

**Parish Chemical Site**  
**Vineyard, UT**  
**Progress Report**  
**12/08/13 - 12/21/13**

The current effort, which it anticipated to last approximately eight months, will include, but not be limited to the following activities:

- Inspecting the Site to verify the integrity of facility;
- Determining the volumes of hazardous substances;
- Segregating incompatible chemicals and establishing proper storage issues throughout the Site;
- Hazard categorizing known and unknown products, intermediates and wastes
- Transferring the contents of tanks and drums for bulk waste shipments
- Transporting manifested wastes for disposal
- Decontaminating the Parish facility and equipment as necessary to prevent further release of hazardous substances;

**Current Activities**

During the time period covered by the report, 8-December-13 to 21-December-13, the following site activities were conducted:

- START is sampling 100% of drums for waste characterization due to inconsistencies found in prior 20% sampling of labeled drum activities.
- ERRS continued segregating waste streams, marking identified drums, segregating drums according to compatible waste characteristics, supporting START sampling activities, and organizing the site.
- ERRS continued to stage characterized wastes streams in areas at the north and south sides of the site.
- START continuing to perform waste characterization on sampled containers for waste stream categorization. To date START has sampled and categorized 1049 drum yard samples and 109 sample containers from the Analytical Laboratory.
- START prepared one composite sample of a solid waste stream that hazclass analyses was not definitive for either flammability or combustibility. A composite sample of approximately 30 drum samples was submitted for analysis to the subcontract laboratory on 18-December-13.
- ERRS staged waste streams outdoors, and during inclement (cold) weather, indoors in preparation for sampling. Frozen drums were thawed inside the production area of the plant in several sets of 20-30 per set. When thawed, START sampled the sets.
- START began hazclassing containers from the Analytical Laboratory at the plant during time periods when outdoor containers were being thawed inside the shop.

- START researched analytical options for identifying organic versus inorganic peroxides in site wastes and began researching possible onsite treatment options for oxidizers, particularly peroxide-containing wastes.

## Data Management

START implemented the USEPA Response Manager (RM) software to manage waste, hazcatting, and disposal data for the Site work. The current status of RM at the site is:

- RM is being used to record hazardous waste disposal information for materials on-site in real-time.
- Container and waste characterization information is being recorded and reported utilizing a Filemaker pro app on a tablet (iPad). The data is being exported and readily accessible for importation into RM. A server has been used to copy the characterization / container database on the iPad to an offsite, project-specific ftp site for daily archiving.
- As of December 21, 2013, ERRS has identified 24 waste-streams from characterization and have scheduled 3 shipments for disposal, one of which has been manifested and shipped offsite. One or more shipments of waste are scheduled for the time period of 21-Dec-13 to 13-Jan-13 when overall activities at the site will be shut down for the holidays.

## Disposition of Wastes

As of December 21, 2013, one shipment containing 39 drums of Non-RCRA/Non-DOT Regulated Material, Liquid (Cyanamide) has been manifested and shipped offsite, totaling 2028 gallons.

A number of waste streams have been identified, including non-flammable halogenated solvents (methylene chloride), flammable solvents, flammable and non-flammable corrosive liquid acids, and Oxidizers (solid and liquid). The following tables present the waste streams identified as of December 7, 2013 which have been shipped, which awarded for disposal and are awaiting pickup, and which are out for bid by ERRS.

### Shipment 1 – Manifested & Shipped

Waste Stream	Number of Containers	Container	Location
Non-RCRA/Non-DOT Reg Material, Liquid (Cyanamide)	39	Drum	Manifested and Shipped

### Shipment 2 - Awarded, Awaiting Pickup

Waste Stream	Number of Containers	Container	Location
NA 3082, Hazardous Waste, Liquid, n.o.s.	5	Drum	Outside Yard
UN 1993, Flammable Liquid, n.o.s.	1	Drum	Lower Warehouse
UN 1993, Flammable Liquid, n.o.s.	30	Drum	Outside Yard
UN 1993, Flammable Liquid, n.o.s.	11	Tote	Outside Yard
UN 2922, Corrosive Liquid, Toxic, n.o.s.	56	Drum	Outside Yard
UN 2922, Corrosive Liquid, Toxic, n.o.s.	2	Overpack	Outside Yard
UN 2924, Flammable Liquid, Corrosive, n.o.s.	27	Drum	Outside Yard

**Shipment 3 - RFQ Out for Bid**

<b>Waste Stream</b>	<b>Number of Containers</b>	<b>Container</b>	<b>Location</b>
Non DOT/RCRA Regulated Liquid	11	Drum	Outside Yard
Non DOT/RCRA Regulated Liquid	3	Overpack	Outside Yard
Non DOT/RCRA Regulated Liquid	2	Tote	Outside Yard
Non DOT/RCRA Regulated Solids	13	Drum	Outside Yard
UN 1325, Flammable Solid, Organic, n.o.s.	6	Drum	Outside Yard
UN 1325, Flammable Solid, Organic, n.o.s.	1	Overpack	Outside Yard
UN 1992, Flammable Liquid, Toxic, n.o.s.	11	Drum	Outside Yard
UN 1992, Flammable Liquid, Toxic, n.o.s.	5	Overpack	Outside Yard
UN 1992, Flammable Liquid, Toxic, n.o.s.	1	Tote	Outside Yard
UN 1993, Flammable Liquid, n.o.s.	96	Drum	Outside Yard
UN 1993, Flammable Liquid, n.o.s.	1	Overpack	Outside Yard
UN 1993, Flammable Liquid, n.o.s.	4	Tote	Outside Yard
UN 3139, Oxidizing Liquid, n.o.s.	6	Drum	Outside Yard
UN 3139, Oxidizing Liquid, n.o.s.	1	Tote	Outside Yard
UN 3264, Corrosive Liquid, Acidic, Inorganic, n.o.s.	1	Drum	Outside Yard
UN 3264, Corrosive Liquid, Acidic, Inorganic, n.o.s.	1	Tote	Outside Yard

Site Photos  
12/8/13 – 12/21/13

