

POLREP # 18
Hamburg Port Clinton Avenue
Borough of Hamburg
Hamburg, Berks County, PA 19526

Event: Removal Action

Attn: RRC

I. Situation (As of Friday, October 04, 2002):

- A. In November 2001 and January 2002, EPA OSC Fetzer 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. 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 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 and high volume air sampling off site is only conducted when excavation activities take place. Total dust levels in the air is measured daily around the perimeter of the work zone using personal data rams (PDRs).

F. Estimated Project Costs (as of 04, October 2002).

ORGANIZATION	COSTS TO DATE	CEILING
ERRS (Earth Tech)	\$ 459, 911	\$ 700,000
START (Tetra Tech)	\$ 107, 393	\$ 150,000
<hr/> SUB-TOTAL	\$ 567, 304	\$ 850,000
<hr/> UNALLOCATED	\$	\$ 1,082,540
EPA (Direct+Indirect)	\$ 57, 230	\$ 585,682
TOTAL	\$ 624, 534	\$2,518,222

II. ACTIONS TAKEN

- A. START set up daily air monitoring equipment on site to measure total dust levels in the air (personal DataRAMs), except on Friday, October 04, 2002 due to rain. Site 4 PDR was sent in for repairs.
- B. ERRS continued to water Sections 1, 2, and 3 to promote the growth of the grass cover.
- C. ERRS began spreading and compacting soil in Section 4. A total of 11 loads of topsoil were delivered to the site.
- D. ERRS excavated the remaining sections of the drainage ditch in Section 3 of Fulton Financial's property. ERRS laid filter fabric down and filled drainage ditch with rip rap.
- E. ERRS laid matting down, seeded, and strawed Section 4.
- F. START continues to perform photographic documentation of site activities.
- G. START updated EPA website for the Port Clinton Avenue site.
- H. START conducted a sampling event of 3 residences on Port Clinton Avenue. The samples were analyzed via X-ray fluorescence (XRF). The XRF analysis indicated high readings ranging from 708 parts per million (ppm) to 974 ppm. Two soil samples were sent to a laboratory for confirmation analysis and 4 water samples for lead analysis. Based on these results, the OSC has determined that additional sampling is necessary to further characterize the areas.

- I. One 20 yard roll off was sent off site for disposal as non hazardous waste.

III. FUTURE ACTIONS

- A. EPA, ERRS, and START to continue removal activities at the site. ERRS will implement the approved sequence of operation plans for all site activities.
- B. START to continue conducting perimeter air monitoring and sampling at site and on ERRS operators and technicians as needed.
- C. START to continue with logbook and photographic documentation of site activities.
- D. START to conduct in-situ soil sampling of the 3 residences on Port Clinton Avenue.
- E. ERRS to start operations on Fulton Financial property.

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