eight (8) new gas extraction wells: GEW-1A and GEW-2S in the northeast corner of the North Quarry; GEW-157 and GEW-158 in the northeast portion of the South Quarry, GEW-159, GEW-160, GEW-161 and GEW-162 south of the neck area in the South Quarry and four (4) new extraction sumps. The December 2, 2015, modification adds GEW-4S in the northeast corner of the North Quarry. As stated in the submittals, the facility is installing these new GEWs and sumps as a part of the facility's ongoing landfill gas corrective action plan; the work is being completed in conjunction with the North Quarry Enhancements project; and the wells and sumps are expected to improve the efficiency of gas collection and condensate management at the facility.

The SWMP has reviewed both submittals for compliance with the Solid Waste Management Law and regulations and hereby approves the modifications listed above, which add nine (9) new GEWs and four (4) extraction sumps with the following conditions:

CONDITIONS:

1. Within 30 days of the date of this letter, Bridgeton Landfill shall provide two (2) copies of the "December 2015 Landfill Gas Enhancements" along with full size as-built drawings incorporating all modifications contained in both submittals.

Mr. Brian Power
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2. The submittals shall be signed and sealed by a professional engineer registered in the state of Missouri.

The following documents are hereby incorporated into Permit Number 0118912:

DOCUMENTS:

1. Cover letters dated November 24, 2015 and December 2, 2015 submitted by Brian Power, Bridgeton Landfill LLC.
2. A copy of each of the "December 2015 Landfill Gas Enhancements", both dated November 2015, with one received via e-mail on November 24, 2015, and the other received on December 2, 2015. The plan sheets were stamped by Daniel Fezor, P.E., Fezor 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 me 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:ld

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