

POLREP # 4
Hamburg Port Clinton Avenue
Borough of Hamburg
Hamburg, Berks County, PA 19526

Event: Removal Action

Attn: Charlie Kleeman, Dennis Carney, and RRC

I. Situation (As of Friday, June 14, 2002):

- A. In November 2001 and January 2002, EPA OSC Fetzner tasked START to conduct surface soil sampling for lead contamination due to the improper disposal of lead acid battery casings at the Hamburg - Port Clinton Avenue Site. Lead concentrations were detected in surface soils at the site up to 118,000 parts per million.
- B. Due to elevated lead levels, EPA requested health consultation from ATSDR for the site. Currently, EPA awaits the consult for the site. EPA has received the AROA from the ATSDR toxicologist recommending that EPA take immediate action restricting access and controlling lead exposure and migration.
- C. During the winter of 2001-2002, a private property owner (owner) at the site installed monitoring wells and excavated test pits as part of a PADEP closure for a gas station previously located onsite and containing underground storage tanks. During these closure activities, the owner exposed lead contaminated battery casing waste at the surface. Sample results provided by the owner showed lead concentrations of up to 55 parts per million (ppm). EPA's analysis of this area showed lead concentrations as high as 12,000 ppm.
- D. During the spring of 2002, EPA initiated a removal action at the Port Clinton Avenue site due to elevated lead concentrations in surface soil and the threat posed to human health.
- E. Dust monitoring of the site indicates low levels of dust being produced during removal activities, however with dust control actions implemented, no visible dust is exiting the site. Air sampling of site personnel continues daily to measure the concentration of lead in dust generated in the hot zone.

F. Estimated Project Costs (as of 14 June 2002).

ORGANIZATION	COSTS TO DATE	CEILING
ERRS (Earth Tech)	\$ 115,880	\$ 250,000
START (Tetra Tech)	\$ 11,798	\$ 76,660
<hr/> SUB-TOTAL	\$ 127,678	\$ 326,660
<hr/> UNALLOCATED	\$	\$1,605,880
<hr/> TOTAL	<hr/> \$ 127,678	<hr/> \$1,932,540
EPA (Direct+Indirect)	\$	\$ 585,682

II. ACTIONS TAKEN

- A. START set up air monitoring equipment on site to measure total dust levels in the air (personal DataRAMs). Two high volume air sampling stations have been set up at both ends of the hot zone and a third air sampling station has been staged directly across from the site in the southwest section of the nearest residential property. START has and will continue to conduct daily lead dust sampling of ERRS personnel and the site perimeter.
- B. ERRS began cutting and grubbing Section 1 (northern section of site). Trees that are to remain in place have been marked with red ribbon by EPA-ERT & REAC.
- C. START performed in situ XRF sampling based on a 20-foot grid for the entire site
- D. ERRS completed installation of the silt fence along the toe of the canal bank extending from the foot bridge to the end of the outfall (approximately 185 feet). A high visibility fence was also installed adjacent to the silt fence extending the same length.
- E. START placed stakes with blue markings to indicate parking areas along Port Clinton Avenue. ERRS mowed lawn in the area to provide better access and visibility.
- F. Ten 20-ft. coconut logs were delivered to site and staged along the edge of the canal. Logs were anchored with 2-ft long rebar.
- G. START updated the general site health and safety plan.

III. FUTURE ACTIONS

- A. EPA, ERRS, and START to continue removal activities at the site. ERRS will implement the approved work plan for all site activities.
- B. ERRS to do cost comparison to see if placement of an asphalt swale and curb along Port Clinton Avenue followed by placement of a vegetative cap is more cost effective than excavating top 1-foot of soil followed by placement of a vegetative cap.
- C. START to continue conducting perimeter air monitoring and sampling at site and on ERRS operators and technicians.
- D. START to continue with logbook and photographic documentation of site activities.
- E. Electric power to be provided to crew trailer once the electric company turns the power on for the site.

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