



**McCoy Field – EPA - Phase II Site Delineation/Characterization
Coordination Meeting at DEP - SERO**

July 28, 2004

Subject: EPA - Phase II Work Plan

Project # 02685

Location: DEP –SERO, Lakeville, MA.

Attendees: Kim Tisa, USEPA; Girard Martin, DEP BWSC; Cyndee Fuller, ESS Group, Inc.; Jackie Huggins, BETA; Al Hanscom, BETA

The following items were discussed at a working meeting on Wednesday, July 28th at the DEP Offices in Lakeville. The purpose of the meeting was to discuss pertinent waste characterization, delineation and closure sampling requirements and associated protocols and QA/QC requirements.

In-Situ Waste Characterization Areas

1. Deep trench excavation requiring trench box installation (up to 16 feet wide and 13 feet deep) to enable deep utility installations and other activities requiring workers to enter the excavation areas (i.e. North detention basin, elevator shaft);
2. Shallow trench excavation not requiring trench box installation or other structural support (i.e. grade beams and shallow utilities);
3. Large open excavation areas at locations of proposed detention basins at the south end of the site;
4. Isolated locations for proposed pile caps, lamp supports, etc. not requiring workers to enter the excavation areas; and
5. Large open, shallow excavation areas across the site that do not require structural support of the side slopes (remainder of project site).

Peripheral Areas of the Site (PCBs, PAHs, metals)

1. High School lawn area
2. South End of site, along Nemasket (paper) Street
3. Durfee Street residential area
4. Wetlands area

Miscellaneous Contract Provisions

- H&S Provisions
- Site Clearing and grubbing
- Dust Control & Monitoring
- Warning barrier
- Geotextile fabric
- Working Mat for pile driving
- Site security
- Decontamination of transport vehicles
- Bladder bags/poly wrap within transport vehicles

Sampling Protocols

Delineation/Characterization

- In-situ sampling to depth of encountered fill layer, including surface samples
- 6-inch versus 12-inch intervals
- Grid intervals to start at 10 or 20 feet; close, depending upon first round results
- Exceed waste receiving facility requirements (analytical parameters and frequency)
- MDL for wetlands sediment to be on the order of 10 ug/kg (ppb)
- Collect samples for carbon content also

Closure

- For areas under three feet of clean fill, no closure sampling required, unless in-situ characterization results > UCL (100 mg/kg)
- For surface soil at periphery of site, collect samples at 20 foot frequency, depth interval(s) to match depth of wastes removed
- Supplemental sampling required for background levels of contamination in sediments

QA/QC Requirements

- Substantially identical to prior Phase I requirements
- Data validation – similar to above

Target Cleanup Level for PCBs

- **1 mg/kg** (outside resource areas)...per TSCA requirements
- Target cleanup levels to be developed for areas within resource areas by Cyndee
- Statistical analysis - % certainty and standard deviation

Scheduled Items (interim milestones)

- Addendum #1 to be issued by MVG for Phase II Bidding Documents
- BETA to fast-track environmental sampling at pile caps, grade beam and clean corridor areas
- Next PIP meeting at Keith Library on August 11th
- BETA to finalize Phase II Work Plan by August 12th
- Kim Tisa to return from vacation on August 16th
- Bids to be received for Phase II Construction on August 18th
- DEP/EPA review of Phase II Work Plan ASAP; approval by August 23rd requested
- Phase II construction to start September 13+/-
- ADH/CF to prepare detailed application for Risk Based Cleanup....761.61(a)(3)

Other Items

- Kim requested copies of available aerial photographs that may help identify location of waste piles created circa 1970, when waste were relocated from site of current High School.
- City may elect to proceed at risk with certain portions of the remediation program, provided that some form of separation is placed.
- EPA/DEP to consider on-site reuse of excavated contaminated soil under building. Focus should be upon more lightly impacted PCB soils (say, less than 20+/- ppm)
- Need for ecological and human health risk assessment.