



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

DEPARTMENT OF NATURAL RESOURCES

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AUG 27 2013

Mr. Brian Power
Environmental Manager
Bridgeton Landfill, LLC
13570 St. Charles Rock Road
Bridgeton, MO 63044

RE: Temperature Monitoring Probes, Bridgeton Landfill, Permit Number 0118912,
St. Louis County

Dear Mr. Power:

This letter serves as formal notice of the Missouri Department of Natural Resources' (Department) requirement for immediate installation of three (3) additional Temperature Monitoring Probes (TMPs) at Bridgeton Landfill. This notice is made per Paragraph 20 of the First Agreed Order, which states "The Department may require the installation of additional Temperature Monitoring Probes, or alternative monitoring equipment, along with expanded settlement monitoring, as reasonable and necessary to monitor the Subsurface Smoldering Event."

The Department is in receipt of your most recent data package, received on August 20, 2013, and required by the First Agreed Order. Upon review of recent submittals related to the ongoing subsurface smoldering event (SSE), the Department has observed current conditions to include increased temperatures at both gas interceptor wells and temperature monitoring probes, along with increases in carbon monoxide readings at gas extraction wells in the neck area. This indicates the SSE continues to progress toward and potentially impact the first row of gas interceptor wells and other landfill infrastructure. During recent discussions between the Department and Republic Services, there has been an identified data gap in the area along the east and west walls of the neck. This gap necessitates improved monitoring to ensure adequate tracking of any northern SSE movement. As proposed by Republic Services in the submitted Contingency Plan – Part 2, the Department concurs that placement of TMPs #26, #27, and #28 will provide improved coverage in this area.

The Department finds any further delay in installation of these TMPs may result in conditions, including increased pressure and saturation of waste mass, which could complicate or prevent future installation and result in inadequate monitoring in this area. This item is one component of the complete contingency plan; however, due to the immediate nature and need, this item is being required in advance of a complete and

Mr. Brian Power
Bridgeton Sanitary Landfill
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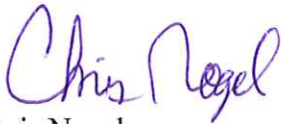
finalized Contingency Plan.

This letter serves as the Department's formal notice pursuant to Paragraph 20 of the First Agreed Order for immediate installation of three (3) additional TMPs, as detailed on the enclosed plan sheet.

If you have any questions or need additional information, please contact me at (573) 751-5401 or at P.O. Box 176, Jefferson City, Missouri 65102-0176.

Sincerely,

SOLID WASTE MANAGEMENT PROGRAM



Chris Nagel
Director

CN/ld

Enclosure

- c: Mr. Timothy Stark, Stark Consultants
Mr. Todd Thalhamer, Hammer Consulting Service
Ms. Dorothy Franklin, Director, St. Louis Regional Office
Ms. Mary Mulhearn, Attorney General's Office
Charlene S. Fitch, P.E., Chief, Engineering Section, SWMP
Mr. Larry Lehman, Chief, Compliance/Enforcement Section, SWMP
Ms. Brenda Ardrey, Operations Section Chief, SWMP