



STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

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

www.dnr.mo.gov

MAY 17 2013

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

RE: Temporary Cap and Cap Integrity System, Bridgeton Landfill, Permit Number 0118912,
St. Louis County

Dear Mr. Almanza:

This letter is sent in response to three (3) submittals, sent by you, titled "Temporary Cap and Cap Integrity System-Plan Narrative" (Plan), dated April 11, 2013, revised May 10, 2013; "Response to Missouri Department of Natural Resources-SWMP Comments", dated May 10, 2013, and "Engineering Plans for the Temporary Cap and Cap Integrity System", dated March 2013, revised April 2013, revised May 2013, all received via email by the Missouri Department of Natural Resources' (Department) Solid Waste Management Program (SWMP) on May 11, 2013. The email contained a FTP link to the submittals. The submittals were prepared for you by Cornerstone Environmental Group, Inc. (Cornerstone) and signed and sealed by Adam S. Larky, P.E. and Client Manager and also signed by James Walker, Senior Client Manager and Bruce Schmucker, Client Manager, all of Cornerstone. The response to comments submittal was not signed.

The submittals were in response to SWMP comments issued via email on May 1, 2013.

The Plan details the installation of a flexible membrane liner and additional infrastructure associated with the temporary cap system over the south pit of the landfill affected by the subsurface oxidation event.

The SWMP has reviewed this submittal in concurrence with the St. Louis County Department of Health's (SLCDH) Solid Waste Management Program for substantial compliance with the Missouri Solid Waste Management Law and regulations and SLCDH rules and regulation. The SWMP and SLCDH hereby approve the Temporary Cap and Cap Integrity Plan for Bridgeton Landfill with the following conditions.

Compliance with these conditions shall, in part, determine compliance with Solid Waste Disposal Area Permit Number 0118912.

CONDITIONS:

1. Please submit two (2) hard copies of the emailed submittals, signed and sealed by a Professional Engineer registered in the state of Missouri, to the SWMP and one (1) electronic copy to the SLCDH for our records.
2. Please submit a Construction Quality Assurance (CQA) report for this modification within 60 days of completion of the project. The CQA report, at a minimum, shall include a narrative and signed and sealed as-builts documenting the construction of the Temporary Cap and the Cap Integrity System.
3. Major deviations from the above-referenced Plan should be coordinated with the SWMP. The SWMP understands that this project may require adjustments or changes as field work progresses that may require immediate changes. In these cases, the SWMP should be notified as soon as practical after the change and the changes shall be reported in the CQA report.
4. As stated in the approved Temporary Cap CQA Plan, the SWMP and SLCDH shall be given seven (7) days advance notification prior to the initiation of landfill temporary cover system construction. In addition, notice shall be given for all unexpected delays, problems or events that may cause severe odors.

The SWMP has reviewed the following documents and the hard copies of these documents, when received, will be incorporated into Permit Number 0118912:

DOCUMENTS:

1. A submittal titled "Temporary Cap and Cap Integrity System-Plan Narrative", received by the Missouri Department of Natural Resources' Solid Waste Management Program by email on May 11, 2013, dated May 10, 2013, to the SWMP's Team Bridgeton, prepared by Cornerstone Environmental Group, Inc. and signed and sealed by Adam S. Larky, P.E. and Client Manager.
2. A submittal titled, "Response to Missouri Department of Natural Resources-SWMP Comments", dated May 10, 2013.
3. A set of engineering plans titled "Engineering Plans for the Temporary Cap and Cap Integrity System", dated March 2013, revised April 2013, revised May 2013, prepared by

Mr. Craig Almanza
Bridgeton Landfill
Page 3 of 3

Cornerstone Environmental Group, Inc. and signed and sealed by Adam S. Larky, P.E.
and Client Manager.

This approval is not to be construed as compliance with any existing federal or state environmental laws other than the Missouri Solid Waste Management Law; nor should this be construed as a waiver for any other regulatory requirements of federal or state agencies or departments, including but not limited to EPA and OSHA. 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. Brian Roth-Roffy or Mr. J. P. Boessen, of my staff at (573) 526-3940 or at P.O. Box 176, Jefferson City, Missouri 65102-0176.

Sincerely,

SOLID WASTE MANAGEMENT PROGRAM



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

CSF:jbl

- c: Adam S. Larky, P.E., Client Manager, Cornerstone Environmental Group, Inc.
- Ms. Laura Yates, St. Louis County Department of Health
- Mr. Larry Lehman, Chief, Compliance/Enforcement Section, SWMP
- Mr. Joe Trunko, St. Louis Regional Office