

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Roselle Mad Chemist - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IX

Subject: POLREP #4
Final POLREP
Roselle Mad Chemist
09WG
San Diego, CA
Latitude: 32.8948036 Longitude: -117.2195788

To:
From: Robert Wise, OSC
Date: 8/13/2010
Reporting Period: 08/13/10

1. Introduction

1.1 Background

Site Number:	09WG	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	7/29/2010	Start Date:	8/7/2010
Demob Date:	8/13/2010	Completion Date:	8/13/2010
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

See POLREPs No. 1 and No. 2.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

On July 29, 2010, San Diego Co. Environmental Health Hazmat Unit (SDCoEH) referred an abandoned biotechnology company, Aries Associates, LLC to EPA for a CERCLA Removal Action. OSC Wise and the START responded to the facility to assess the situation. Aries was a contract biotech company that went bankrupt in January 2010, abandoning a large quantity of laboratory reagents. From July 29 - August 7, 2010, OSC Wise and the START conducted a removal assessment of the facility in which all of the chemicals were inventoried. During the inventory process a number of unstable chemicals that were unsafe for transport to a TSDF were identified. Those chemicals were destroyed on August 7, 2010. After the detonation, START discovered additional unstable chemicals during the segregation process. Based on this discovery, OSC Wise determined that all of the chemicals would have to be segregated and their stability evaluated. Based on this determination and that the business owner and the business were both in bankruptcy, the land owner stated that they were not financially capable of conducting the cleanup and a fourth PRP refused to conduct the cleanup, OSC Wise decided to move forward with an emergency removal action to allow for the proper segregation and packing of the chemicals for disposal.

2.1.2 Response Actions to Date

August 13, 2010: 1 OSC, 2 ERRS, 1 Philips TSD Rep.

The drums were loaded onto a truck for disposal at 21st Century Environmental Management of Nevada in Fernly, Nevada. The waste streams that went off site included:

- UN2014, Waste Hydrogen Peroxide, Aqueous Solutions with more than 40% but not more than 60% Hydrogen Peroxide, 5.1 (8), PGII, RQ(100) – 125 pounds
- RQ, UN 1992, Waste Flammable Liquids, Toxic, N.O.S., 3.1 (6.1), PG II, (Acetonitrile, Chloroform), (D001) – 225 pounds
- RQ, UN 1992, Waste Flammable Liquids, Toxic, N.O.S., 3.1 (6.1), PG II, (Acetonitrile, Methanol), – 215 pounds

