United States Environmental Protection Agency
Region III
POLLUTION REPORT

Date: Monday, January 10, 2011
From: Myles Bartos, On-Scene Coordinator

To: RRC RRC, EPA
Joanna Mcdonald, EPA
Donald Berger, Springfield Township
Jennie Saxe, EPA

Subject: Dec 27 - Jan 9
Tank Car Corporation of America
int. of Walnut Avenue and Oreland Mills Rd, Oreland, PA
Latitude: 40.1200000
Longitude: -75.1919000

POLREP No.:	30	**Site #:**	A3GX
Reporting Period:	Dec 27 - Jan 9	**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.epaosc.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.

Current Activities

EPA and ERRS met onsite on Friday, December 31 to review the disposal bids. Several disposal options were presented by the bidding vendors. In order to award the bid, some additional sampling will need to be conducted and questions answered. EPA and ERRS will discuss this in the coming days to make a decision.

EPA, ERRS, and START mobilized to Site on Monday to begin work. Primary work included equipment preparation for sand consolidation and removal.

On Wednesday, Jan 5th, PADEP officials (Harkins and Lorin) visited the Site.

START used a GPS to stake aout a 20 by 20 foot grid over the large lagoon area. Using this grid, approximately 50 pits were dug to collect additional samples for disposal. These samples will be used to ensure the material is fully characterized and and appropriate for the disposal facilities it will be shipped to. Each disposal facility has its own set of sampling requirements. This sampling will meet those initial requirements.

ERRS crew regraded the large sand pile and covered the top with polysheeting to minimize sand blowing. EPA also directed the crew to increase the sand management efforts to ensure the pile is not blowing around. A variety of techniques will be used including wetting it down (if not snow covered or already wet) or tarping when possible.

Key Issues

Disposal of waste. The lagoon materials has numerous constituents. This "mix" is making selecting an appropriate disposal facility difficult. Each facility is permitted for specific types of waste at specific levels. In the case of the lagoon waste, we are finding that an individual facility may be able to take one type of constituent but not another. There are facilities available, we are just looking for the best option.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS 1 Cleanup Contractor	$376,666.00	$206,526.00	$170,140.00	45.17%
ERRS 2 Cleanup Contractor	$970,000.00	$424,525.00	$545,475.00	56.23%
RST/START	$42,400.00	$31,480.00	$10,920.00	25.75%
UNALLOCATED	$1,261,403.00	$0.00	$1,261,403.00	100.00%
Intramural Costs				
Total Site Costs	$2,650,469.00	$662,531.00	$1,987,938.00	75.00%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

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 512 tons	various	Minerva Enterprises

response.epa.gov/TCCA

POLREP #30 Last Updated 1/26/2011