



**United States Environmental Protection Agency
One Congress Street, Suite 1100
Boston, MA 02114-2023**

Soil Sample Results and Upcoming Soil Removal Activities

- On November 6, EPA collected subsurface soil samples from three locations within the vegetated area in the far southeast corner of the Allendale School grounds. These samples were collected as a follow-up to recent subsurface soil samples collected on GE property, adjacent to the school yard, as part of GE's ongoing sampling efforts.
- Samples were collected from depths of 1-3 feet and 3-6 feet at each location, for a total of six samples. The samples were analyzed by EPA's lab and PCBs were detected in all six samples. At the sampling location closest to GE property (SSL-3), the total PCB levels were 33 ppm (1-3 feet) and 14 ppm (3-6 feet). Results from the other two locations were 0.14 ppm and 0.19 ppm (SSL-1), and 3.1 ppm and 2.5 ppm (SSL-2). These levels of PCBs in soil below the ground surface pose no health risk to Allendale School students, faculty or nearby residents. Previous sampling in this area indicates no PCB levels within the top foot of soil above 2 ppm. This soil contamination is not associated with the Hill 78 OPCA. The contamination appears to be the result of the historic placement of fill material.
- Although there is no health risk in this area, EPA requested that GE remove these soils to avoid the need for any restrictions on the future use of this area.
- The proposed removal encompasses an area approximately 96 feet by 64 feet in size to a depth of 6 feet. Approximately 1,300 cubic yards of soil will be removed and disposed in the Hill 78 OPCA. A figure depicting the proposed excavation area is on the back of this page.
- Following construction of a temporary fence around the work area, GE and its contractor will enter the area from GE property along Tyler Street Extension. Removal activities will include the excavation of soils using a backhoe and the transport of the soil away from the school grounds. Following excavation, the area will be restored with clean fill to its pre-excavation conditions.
- EPA has consulted with City, State, and school officials regarding the sample results and soil removal activities.
- EPA will collect a 24-hour continuous PCB air monitoring sample once per week during excavation activities. GE and its contractor will begin constructing the temporary fence and excavating on December 17. During excavation, pumps may need to be operated overnight to keep the excavation area dry. The excavation and backfill activities are expected to be completed in two to three weeks.
- Again, there is no health risk associated with the soil or with the proposed excavation activities. If you have any questions for EPA, call (888) 372-7341 (toll free) and ask for Skip Hull, EPA Project Manager, ext 81882.

LEGEND

- CATCH BASIN
- DRAIN MANHOLE
- EDGE OF NEW BATIMINOUS SURFACE
- CHAIN LINK FENCE
- GUARDRAIL
- EXISTING CONTOURS
- REGENERATION LIMITS
- BRANCH
- ▨ CRUSHED STONE TRACK
- NEW DECIDUOUS TREE
- NEW CONIFEROUS TREE
- HISTORIC SUBSURFACE SAMPLE LOCATION
- ASB-11
- ⊗ SSL-3
- ⊗ SSL-1
- ⊗ SSL-2
- ⊗ SSL-3
- ⊗ MERTON SUBSURFACE SAMPLE LOCATION

