

# Bridgeton Landfill LLC

## More Than Three Years of Data: No Public Health Risk Associated with Air Conditions At or Around Landfill

**BRIDGETON, MO (July 1, 2016)** -- The Bridgeton Landfill team provided a summary today of expert analyses on air conditions at and around the site. Since 2012, air conditions have been intensely monitored by scientists, environmental professionals and regulators. These evaluations have involved ambient air downwind, upwind and on-site, as well as detailed chemical analysis of landfill gas testing for more than 170 compounds.

Below is a summary of findings within the past year alone. They are consistent with data from more than three years of comprehensive monitoring, testing and study. All findings demonstrate that there is no public health risk associated with air conditions at and around the site.

Who	What	When
<b>U.S. Environmental Protection Agency (EPA)</b>	EPA's summary of on-site air-monitoring reports from May 2014 through January 2016 concludes that levels of radionuclides and volatile organic compounds (VOCs) detected in air at the adjacent West Lake Landfill "are consistent with urban background levels."  Report available <a href="#">here</a> .	June 28, 2016
<b>Missouri Department of Health &amp; Senior Services (MDHSS)</b>	The most recent available "Review of Air Monitoring Data from the Bridgeton Landfill Area" concludes that levels of hydrogen sulfide, sulfur dioxide, benzene, carbon monoxide and gamma radiation in air samples are below levels of public health concern, consistent with monitoring results dating back to 2013.  All MDHSS air data analyses and reports are compiled and available <a href="#">here</a> .	June 2-6, 2016

<p><b>U.S. Department of Health and Human Services,</b> Agency for Toxic Substances and Disease Registry (ATSDR, which is part of the Centers for Disease Control and Prevention)</p>	<p>Outdoor radon levels are “well below radon concentrations associated with elevated lung cancer risks. There is no evidence that radon produced in the [West Lake] landfill will migrate to residential areas.”</p> <p>Report available <a href="#">here</a>.</p>	<p>October 16, 2015</p>
<p><b>Deborah L. Gray, Ph.D.,</b> certified Diplomate of the American Board of Toxicology, in expert report prepared for Bridgeton Landfill</p>	<p>Expert report concludes that:</p> <ul style="list-style-type: none"> <li>• Chemical constituents of any odors associated with the site “do not pose unacceptable health risks to the surrounding community.”</li> <li>• Remedial measures implemented by landfill team in past three years “have corresponded to a reduction in the concentrations of constituents of concern potentially associated with landfill source gas released to ambient air.” Link <a href="#">here</a>.</li> </ul>	<p>October 30, 2015</p>
<p><b>Bridgeton Landfill team</b></p>	<p>The Landfill team announces it has provided state regulators with data from its July 2015 comprehensive air-sampling event, the fifth comprehensive study and seventh air-sampling event at the site since 2012. Each comprehensive sampling event tested for more than 170 constituents in ambient air on the Landfill property, upwind and downwind from the site, and in gas extracted from the Landfill’s surface.</p> <p>Results from all sampling events show that constituents responsible for any occasional odors at the site do not present a human health risk.</p> <p>The Missouri Department of Health &amp; Senior Services’ analysis of this most recent comprehensive sampling event is available <a href="#">here</a>.</p>	<p>September 19, 2015</p>



Additional details on air monitoring at Bridgeton Landfill, to include data and reporting provided to regulators, is available at: <http://www.bridgetonlandfill.com/air-monitoring>.

### **Weekly Work Update**

In the past week, the Landfill team performed normal maintenance and operations of site systems, as well as continuing preparations for the installation of the heat extraction barrier. This work will continue in the coming week.

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