



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

DEPARTMENT OF NATURAL RESOURCES

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FEB 04 2015

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

RE: Installation Plan for Temperature Monitoring Probes -30, -31, and -32, Bridgeton Landfill,
L.L.C., Permit Number 0118912, St. Louis County

Dear Mr. Power:

This letter is in response to a two (2) page letter submittal, from you, dated February 2, 2015, responding to a Missouri Department of Natural Resources' Solid Waste Management Program (SWMP) January 29, 2015, approval letter with Conditions. Bridgeton Landfill originally submitted a six (6) page drawing work plan titled "Fourteen Additional Temperature Monitoring Probes", dated December 2014, prepared by Feezor Engineering, Inc. and received by the SWMP via e-mail on January 2, 2015.

The submittal sought approval for installation of a total of fourteen (14) proposed temperature monitoring probes (TMPs). Nine (9) of the TMPs were previously approved by the department on November 12, 2014, with two (2) of these approved for relocation on January 16, 2015, and two (2) additional TMPs -3R and -4R approved on January 29, 2015. The January 29, 2015, approval letter's Condition 3 required submittal of an abandonment plan prior to installation of TMPs -30, -31 and -32 and that such plan provide specific details on how an incomplete TMP would be abandoned should completion prove infeasible. The submittal received from Bridgeton Landfill on February 2, 2015, completes Condition 3. At the time a determination is made that any of the three (3) proposed TMPs -30, -31 and -32 cannot be completed, Bridgeton Landfill must immediately notify the department.

This letter provides the department's approval for immediate installation of TMPs -30, -31 and -32 to be located in the South Quarry of the Bridgeton Landfill with the conditions stated below. The submittal was reviewed in accordance with the Missouri Solid Waste Management Law and regulations.

The SWMP hereby **approves** the installation of TMPs -30, -31 and -32 at the Bridgeton Landfill with the following conditions. Compliance with these conditions will, in part, determine compliance with Solid Waste Disposal Area Permit Number 0118912.

CONDITIONS:

1. The new TMPs must allow for monitoring of temperatures in the same range as the currently installed and monitored TMPs which incorporate a type T thermocouple with an approximate temperature range of -300° F to 600° F.
2. Plan sheet number 004 shows installation of thermocouple switch boxes. Please ensure that the "boxes" are placed in a timely fashion to ensure the integrity of the thermocouple wires.

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The following documents were reviewed and are hereby incorporated into permit number 0118912:

DOCUMENTS:

1. "Fourteen Additional Temperature Monitoring Probes", dated December 2014, and received by the SWMP via e-mail on January 2, 2015. The submittal consisted of a 2 page cover letter from Bridgeton Landfill, LLC, dated December 31, 2014, and a set of six (6) plan sheets prepared by Feezor Engineering, Inc. for Bridgeton Landfill, LLC, dated December 2014.
2. "Response to January 29, 2015 letter, TMP's-30, -31, and -32", dated February 2, 2015, and received by the SWMP via e-mail on February 2, 2015. The submittal consisted of a 2 page letter responding to conditions in the department's January 29, 2015, letter.

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 for any other regulatory requirements. 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, if the permit holder fails to maintain the facility in compliance with the Missouri Solid Waste Management Law and regulations, the terms and conditions of the permit, and the approved engineering plans and specifications.

We appreciate your continued cooperation in this matter. 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:jbl

- c: Mr. Bill Beck, Lathrop & Gage
Mr. Larry Lehman, Chief, Compliance/Enforcement Section, SWMP
Mr. Joe Trunko, St. Louis Regional Office
Ms. Brenda Ardrey, Chief, Operations Section, SWMP
Mr. Tom Phillips, Attorney General's Office
Daniel Feezor, P.E., Feezor Engineering, Inc.