

**DHSS Review of Air Sample Data from the
Bridgeton Landfill Area, December 15, 2013**

The Department of Health and Senior Services (DHSS) has reviewed air sample data collected for the Department of Natural Resources (DNR) near Bridgeton Landfill on December 15, 2013. Samples were collected at three locations downwind of the landfill for laboratory determination of concentrations of volatile organic compounds (VOCs). Due to winds shifting during the sample collection period, all samples were considered to be from downwind locations; therefore, no samples were designated as upwind samples for this sampling event. DHSS has reviewed this data for evaluation of potential public health concerns of short-term health effects.

VOCs

Concentrations of VOCs were well below levels of public health concern. Downwind of the landfill, 7 VOCs were detected in ambient air, which ranged in concentration from 0.18 parts per billion (ppb) to 5.0 ppb and did not exceed health-based screening levels for acute exposure.