

**DHSS Review of Air Monitoring Data from the Bridgeton Landfill Area  
February 15 Sampling Event**

The Department of Health and Senior Services reviewed the air sample data and concentrations of volatile organic compounds (VOCs) in the ambient air samples and found that the analyzed gas concentrations did not exceed a level of concern for public health.

Of the 62 VOCs targeted in the analysis, 12 VOCs were detected in downwind samples. Of the 12 VOCs detected, only benzene in the sample collected near the landfill property line exceeded a health-based screening level for chronic (>1 year) exposure. A lower benzene concentration was detected at the sampling location near the residential area, but did not exceed the screening levels for chronic exposure. None of the detected VOCs exceeded health-based screening levels for acute (<14 days) or intermediate (2 weeks – 1 year) exposure.