DHSS Review of Air Sample Data from the
Bridgeton Landfill Area, April 13, 2017

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 April 13, 2017. Samples were collected at one location upwind of the landfill and one location downwind of the landfill for laboratory determination of concentrations of volatile organic compounds (VOCs). 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, 8 VOCs were detected in ambient air in concentrations that generally exceeded concentrations detected upwind of the landfill. Downwind VOC concentrations ranged from 0.16 parts per billion (ppb) to 9.8 ppb and did not exceed health-based screening levels for acute exposure.