- RQ, UN 1992, Waste Flammable Liquids, Toxic, N.O.S., 3.1 (6.0), PG II, (1-Hexanol, Chloroform), (D001) – 250 pounds
 - UN 2924, Waste Flammable Liquids, Corrosive, N.O.S. (triethanolamine, propylamine), 3(8), PG II, (D001, D002) – 10 pounds
 - UN2024, Mercury Compounds, Liquids, N.O.S., 6.1, PG II, (D003, D009, P030) – 10 pounds
 - UN2809, Waste Mercury (Contained in Manufactured Articles), 8, PG II, (D009) – 10 pounds
 - UN 1744, Waste Bromine Solution – (Toxic Inhalation Hazard, Zone B), (Bromine, Chloroform), 8 (6.1), PG I (D002, D022) – 20 pounds
 - NA 3077, Hazardous Waste Solid, N.O.S. (PPE, Empty Containers, Lead, Silver), 9, PG II, (D008, D011)
 - RQ, UN 1992 Waste Flammable Liquids, Toxic, N.O.S., 3 (6.1), PG II, (Isopropanol, chloroform), (D001, U108, U003, U154, U220, D022) – 250 pounds
 - RQ, UN 1992 Waste Flammable Liquids, Toxic, N.O.S., 3 (6.1), PG II, (1,3-Butanediol, Methylene Blue), (D001, D022, U002, U080, D021, U037) – 200 pounds
 - RQ, UN 1992 Waste Flammable Liquids, Toxic, N.O.S., 3 (6.1), PG II, (Isopropanol, Mineral Spirits), (D001, U003, U154, U182, D011) – 200 pounds
 - UN 1992, Waste Flammable Liquids, Toxic, N.O.S. (Chloroform, Acetonitrile), 3 (6.1), PG II (D001, U002, D022, U080) – 200 pounds
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- UN3132, Waste Water Reactive, Solid, Flammable, N.O.S., 4.3 (4.1), Pg I (Sodium Borohydride, Sodium Cyanoborohydride), (Dangerous When Wet), (D003, D001, P030) – 15 pounds
 - UN 2925, Waste Flammable Solids, Corrosive, Inorganic N.O.S. (Tertbutyldimethylsilyl chloride, 1-diaso-2-naphthol-4-sulfonic acid), 4.1 (8) PG II (D001, D002) – 15 pounds
 - UN 1362, Waste Carbon Activated, 4.2, PG III (D001) – 12 pounds
 - UN 2922, Waste Corrosive Liquids, Toxic, N.O.S. (1-bromo-2-chloroethane, n-butyric acid) 8 (6.1), (D002) – 10 pounds
 - UN 3098, Waste Oxidizing Liquid, Corrosive, N.O.S. (Nitric Acid <70%, Hydrogen Peroxide Urea) 5.1 (8), PG II (D001, D002) – 90 pounds
 - UN 2924, Waste Flammable Liquids, Corrosive, N.O.S. (Tetrahydrofuran solution, boron tribromide solution) 3 (8), PG II (D001, D002) - 10 pounds
 - UN 1687, RQ Waste Sodium Azide, 6.1, PG II (P105) – 10 pounds
 - UN 2922, Waste Corrosive Liquids, Toxic, N.O.S., (Boron Trichloride, Methylene Chloride), 8 (6.1), PG II (D002, U080) – 10 pounds
 - UN 12325, Waste Flammable Solids, Organic, N.O.S. (Paraformaldehyde, Sulfur) 4.1, PG II (D001) – 80 pounds
 - UN 3105, Waste Organic Peroxide, type D, Liquid, (3-chloroperoxybenzoic acid, peracetic acid), 5.2 (8), PG II (D001, D002) – 50 pounds
 - Waste Toxic , Liquid, Organic, N.O.S. (Diazinon, DDT), 6.1, UN 2810, PG II (D008, U061, D005, P030, U007) – 200 pounds
 - UN 2810, Waste Toxic Liquid, Organic, N.O.S. (Acrylamide, Phenobarbital), 6.1, PGII (U007) – 220 Pounds
 - NA3082, Hazardous Waste Liquid, N.O.S. (Silver Chloride, Sodium Chloride), 9, PG III (D011, U147) – 200 Pounds
 - NA3082, Hazardous Waste Liquid, N.O.S. (Silver Chloride, Sodium Chloride), 9, PG III (D011) – 200 Pounds
 - NA 3082, Hazardous Waste Liquid, N.O.S. (Ammonium Acetate, 4,4-Dibromobiphenyl), 9, PG III (D011) – 250 Pounds
 - NA3082, Hazardous Waste Liquid, N.O.S. (Bis-Benzimide, Sodium Pyruvate), 9, Pg III (D011) - 200 Pounds
 - NA3077, Hazardous Waste, Solid, N.O.S. (PPE, Empty Containers, Lead, Silver), 9, PG III (D008, D011) – 1000 pounds
 - RQ, UN 1760, Waste Corrosive Liquids, N.O.S. (D002), PG II, RQ=100 – 250 Pounds
 - RQ, UN 1760, Waste Corrosive Liquids, N.O.S. (Sulfuric Acid, Hydrochloric Acid), 8, PG II, RQ=100 (D002) – 250 Pounds
 - RQ, UN1760, Waste Corrosive Liquids, N.O.S. (Sulfuric Acid, Phosphoric Acid), 8, PG II, RQ=100 (D002, D003) – 250 Pounds
 - UN3139, Waste Oxidizing Liquids, N.O.S. (Potassium Nitrate, Sodium Perchlorate), 5.1, PG II (D001, D007, D011) – 200 pounds
 - UN 1760, Waste Corrosive Liquids, N.O.S. (Sodium Hydroxide, Potassium Hydroxide), 8, PG II (D002) – 200 Pounds
 - UN3105, Waste Organic Peroxide, Type D, Liquid (3-Chloroperoxybenzoic Acid), 8, PG II (D001, D002) – 200 pounds

All EPA assets have demobilized from the site. No further EPA Removal activities required on this site.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

See POLREPS No. 1 and No. 2.

2.2 Planning Section

2.2.1 Anticipated Activities

All on-site activities have been completed. No further action required.

2.3 Logistics Section

NA

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

NA

2.6 Liaison Officer

OSC Wise will function as the Liaison Officer with local agencies.

2.7 Information Officer

On August 11, 2010, an article on the site came out in the San Diego City Beat. On August 11, 2010, KNSD, Channel 7 had two news crews on-site to follow up on the City Beat Story. OSC Wise provided an interview. the articles can be found in the links section of the OSC Website.

3. Participating Entities

3.1 Unified Command

EPA is the lead agency for the removal action.

3.2 Cooperating Agencies

SDCoEH, DTSC, SBFDBS, San Diego Police Department

4. Personnel On Site

No information available at this time.

5. Definition of Terms

OSC: On-Scene Coordinator

START: Superfund Technical Assessment and Response Team

ERRS: Emergency and Rapid Removal Service

SDCoEH: San Diego Co. Environmental Health

DTSC: California Department of Toxic Substance Control

SDFDBS: San Diego Fire Department Bomb Squad

SDPD: San Diego Police Department

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.