

Department of Ecology - Environmental Report Tracking System

ERTS # 648050

Initial Report

External Reference #

Caller Information

First Name KAY
Last Name MORRISON
Business Name EPA
Street Address
Other Address
City State WA Zip
E-mail MORRISON.KAY@EPA.GOV
Confidential_FL ☐
Phone Ext Type
(206) 553-8321 Business

Where did it happen

Berth Anchorage
Location Name
Street Address 6323 5th Ave NE
Other Address
City/Place SEATTLE State WA Zip
County - Region KING NWRO FS ID
WIRA #
Waterway Type
Latitude Longitude
Topo Quad 1:24:000 SEATTLE
Direction/Landmark (mile post, cross roads, township/range)

What happened

Spills Program Oil Spill? N

Incident Date 4/7/2014 Received Date 4/11/2014 10:48
Medium OTHER
Material OTHER HAZARDOUS
Quantity Unit
Source OTHER
Cause OTHER
Activity OTHER
Impact OTHER
Vessel Name
Hull Number

Primary Potentially Responsible Party Information

First Name Last Name
UNKNOWN
Business Name
Street Address
Other Address
City State WA Zip
Phone Ext Type
E-mail

Additional Contact Information

Name Phone Ext Type

More Information

ACID, OXIDIZERS, SOLVENTS, AND OTHER CHEMICALS TYPICALLY FOUND IN LABORATORIES OR COMMERCIAL USE ARE PRESENT ON SITE.

ADDITIONAL INFORMATION AVAILABLE AT:
X:\NWRO ERTS\ERTS Incident Additional Info\2014\648050

Entry Person SACAYANAN, TAMARA

Entry Date 4/11/2014

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Referral

Referral Method		Person Referred to Schwatka, Chad	Referral # 179776
<input type="radio"/> E-mail ERTS number		Phone (425) 649-7092 Fax	Primary <input type="checkbox"/>
<input checked="" type="radio"/> E-mail attachment		E-mail chsc461@ecy.wa.gov	
<input type="radio"/> Print		Program/Organization SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE	
<input type="radio"/> Telephone		Address	
		City Bellevue WA	
		Region/Location NWRO	
		Referral Date 4/11/2014	
Referral Method		Person Referred to MUSA TCP, DONNA	Referral # 185015
<input type="radio"/> E-mail ERTS number		Phone (425) 649-7136 Fax (425) 649-7098	Primary <input checked="" type="checkbox"/>
<input type="radio"/> E-mail attachment		E-mail DMUS461@ECY.WA.GOV	
<input checked="" type="radio"/> Print		Program/Organization TOXICS CLEANUP	
<input type="radio"/> Telephone		Address 3190 160th AVE SE	
		City Bellevue WA 98008-5452	
		Region/Location NWRO	
		Referral Date 6/16/2014	

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Followup

Inspector Information

Referral # 179776
☒ Lead Inspector SACHET, JIM
 Program/Organization SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE
 * Region/Location SWRO
 # of Ecology Staff 2 Overtime ☒

Action

FIELD RESPONSE - TECHNICAL ASSISTANT 4/10/2014 4/10/2014

What happened

Spills Program Oil Spill? N

Incident Date 4/7/2014

Medium

OTHER

Material

OTHER HAZARDOUS

Quantity	Unit	Est
2000	CONTAINER	<input type="checkbox"/>

Source

DOMESTIC

Regulated? ☐

Cause

IMPROPER PROCEDURE

Activity

STORING

Impact

POTENTIAL POLLUTION/RELEASE

Vessel

Where did it happen

Berth Anchorage

Location Name

Street Address 6323 5th Ave NE

Other Address

City/Place SEATTLE State WA Zip

County KING Region NWRO FS ID

Waterway Type

WRIA #

Latitude 47.675 Longitude 122.324

Topo Quad 1:24,000 SEATTLE

Direction/Landmark (mile post, cross roads, township/range)

Potentially Responsible Party Information

Check if the primary PRP provided notice to Ecology ☐

Primary ☒ First Last

Name UNKNOWN

Business Name

Street Address

Other Address

City State WA Zip

Phone Ext Type

E-mail

Narrative

INCIDENT SUMMARY: US EPA took legal action to recover improperly stored chemicals at a residence in the Green Lake area. EPA and contractors started recovery efforts on, or about, April 7th. The house and yard was packed with containers, buckets, jars, boxes, bags of marked and unmarked hazardous materials. EPA contractors established removal, hazardous categorization (hazcat), packing and disposal procedures. On April 9th, an invitation was received from EPA for Ecology to participate in the hazcat efforts. Since NWRO staff were deployed to the SR 530 Slide, the invitation was passed on to SWRO.

