

Parish Chemical Site
Vineyard, UT
Progress Report # 10
03/11/14 - 03/24/14

The current effort, many of which are ongoing, 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, March 11, 2014, to March 24, 2014, the following site activities were conducted:

- START completed sampling the containers in the outside areas.
- START segregated containers in the analytical lab into groups for lab pack (no hazcat), 20% hazcat, and 100% hazcat.
- START began hazcat sampling of small container from the analytical lab.
- 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 areas of the site.
- START continuing to perform waste characterization on sampled containers for waste stream categorization. To date START has sampled and categorized 1863 drum yard samples, 727 small containers from the laboratories.
- START received analytical results for four composite samples for Toxicity Characteristic Leaching Procedure, Volatile Organic Compounds, Semi Volatile Organic Compounds, and Heavy Metals (TCLP / VOC /SVOC / Metals) analysis. These samples were imported into the site Scribe database and distributed to ERRS.

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 March 24, 2014, ERRS has identified 39 waste-streams from characterization
- As of March 24, 2014, 2 disposal groups have been partially manifested and shipped offsite, 2 disposal groups have been completely manifested and shipped offsite, 4 disposal groups (and 2 partials) have been awarded and are awaiting disposal, and one disposal group is out for bid.

Disposition of Wastes

As of March 24, 2014, 446 drums and 11 totes of assorted regulated materials have been manifested and shipped offsite, totaling 27,675 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 March 24, 2014, which have been shipped, which awarded for disposal and are awaiting pickup, and which are out for bid by ERRS.

Containers Removed from Site (Most of TD1 and TD2, all of TD4, TD5)

Waste Stream	Quantity	Container	Location	Volume
UN 1454, Calcium Nitrate	2	Drum	Outside Yard	110
UN 2668, Chloroacetonitrile	1	Drum	Outside Yard	55
NA 1993, Combustible Liquid, n.o.s.	20	Drum	Outside Yard	1100
NA 1993, Combustible Liquid, n.o.s.	5	Drum	Outside Yard	275
UN 3265, Corrosive Liquid, Acidic, Organic, n.o.s.	7	Drum	Outside Yard	385
UN 3266, Corrosive Liquid, Basic, Inorganic, n.o.s.	6	Drum	Outside Yard	330
UN 2922, Corrosive Liquids, Toxic, n.o.s.	56	Drum	Outside Yard	3080
UN 1916, Dichlorodiethyl Ether	4	Drum	Outside Yard	220
UN 1593, Dichloromethane	22	Drum	Outside Yard	1210
UN 2023, Epichlorohydrin	2	Drum	Outside Yard	110
UN 2924, Flammable Liquids, Corrosive, n.o.s.	27	Drum	Outside Yard	1485
UN 1993, Flammable Liquids, n.o.s.	30	Drum	Outside Yard	1650
UN 1993, Flammable Liquids, n.o.s.	11	Tote	Outside Yard	3025
NA 3082, Hazardous Waste, Liquid, n.o.s.	150	Drum	Outside Yard	8250
NA 3082, Hazardous Waste, Liquid, n.o.s.	4	Overpack	Outside Yard	340
UN 2014, Hydrogen Peroxide	1	Drum	Outside Yard	55
UN 1791, Hypochlorite Solutions	10	Drum	Outside Yard	550
UN 3246, Methanesulfonyl Chloride	4	Drum	Outside Yard	220
Non-DOT/RCRA Regulated Liquid	77	Drum	Outside Yard	4235
Non-DOT/RCRA Regulated Solids	3	Drum	Outside Yard	165
UN 3139, Oxidizing Liquid, n.o.s.	13	Drum	Outside Yard	715
UN 1486, Potassium Nitrate	1	Drum	Outside Yard	55
UN 2810, Toxic Liquids, Organic, n.o.s.	1	Drum	Outside Yard	55

Awarded, Awaiting Pickup (Miscellaneous drums from TD1 and TD2; all of TD3, TD6, TD7, TD8)

