

POLREP # 7
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 12, 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 21, June 2002).

ORGANIZATION	COSTS TO DATE	CEILING
ERRS (Earth Tech)	\$ 198,672	\$ 250,000
<u>START (Tetra Tech)</u>	<u>\$ 23,928</u>	<u>\$ 76,660</u>
<u>SUB-TOTAL</u>	<u>\$ 222,600</u>	<u>\$ 326,660</u>
<u>UNALLOCATED</u>	<u>\$</u>	<u>\$1,605,880</u>
 TOTAL	 \$ 222,600	 \$1,932,540
 EPA (Direct+Indirect)	 \$ 13,332	 \$ 585,682

II. ACTIONS TAKEN

- A. START set up 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 to measure lead dust leaving the site. START has and will continue to conduct daily lead dust sampling of ERRS personnel and the site perimeter.
- B. ERRS finished 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. ERRS received two loads of topsoil a day starting Monday, July 8 through Wednesday, July 10, and four loads on Thursday, July 11, with a total of ten for the week. ERRS placed a coconut logs half way down the embankment of segment 2 and 3 to minimize erosion. Also they compacted the soil in segments 2 and 3, and covered segment 2 with the burlap matting.
- D. ERRS watered segment 1 each day to promote the growth of young grass in the segment. Watering was also done on segment 2 prior to and after grass seed was spread on this section.
- E. ERRS completed grubbing segments 2 and 3 of Section 1. ERRS spread topsoil, burlap matting, and grass seed in segment 2, and began spreading and tamping topsoil in segment 3.
- 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 14 Gillian canisters to Fort Meade for analysis and 4 TSP filter samples to ChemTech in New Jersey.
- G. 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.

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. 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. EPA, ERRS, START will work together to develop a work plan for Sections 2, 3, 4, and the Fulton Financial Section.
- 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 OSC will contact Fulton Financial concerning property access for a site walkthrough on their property and the marking of their property line on site.

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