

POLREP # 9
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, July 26, 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. 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 26, July 2002).

ORGANIZATION	COSTS TO DATE	CEILING
ERRS (Earth Tech)	\$ 246,444	\$ 250,000
START (Tetra Tech)	\$ 44,269	\$ 76,660
SUB-TOTAL	\$ 290,703	\$ 326,660
UNALLOCATED	\$	\$1,605,880
TOTAL	\$ 290,703	\$1,932,540
EPA (Direct+Indirect)	\$ 26,257	\$ 585,682

II. ACTIONS TAKEN

- A. START set up daily air monitoring equipment on site to measure total dust levels in the air (personal DataRAMs). Also, START continues the high volume air sampling directly across from site in resident's yard and lead dust sampling of ERRS personnel and the site perimeter as needed when excavating..
- B. ERRS had two roll offs delivered to Port Clinton Site. One sludge box was used for removal of material from Mountain Ave Tributary and will be staged behind the Hamburg Borough garage until it can be determined to be hazardous or non-hazardous waste. The second box was used for site debris and material removed during excavation of swale alongside Port Clinton Ave. It also will be tested to determine if the contents are hazardous or non-hazardous.
- C. The roll off that has been staged at the Command Post has been removed for disposal under a non-hazardous manifest.
- D. ERRS watered Section 1, segments 1, 2, and 3 to promote the growth of young grass in each segment.
- E. ERRS excavated contaminated stream sediment located 20 ft from the storm pipe outfall on the West side Port Clinton Ave coming from the Mountain Ave tributary and replaced the material with large rip rap to prevent future erosion.
- F. START continues to photo-document site activities and update the photo log for the month of July 2002.
- G. START shipped a total of 2 Gillian canisters to Fort Meade for analysis and 3 TSP filter samples to ChemTech in New Jersey.

- H. Analytical results for TSP (high volume air sampling) and personal monitors were received from Fort Meade and ChemTech. All sample results are below the OSHA permissible levels for lead exposure.
- I. EPA OSC will met with Fulton Financial representatives concerning access, the cleanup plan, and boundaries of property.

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.
- C. START to continue with logbook and photographic documentation of site activities.
- D. ERRS has developed sequence of operations plans for Sections 2, 3, 4, and the Fulton Financial Section. EPA, ERRS, START will work together to evaluate and review these plans prior to their approval by EPA.
- E. START will perform additional in-situ lead analysis using the Niton XRF in Sections 2 and 4 to help delineate the extent of contamination in these sections.
- F. EPA awaiting Fulton Financial to conduct a survey of their property boundary according to their deed.

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