

Missouri Department of Natural Resources
Bridgeton Sanitary Landfill Off-Site Air Monitoring Community Response Plan

Background

The Bridgeton Sanitary Landfill is experiencing a subsurface smoldering event which has intensified, resulting in a significant increase in odor complaints and concern regarding potential contaminants in off-site air. The Missouri Department of Natural Resources currently conducts air monitoring at the site on a daily basis. The department has three AreaRAE locations and meteorological station operating and logging air sampling data at one minute intervals. A department contractor is also conducting off-site air sampling twice a day at approximately 10 locations surrounding the landfill as shown on the attached map (Appendix A).

Confirmation of Concern Process

If off-site daily air monitoring detects levels of concern identified in the Bridgeton Sanitary Landfill Ambient Air Response Action Plan – Department of Health and Senior Services (DHSS), confirmation screening will immediately be conducted to confirm the results of the air monitoring. If the level of concern is confirmed, the department’s staff in the field will immediately contact the department’s Solid Waste Management Program (SWMP) through the main SWMP contact number (573-751-5401) or through the department’s 24-Hour Environmental Emergency Response Spill Line (573-634-2436). SWMP then immediately contacts DHSS to evaluate the air monitoring data.

Upon consultation with DHSS, if the monitoring levels indicate a health concern, SWMP contacts

- the Bridgeton Landfill Task Force members for coordination of any response actions in the community; and
- per Sections 18 and 19 of the First Agreed Order of Preliminary Injunction dated May 13, 2013, the SWMP issues Bridgeton Sanitary Landfill a “Stop Work” order for activities causing a level of concern.

Bridgeton Landfill Task Force Contact List

Republic Services (Bridgeton Sanitary Landfill)
State Emergency Management Agency
St. Louis County Office of Emergency Management
St. Louis County Health Department
Missouri Department of Health and Senior Services
Pattonville Fire Protection District
Bridgeton Police Department
Missouri Department of Natural Resources Solid Waste Management Program
Missouri Department of Natural Resources Environmental Emergency Response
Missouri Attorney General’s Office

Any response actions/notifications to the community will be managed by the local agencies.