

AUGUST 2013 UPDATE

ENVIRONMENTAL INVESTIGATION, FORMER IBM MANASSAS FACILITY

This fact sheet provides an update on the environmental investigation recently completed by IBM in and near the Bristoe Station community in Manassas, Virginia. The work is part of an ongoing effort by IBM to remove volatile organic compounds (also known as VOCs) that were released during historic operations at a former IBM manufacturing site nearby. VOCs, resulting from solvents commonly used in manufacturing, are present below ground in subsurface air and water near the former IBM facility. The U.S. Environmental Protection Agency (EPA) and Virginia Department of Environmental Quality (VADEQ) are providing regulatory oversight.

Summary of Recent Indoor Air Sampling

Since distributing the last fact sheet in February 2013, IBM collected and analyzed air samples from inside and directly beneath eleven townhomes within the rows of buildings circled in the figure below. The purpose of the sampling was to determine if VOCs in the subsurface were affecting the indoor air in the homes. IBM offered to sample all twenty homes in these two rows. The sampling was conducted in late February within eleven homes where IBM was granted access. The homes sampled included those closest to where higher concentrations of VOCs were previously detected in samples of air and water from below ground, as shown by the magenta dots on the figure below.

Sampling conducted in February included the collection of indoor air, air beneath the basement floor, and outdoor air at each home. The samples were collected over a 24-hour period then shipped to an independent, certified laboratory for analysis.

USEPA reviewed the laboratory data and determined that the VOCs in the subsurface were not affecting indoor air. EPA also determined that any detections of VOCs in indoor air are below EPA guidelines and do not present any health risk. No further sampling of homes is required.

The owners of the eleven townhomes have been notified of the sampling results. Reports summarizing the findings in more detail have been placed in the public information repository and on EPA's website listed below.

Figure 1- Location Plan



Ongoing Work

IBM will continue to operate the remediation systems actively removing VOCs from the ground and controlling migration. The work will include regular monitoring of subsurface air and water to track the progress of remediation.

You may call the IBM project information line if you have questions: **571-377-9840**.

Project information and documents are available at the information repository in the Community Development Office at Manassas City Hall, and at the following EPA website:

http://www.epa.gov/reg3wcmd/ca/IBM_Manassas_V2.html