

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

Date: Thursday, August 26, 2010

From: Mike Towle

Subject: Continuing Removal Action
Stoney Creek Technologies
3300 4th Street, Trainer, PA
Latitude: 39.8300000
Longitude: -75.3975000

POLREP No.:	25	Site #:	
Reporting Period:		D.O. #:	
Start Date:	4/19/2007	Response Authority:	CERCLA
Mob Date:	4/19/2007	Response Type:	Emergency
Demob Date:		NPL Status:	
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:		Contract #	
RCRIS ID #:			

Site Description

See previous POLREPs for Site description information.

Neither Stoney Creek Technologies nor any other Respondent to EPA's Orders or Potentially Responsible Party is conducting response actions due to bankruptcy, financial inability, or other reasons; therefore, EPA continues to use its own contractor resources to conduct response actions at the Site.

The OSC continues to estimate that the remaining chemical inventory within the tanks at the Site is approximately 200,000 gallons and consists primarily of lower viscosity materials and tank heels in about 100 tanks.

Current Activities

OSC Dominic Ventura is currently preparing to assume lead OSC responsibilities at the Stoney Creek Technologies Site.

The START contractor completed an evaluation of all tanks at the Site to determine material volume, consistency, and vapor issues in order to allow the OSC to scope and prioritize remaining response actions. With this data, the OSC had directed the ERRS contractor to consolidate compatible tank material for disposal.

EPA contractors have continued and still continue to break and drain lines, equipment and process vessels containing chemical inventory.

The ERRS contractor diluted the remaining oleum sludge located in T-105 with material (low strength acid from the vapor system) from T-120. The material was pumped into the tank and circulated to promote mixture and dilution of any oleum remaining in the sludge. After the mixture was pumped from the tank into drums, additional acid was pumped into tank, the manway was opened, and the material was handmixed. All material was then pushed to the rear of the tank and drained from the lowest available valve. The tank was inspected and determined to only contain residual coating upon the interior steel. The tank was re-secured until a final solution for the residual is determined.

Additional leaks were discovered at the Site including a leaking flange at the D-104 sulfonator. About 30 gallons of acid was drained from this system. Excessive heat is expected to blame for the increased number of leaks discovered in July and August. ERRS removed chemical material from the sulfonator trench and found that the concrete trench system was completely dissolved by prior acid spills, exposing the underlying soils.

The OSC directed ERRS to drain the material from T-229; a thick resin material (Beckosol). To date, 43

drums have been generated.

The transfer and disposal of all "white oil" contents occurred on August 16th, 2010. This material had been saved in case of an oleum spill.

The OSC continues to coordinate with EPA Pre-Remedial personnel presently evaluating the Site for possible NPL listing.

Planned Removal Actions

Complete off-Site disposal of drummed wastes.

Continue to clear pipelines of remaining chemical inventory, consolidate and prepare materials for disposal.

Continue consolidation of remaining tank heels or drumming of tank heels for disposal.

Continue to monitor, treat, and discharge excess waters from the Site into Stoney Creek and prevent oily material from migrating from the Site into Stoney Creek via discharges onto the adjacent public roadway.

Next Steps

rioritize remaining removal actions and coordinate with Pre-Remedial regarding possible NPL listing.

START contractor will implement site wide drainage characterization sampling to assist the OSC in determining water quality issues throughout the Site and develop a database for use in determining the level of decontamination required to assure good quality discharge from the Site to Stoney Creek. .

START contractor will implement site wide subsurface soil sampling with the use of a Geoprobe in order to visually confirm areas of subsurface contamination contributing to the surface release of oily materials to Stoney Creek. This effort will also include evaluation of contamination in the rail ballast along the industrial sidings serving the Site.

Disposition of Wastes

Disposal activities include disposal from individual tanks, tank consolidations, and a variety of drums. Single manifests may include wastes from multiple sources. Wastes are primarily disposed as corrosive (acids and caustics), flammable (items containing solvents), and non hazardous (primarily oil-based materials).

