

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Green Lake Chemical House - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region X

Subject: **POLREP #7**
Final
Green Lake Chemical House
10ND
Seattle, WA
Latitude: 44.6751000 Longitude: -122.3230000

To:
From: Jeffry Rodin, OSC
Date: 4/14/2014
Reporting Period: 4/15/14 through 4/16/14

1. Introduction

1.1 Background

Site Number:	10ND	Contract Number:	EP-07-13-07
D.O. Number:		Action Memo Date:	4/3/2014
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	4/7/2014	Start Date:	4/7/2014
Demob Date:		Completion Date:	
CERCLIS ID:	WAN00101159	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

1.1.2 Site Description

On March 25, 2014, the EPA received information from King County Hazardous Waste Program regarding the improper storage of chemicals within a residential neighborhood in the City of Seattle. Photographs taken by or in cooperation with members of the Seattle Fire Department (SFD) and King County Hazardous Waste Program (King Co.) were provided to EPA. The photographs depict a number of containers with a variety of hazardous on the Property. Based on the labels in these photographs, the chemicals on the Property appear to include elements or compounds of arsenic, benzidine, cadmium, hydrochloric acid, nitric acid, phosphoric acid, sodium hydroxide, sodium nitrite, carbon tetrachloride, and vanadium pentoxide.

For a full site description see POLREP 1 (Initial POLREP)

1.1.2.1 Location

The residence is located within the City of Seattle, Green Lake neighborhood. The Green Lake neighborhood is a high density residential area. Adjacent neighboring homes are characterized by narrow lot lines. The residence is also located less than .25 miles from the 1-5 corridor.

1.1.2.2 Description of Threat

Numerous chemical containers are present on the property and within the basement of the residence. The amount of containers and debris makes accessing these areas difficult. Many of the chemicals on site are specifically listed as a hazardous substance subject to CERCLA, 40 C.F.R. Table 302.4. The EPA determined that the improperly stored chemicals and other hazardous substances pose an actual or potential threat of release to the environment. Many of the chemicals are old and expired, with negative value. Many chemicals are not properly stored and incompatible chemicals are stored adjacent to each other.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

There have been no known government or private cleanup actions undertaken at the Site to date.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

4/15/2014

* START and CST completed field categorization of unknown chemicals at the site. The CST demobilized

from the site early afternoon.

4/16/2014

* Final shipment of hazardous waste/lap pack chemicals and contaminated debris were transported off site.

* All tents, tables and associated equipment which were erected on site to support field hazard categorization, and inventory were removed from the property.

4/17/2014

* The occupants of the house returned home today. An inventory of the of items removed were provided.

* The original administrative warrant, with container inventory, manifest inventory, sample receipt, and debris container count was returned to the court.

2.1.2 Response Actions to Date

See Initial POLREP.

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

2.1.4 Progress Metrics

The following table indicates the amount of chemicals processed by date:

Date	HazCat Completed	Inventory Completed
4/7/2014	78	164
4/8/2014	170	354
4/9/2014	137	415
4/10/2014	284	829
4/11/2014	221	381
4/12/2014	301	471
4/13/2014	387	175
4/14/2014	371	550
4/15/2014	148	334
TOTAL	2097	3673

* The Inventory Completed total includes the containers processed through HazCat.

The following table displays the containers that have been prepared for off-site transportation and disposal:

Date	Overpack Drums Shipped	Overpack Drums In Progress	Cubic Yard Box Shipped
4/7/2014	0	17	0
4/8/2014	12	26	6
4/9/2014	10	18	3
4/10/2014	19	27	8
4/11/2014	18	35	6
4/12/2014	0*	37	0
4/13/2014	17	20	6
4/14/2014	9	39	5
4/15/2014	41	23	8
4/16/2014	30**	0	3
TOTAL	126		45

* No shipment on 4/12/14. 10 Drums prepared for shipment.

** 5 cylinders were also shipped off site on 4/16/14.

2.2 Planning Section

2.2.1 Anticipated Activities

Return of residents to the property.

2.2.1.1 Planned Response Activities

Demobilization of all resources.

2.2.1.2 Next Steps

2.2.2 Issues

2.3 Logistics Section

Incoming US Postal Service delivery was accepted by the EPA OSC and delivered to the homeowner.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

Safety at the site is being coordinated by the Emergency and Rapid Response Services (ERRS) contractors under a unified Site-Specific Health and Safety Plan. A Health and Safety meeting was conducted by ERRS and attended by EPA personnel, Superfund Technical Assessment and Response Team (START) personnel, Global Diving Personnel, and Philips personnel.

2.5.2 Liaison Officer

One EPA Community Involvement Coordinator (CIC) is present at the site. Fact sheets were distributed today to houses in the neighborhood.

A final fact sheet (Number 3) has been prepared to distribute to the neighborhood residents after completion of EPA demobilization.

2.5.3 Information Officer

3. Participating Entities

3.1 Cooperating Agencies

Civil Support Team
King County Hazardous Waste Program

4. Personnel On Site

Tuesday 4/15/14

2 - EPA OSCS
1 - EPA CIC
1 - EPA Attorney
2 - EPA Homeland Security Planner

6 - CST
7 - START
3 - ERRS
3 - Philips (An ERRS subcontractor)

Wednesday (4/16/14)

1 - EPA OSC
1 - EPA CIC
1 - EPA PIO

3 - START
3 - ERRS
4 - Philips (An ERRS subcontractor)

Thursday (4/17/14)

1 - EPA OSC
1 - EPA CIC

2 - START

A total of 2,289 hours have been spent on-site since the mobilization on 4/7/12. These hours do not include EPA Regional Council, CICs, PIOs, other agencies that have been on-site. It does not include hours spent by EPA contractors off-site.

5. Definition of Terms

START - Superfund Technical Assessment and Response Team
ERRS - Emergency and Rapid Response Services
CIC - Community Involvement Coordinator
PIO - Public Information Officer
SFD - Seattle Fire Department
CST - Civil Support Team

6. Additional sources of information

6.1 Internet location of additional information/report

Documents and additional information on the site can be found at the following location:

www.epaosc.org/GreenLKChemHouse

6.2 Reporting Schedule

7. Situational Reference Materials

No information available at this time.