

**United States Environmental Protection Agency
Region III
POLLUTION REPORT**

Date: Friday, May 20, 2011
From: Myles Bartos, On-Scene Coordinator

To: Donald Berger, Springfield Township Jennie Saxe, EPA

Subject: April 24-30
Tank Car Corporation of America
int. of Walnut Avenue and Oreland Mills Rd, Oreland, PA
Latitude: 40.1200000
Longitude: -75.1919000

POLREP No.:	46	Site #:	A3GX
Reporting Period:	April 24-30	D.O. #:	
Start Date:	1/29/2007	Response Authority:	CERCLA
Mob Date:	4/30/2007	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:		Contract #	
RCRIS ID #:			

Site Description

See previous POLREPS for Site description information.

A summary of the removal site evaluation (characterization) conducted is contained in the document "Summary of Removal Site Evaluation Analytical Data", dated February 2, 2010, posted to the web at www.epaossc.org/tcca. In general, the Site contains inorganic and organic contamination of soil (primarily sandblasting grit) and shallow underground water (contaminated by former lagoon contents and tank releases). Additionally, the Site's ground water and surface water exiting the TCCA property contains detectable concentrations of Site-related contamination. Finally, samples collected from residential properties adjacent to the Site and from dirt alongside the roadways leading from the Site contain detectable concentrations of inorganic and/or organic contaminants attributable to the Site.

The TCCA Site contains a large amount of sandblasting grit contaminated by inorganic contamination (e.g., lead) and organic contamination (e.g., polycyclic aromatic hydrocarbons (PAHs)). The Site formerly contained lagoons; the residuals in these lagoons contain high concentrations of organic contaminants such as benzene, naphthalene, and PAHs and these contaminants have entered into the subsurface soils and shallow underground water.

The Site property continues to be used by numerous businesses for storage of equipment and materials.

Based upon the analytical results of the samples collected during the removal site evaluation and an evaluation of the potential threats posed by the hazardous substance contamination at the Site, EPA Region III approved additional funding to conduct additional response actions at the Site. The total funding now available for response actions is \$2,650,469. The response action will generally include actions intended to consolidate onto the TCCA property those hazardous substances posing a threat which have migrated from the property and to minimize further release of hazardous substances from the Site through a combination of disposal and covering actions.

After obtaining formal access to the railroad property adjacent to the TCCA property, EPA re-initiated the response action at the Site. Initial actions focused on characterizing the contaminants upon the railroad right of way, evaluating drainage from the TCCA property, evaluating details of the pending response action (such as erosion controls), and coordinating with the Site owner, users of the property, and State and Local government entities. The OSC informed adjacent residents of the general nature of the pending response action and then re-initiated response activities on October 19, 2010.

A Time Critical Removal Action is ongoing and current activities are described in the next sections.

Current Activities

No Site work took place on 4/25/2011.

The general Site grade has been established by placing imported clay/fill, and 2RC stone was trucked in from Highway Materials. The grade has been verified using surveying equipment.

Crew decontaminated and demobilized equipment from the Site as appropriate.

Top soil was brought onsite and spread along the slopes and berm of the sediment pond, this area was then seeded and covered with erosion control matting. This area will act as a vegetative buffer for stormwater runoff from the Site. In addition, #4 stone was placed along a portion of the sediment pond side wall.

PADEP and Springfield Township officials onsite (4/27/11) for a meeting and Site tour with OSC Bartos.

Recent rain showers show positive stormwater drainage across the Site. Stormwater will drain across the Site and into the sediment pond.

On April 25th a change of scope Action Memorandum was approved by EPA.

EPA OSC sent out a notice to allow for exterior cleaning of houses that were affected by (non-contaminated) dust created during the removal action. The residents will procure estimates and provide them to the OSC for evaluation.

EPA OSC met with Tank Car Representative to discuss the completion of the removal action. The representative was informed of Tank Car's responsibility to maintain the cap. It was suggested that keeping heavy equipment off of the capped areas was the best way to maintain its integrity. The OSC also discussed EPA's ability to seek recovery of its removal costs.

Next Steps

Finalize grade.

Install a sign marking the locations of buried sands.

Demobilize.

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
Hazardous Waste Liquids (USTs)	13,330 gallons	various	Republic Environmental Hatfield, PA
Hazardous Waste Liquids (AST-2)	14,011 gallons	various	Republic Environmental Hatfield, PA
Non Hazardous Liquids (AST-1)	14,590 gallons	various	Republic Environmental Hatfield, PA
Non Hazardous Solids (AST-4)	31840 pounds	552437	Republic Environmental Hatfield, PA
Non Hazardous Liquids (Ammonia)(AST-5)	7518 gallons	various	Vickery Environmental, Vickery, OH
Hazardous Waste Solids (USTs)	387 tons (est)	various	CasieEcology, Vineland, NJ
Hazardous Waste Liquids (UST-4)	8356 gallons	various	Giant Resource Recovery, Sumter, SC
Hazardous Waste Solids (UST-4)	25,632 pounds	004352265	Green America Recycling, Hannibal, MO
Hazardous Waste Debris (UST-4)	1500 pounds	004352265	Waste Management, Emelle, AL
Flammable Liquids(drums)	165 gallons	004352265	Ross Incineration, Grafton,OH
Flammable solids	300 pounds (est)	004352265	BuzziUnicem, Cape Girardeau, MO
Phosphoric Acid	55 gallons	004352265	WastePath, Calvert City, KY
Non Hazardous Liquids (drums)	140 gallons	004352265	WastePath, Calvert City, KY

Non Hazardous Soil (around UST-4)	209.42 tons	various	Commonwealth Environmental, Hegins, PA
Waste Fuel	760 gallons	77436	Enviromental Recovery Corp., Lancaster, PA
Non Hazardous solids (UST residue from scrapping ops)	300 pounds	001	Modern Landfill,York,PA
Non Hazardous Construction Debris	approx 700 tons	various	Minerva Enterprises
Non Hazardous solids (large lagoon)	approx 8548 tons	various	Clean Earth, Morrisville, PA
Non Hazardous solids (small lagoon)	approx 9580 tons	various	Waste Management , (GROWS), PA
Hazardous solids (small lagoon)	220 tons	various	Stablex Canada, Inc Quebec, Canada
Non Hazardous solids (sands)		various	

response.epa.gov/TCCA