



IA-06 to the East of the Cuyahoga River and looking North at the Denison Harvard Bridge

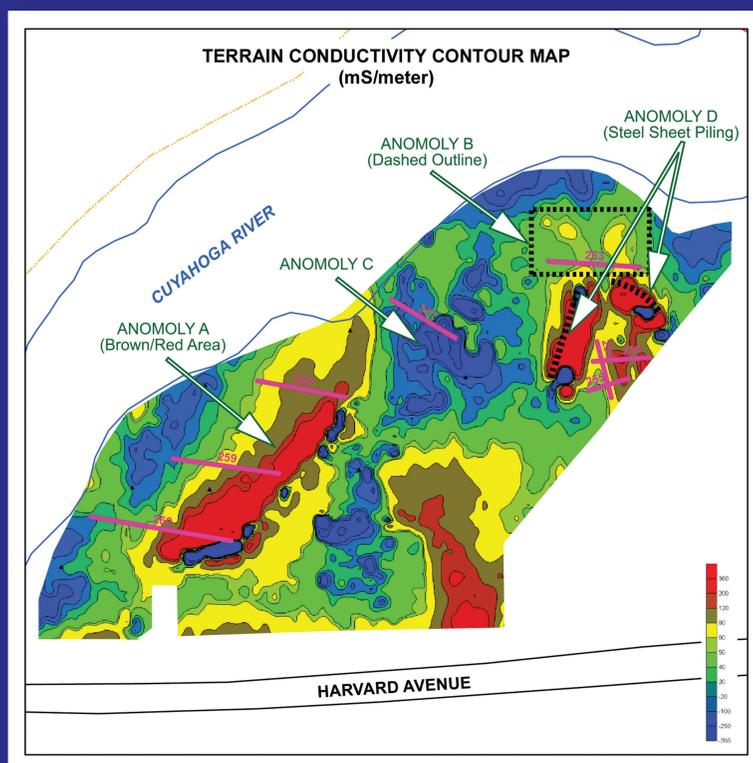


US Army Corps
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Former Harshaw Chemical Company FUSRAP Site

Investigative Area (IA) 06 Soil Characterization

To begin the investigation in IA-06, the Corps performed geophysical surveys using electromagnetic terrain conductivity scans and ground penetrating radar. The geophysical surveys did not indicate the presence of underground utilities, tanks or other storage containers, or building foundations. Four anomalies were detected as shown on the figure to the right. Anomalies depict changes in soil properties such as sand and clay. Soil borings taken in these areas had no Manhattan Engineer District/Atomic Energy Commission material in the results. Anomaly D was investigated and verified to be a steel sheet pile wall.



The Corps performed a gamma walkover survey using a field instrument for the detection of low energy radiation to characterize gamma radiation levels across IA-06 and identify any elevated locations for collection of soil borings. The yellow and red dots near the south-central portion of IA-06 shown in the figure to the left indicate gamma readings above normal levels for the area.

The green dots in this photograph demonstrate the locations of soil samples taken based on the results of the previous surveys pictured above. Localized soil impacts are thought to be the result of fill material and debris. The highest sampling detection results are well below acceptable levels for recreational land use, the reasonably anticipated future land use for IA-06.