Waste Stream	Quantity	Manifest #	Disposal Facility
T-132	22,200 gal.	various (D002)	Vickery Env. Inc., Vickery, OH
T-134	7,900 gal.	various (D002)	Vickery Env. Inc., Vickery, OH
T-171	22,363 gal.	various (D001)	Clean Harbors, Baltimore, MD
T-172	13,816 gal.	various (D001)	Clean Harbors, Baltimore, MD
T-174	3,8000 gal.	various (D001, D002)	Clean Harbors, Baltimore, MD
T-174	42,464 gal.	various (D001)	Clean Harbors, Baltimore, MD
T-176	35,621 gal.	various (D001)	Clean Harbors, Baltimore, MD
T-198	3,960 gal.	various (Non-Haz)	FCC Environmental, Wilmington, DE
T-201	10,742 gal.	various (D001)	Clean Harbors, Baltimore, MD
T-337	11,190 gal.	various (Non-Haz)	Env. Recycling Corp., Lancaster, PA
T-340	19,967 gal.	various (Non-Haz)	FCC Environmental, Wilmington, DE
T-401	5,000	various (D001, D002,	Clean Harbors, El Dorado, AR

	gal.	D003)	
T-406	24,375 gal.	various (D001)	Heritage WTI, East Liverpool, OH
T-407	14,892 gal.	various (D001, D002)	Clean Harbors, Baltimore, MD
T-411	12,776 gal.	various (D001)	Clean Harbors, Baltimore, MD
T-420	10,004 gal.	various (D001)	Casie Protank, Vineland, NJ
T-421	9,010 gal.	various (D001)	Casie Protank, Vineland, NJ
T-422	7,661 gal.	various (D001)	Clean Harbors, Baltimore, MD
T-424	8,638 gal.	various (Non-Haz.)	FCC Environmental, Wilmington, DE
T-425	8,450 gal.	various (D001)	Clean Harbors, Baltimore, MD
T-431A	32,631 gal.	various (D001, D002, D003)	Clean Harbors, El Dorado, AR
T-437	23,470 gal.	various (D001, D002)	Clean Harbors, Baltimore, MD
T-495	3,701 gal.	various (D001)	Clean Harbors, Baltimore, MD
T-521	16,667 gal.	various (Non-Haz.)	Env. Recycling Corp., Lancaster, PA
T-525 (Mar. 09)	69,561 gal.	various (Non-Haz.)	FCC Environmental, Wilmington, DE
T-525 (Jan. 10)	45,050 gal.	various (sludge)	Republic, Hatfield, PA and Veolia ES Greentree, Kersey, PA
T-526 (Mar. 09)	46,592 gal.	various (Non-Haz.)	FCC Environmental, Wilmington, DE
T-526 (Jan. 10)	30,340 gal.	various (sludge)	Republic, Hatfield, PA
T-527 (tank bottom)	7,775 gal.	various (D001)	Clean Harbors, Baltimore, MD
T-527 (tank top)	10,287 gal.	various (Non-Haz.)	FCC Environmental, Wilmington, DE
T-539 (Feb. 09)	19,354 gal.	various (Non-Haz.)	Env. Recycling Corp., Lancaster, PA
T-539 (Oct. 09)	22,625 gal.	various (D001)	Clean Harbors, Baltimore, MD
T-640	34,208 gal.	various (Non-Haz.)	FCC Environmental, Wilmington, DE
T-641	30,609 gal.	various (Non-Haz.)	FCC Environmental, Wilmington, DE
T-660	30,750 gal.	various (D001)	Clean Harbors, Baltimore, MD
T-661	21,264 gal.	various (Non-Haz.)	Env. Recycling Corp., Lancaster, PA
T-663	41,010 gal.	various (Non-Haz.)	FCC Environmental, Wilmington, DE
T-680	17,013 gal.	various (Non-Haz.)	FCC Environmental, Wilmington, DE
T-681	20,339 gal.	various (Non-Haz.)	FCC Environmental, Wilmington, DE
T-105	12,608	various (D002)	Vickery Environmental, Vickery, OH

gal.

response.epa.gov/stoneycreek