Waste Stream	Quantity	Container	Location	
UN 2790, Acetic Acid Solution	12	Drum	Outside Yard	660
UN 2790, Acetic Acid Solution	15	Tote	Outside Yard	4125
UN 1090, Acetone	5	Drum	Outside Yard	275
UN 2218, Acrylic Acid	1	Drum	Outside Yard	55
UN 2018, Chloroanilines	1	Drum	Outside Yard	55
NA 1993, Combustible Liquid, n.o.s.	21	Drum	Outside Yard	1155
NA 1993, Combustible Liquid, n.o.s.	1	Overpack	Outside Yard	85
UN 3264, Corrosive Liquid, Acidic, Inorganic, n.o.s.	95	Drum	Outside Yard	5225
UN 3264, Corrosive Liquid, Acidic, Inorganic, n.o.s.	1	Overpack	Outside Yard	85
UN 3264, Corrosive Liquid, Acidic, Inorganic, n.o.s.	1	Tote	Outside Yard	275
UN 3265, Corrosive Liquid, Acidic, Organic, n.o.s.	27	Drum	Outside Yard	1485
UN 3266, Corrosive Liquid, Basic, Inorganic, n.o.s.	6	Drum	Outside Yard	330
UN 3266, Corrosive Liquid, Basic, Inorganic, n.o.s.	1	Overpack	Outside Yard	85
UN 3267, Corrosive Liquid, Basic, Organic, n.o.s.	2	Drum	Outside Yard	110
UN 2922, Corrosive Liquids, Toxic	1	Drum	Outside Yard	55
UN 2922, Corrosive Liquids, Toxic	2	Overpack	Outside Yard	170
UN 1148, Diacetone Alcohol	1	Drum	Outside Yard	55
UN 1993, Flammable Liquids, n.o.s.	161	Drum	Outside Yard	8855
UN 1993, Flammable Liquids, n.o.s.	4	Overpack	Outside Yard	340
UN 1993, Flammable Liquids, n.o.s.	5	Tote	Outside Yard	1375
UN 2924, Flammable Liquids, Corrosive, n.o.s.	36	Drum	Outside Yard	1980
UN 1992, Flammable Liquid, Toxic, n.o.s.	15	Drum	Outside Yard	825
UN 1325, Flammable Solids, Organic, n.o.s.	7	Drum	Outside Yard	385
UN 1788, Hydrobromic Acid	2	Drum	Outside Yard	110
Non-DOT/RCRA Regulated Liquid	63	Drum	Outside Yard	3465
Non-DOT/RCRA Regulated Liquid	5	Overpack	Outside Yard	425
Non-DOT/RCRA Regulated Liquid	5	Tote	Outside Yard	1375
Non-DOT/RCRA Regulated Solids	103	Drum	Outside Yard	5665
Non-DOT/RCRA Regulated Solids	15	Overpack	Outside Yard	1275
UN 3139, Oxidizing Liquid, n.o.s.	22	Drum	Outside Yard	1210
UN 3139, Oxidizing Liquid, n.o.s.	1	Overpack	Outside Yard	85
UN 3139, Oxidizing Liquid, n.o.s.	2	Tote	Outside Yard	550
UN 3098, Oxidizing Liquid, Corrosive, n.o.s.	23	Drum	Outside Yard	1265
UN 1479, Oxidizing Solids, n.o.s.	1	Overpack	Outside Yard	85
UN 1805, Phosphoric Acid	2	Drum	Outside Yard	110
UN 2796, Sulfuric Acid	1	Drum	Outside Yard	55
UN 1593, Waste Dichloromethane	2	Drum	Outside Yard	110

RFQ Out for Bid (TD9)

Waste Stream	Quantity	Container	Location	Volume
NA 1993, Combustible Liquid, n.o.s.	1	Tote	Outside Yard	275
NA 1993, Combustible Liquid, n.o.s.	1	Tank	Outside Yard	4000
UN 3264, Corrosive Liquids, Acidic, Inorganic, n.o.s.	8	Tote	Outside Yard	2200
UN 3266, Corrosive Liquids, Basic, Inorganic, n.o.s.	1	Tote	Outside Yard	275
UN 3267, Corrosive Liquids, Basic, Organic, n.o.s.	16	Tote	Outside Yard	4400
UN 1993, Flammable Liquid, n.o.s.	10	Tote	Outside Yard	2750
UN 1208, Hexanes	1	Tote	Outside Yard	275
UN 1230, Methanol	2	Tote	Outside Yard	550
Non-DOT/RCRA Regulated Liquid	14	Tote	Outside Yard	3850
UN 3139, Oxidizing Liquid, n.o.s.	4	Tote	Outside Yard	1100
UN 3098, Oxidizing Liquid, Corrosive, n.o.s.	1	Tote	Outside Yard	275
Non-DOT/RCRA Regulated Liquid	21	Tote	Outside Yard	5775
Non-DOT/RCRA Regulated Liquid	1	Tank	Outside Yard	4000
Non-DOT/RCRA Regulated Solid	2	Tote	Outside Yard	550
UN 3139, Oxidizing Liquid, n.o.s.	1	Tank	Outside Yard	4000
UN 3098, Oxidizing Liquid, Corrosive, n.o.s.	2	Tank	Outside Yard	8000

Site Photos
03/11/14 – 03/24/14



Analytical Lab-contains staged into 20% and 100% hazcat groups



ERRS loading trucks for disposal shipments



ERRS bulking small containers



START hazcatting small containers