

POLREP # 10
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, August 2, 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 2, August 2002).

ORGANIZATION	COSTS TO DATE	CEILING
ERRS (Earth Tech)	\$ 228,223	\$ 250,000
<u>START (Tetra Tech)</u>	<u>\$ 52,223</u>	<u>\$ 76,660</u>
<u>SUB-TOTAL</u>	<u>\$ 280,446</u>	<u>\$ 326,660</u>
<u>UNALLOCATED</u>	<u>\$</u>	<u>\$1,605,880</u>
 <u>TOTAL</u>	 <u>\$ 280,446</u>	 <u>\$1,932,540</u>
 EPA (Direct+Indirect)	 \$ 34,153	 \$ 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). No excavation of soil was conducted this week at site. Therefore, START did not collect high volume air samples or personal air samples of ERRS personnel.
- B. ERRS staged a second roll-off box that contains non-hazardous site debris and soil removed during excavation of swale alongside Port Clinton Ave. to behind Hamburg Borough garage. A third roll-off was delivered to site for the removal of additional non-hazardous soil from the swale alongside Port Clinton Ave.
- C. ERRS collected a composite sample from the roll-off box that contains the sludge removed from Mountain Ave Tributary. The sample was analyzed for disposal analysis and was determined to be XX.
- D. ERRS collected an eight point composite soil sample from START sample locations in Section 2 for disposal analysis.
- E. ERRS continued to water Section 1, segments 1, 2, and 3 to promote the growth of young gras in each segment.
- F. ERRS subcontractor, Sloan Asphalt, laid a four foot wide asphalt shoulder and curb along Port Clinton Ave. of Section 1, segment 4. with a run-off channel to the Mountain Ave. Tributary leading into the canal.
- G. ERRS laid down high-vis fence in Section1, segment 4 prior to receiving and spreading three loads of topsoil in this segment. Approximately 8-12 inches of

topsoil was spread. ERRS then compacted topsoil in preparation for seed and mulch.

- H. ERRS began clearing brush for excavation and soil capping in Section 2.
- I. EPA-ERT and USFWS met with OSC to discuss elevated lead result detected in two sediment samples collected from canal. EPA-ERT and USFWS to advise OSC of course of action needed to be taken.
- J. START continues to photo-document site activities and update the photo log for the month of July 2002.
- K. START shipped a total of 3 Gillian canisters to Fort Meade for analysis and 3 TSP filter samples to ChemTech in New Jersey.
- L. 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 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 OSC awaiting access from Fulton Financial. Fulton Financial to survey property boundary.

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