

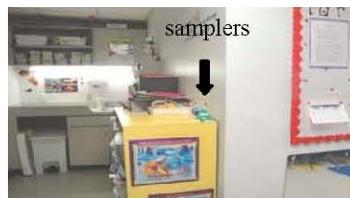
Indoor Air Sampling Conducted at Daycare Facilities and Residential Properties in Wichita

March 30, 2012

BER is working with the City of Wichita and their consultant CDM Smith, Inc., to complete an indoor vapor intrusion assessment for sensitive properties located in the North Industrial Corridor Site in Wichita. A long history of industrialization has left a legacy of volatile organic compounds (VOCs) in soil and groundwater throughout the area, including chlorinated solvents, petroleum-related contaminants, heavy metals, and others. The assessment evaluates the potential for contaminant vapors to migrate into indoor air.

As part of the ongoing site investigation, indoor air samples were collected in January and February 2012 from 46 residences, five daycares, and 17 outdoor air locations. The air samples were collected using passive diffusion samplers that allow for controlled diffusion and collection of VOCs.

All five daycare facilities passed KDHE's Tier 2 levels for VOCs in residential indoor air. A few residential properties showed benzene and chloroform above KDHE's Tier 2 levels. Although it is likely the residential impacts are attributable to outdoor air or chemical products stored within the homes than vapor intrusion, additional testing in the area is ongoing for verification purposes.



All pictures show indoor air samplers located at daycare facilities.