This incident represents a significant volume of known and unknown chemicals with mixed hazardous characteristics. There were numerous EPA personnel on scene to direct or support the removal effort. Contractors from Ecology & Environment (E&E), EQM, and Philip Services Corporation were on scene. Safety zones were established. Continuous air and radiological monitoring was also established. Hazcat procedures involved standard field screen tests and the use of portable air monitoring instruments.

On April 10, 2014, I (Jim Sachet) and Kathy Armstrong arrived at the scene at approximately 1010, were given a safety brief and site tour. We then started hazcat operations with EE contractors. We donned Level D PPE and used standard field screening tests to identify the hazard class(es) of individual containers provided by contractors. There were an estimated 2000 containers of various chemicals, mixtures, and samples accumulated over many years of activity by the resident. Not all of the materials had yet been removed from the house, basement, attic and side yard. By the end of the day, Kathy and I had assessed about 150 various containers for USDOT hazard class. Most were corrosive (strong acids or bases), with some having oxidizer and/or flammable hazards. Kathy and I departed the scene at approximately 1745 and arrived back at station in Olympia at approximately 1930.

On Friday, April 11th, Doug Stolz and Kevin Hancock responded to the scene to carry out hazcat support functions for the day.

On Friday, April 11, David Byers also participated in hazcat testing. Jeff Rodin, FOSC, notified Byers that a container of Uranyl Nitrate (10 grams in a 25 gram container bottle) was discovered on scene. Jeff had made contact with the Dept. of Health who had agreed to dispose of the material. Rodin stated that the outside of the 25 gram container was measured at 300 uREM. Byers agreed to transport the container to Olympia for DOH possession and disposal. The Uranyl Nitrate was placed into a small white plastic overpack by EPA. Byers measured the radiation outside the overpack (top, bottom, sides with a G-M penut detector) and could not detect elevated readings above background.

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On Monday, April 14 at 1100, Byers handed the container of uranyl nitrate to Al Conklin at DOH. Conklin measured radiation from the outside of the overpack with a pancake probe. Max reading was 128 counts per min. Byers informed Conklin that EPA would like a disposal receipt. Conklin stated that Steve Matthews collected materials for a year in an overpack, and disposed of it periodically at US Ecology.

From: Byers, David (ECY)
Sent: Monday, April 14, 2014 12:37 PM
To: Rodin, Jeffry; Conklin, Al (DOH)
Subject: Uranyl Nitrate

Jeff and Al,

I handed off the Uranyl Nitrate today to Al, and passed on that EPA would like to receive a disposal receipt.

Here is the contact information I have for each of you:

Al Conklin, 360-481-4804
Jeff Rodin, 2063-890-1826

Best Regards – David Byers

Vessel Emergency ☐

Entry Person: SACHET, JIM

Entry Date 4/11/2014

Inspector Information

Referral # 185015

☐ Lead Inspector MUSA TCP, DONNA

Program/Organization TOXICS CLEANUP

* Region/Location NWRO

of Ecology Staff 1 Overtime ☐

Action

REQUESTED INFORMATION

Start Date 9/5/2014 End Date 9/5/2014

Where did it happen

Followup #2

Berth

Anchorage

Location Name

Street Address 6323 5th Ave NE

Other Address

City/Place SEATTLE State WA Zip

County KING Region NWRO FS ID

Waterway Type

WRIA #

Latitude 47.675 Longitude 122.324

Topo Quad 1:24,000 SEATTLE

Direction/Landmark (mile post, cross roads, township/range)

What happened

Spills Program Oil Spill? N

Incident Date 4/7/2014

Medium

OTHER

Material

OTHER HAZARDOUS

Quantity Unit Est
2000 CONTAINER ☐

Source Regulated? ☐

DOMESTIC

Cause

IMPROPER PROCEDURE

Potentially Responsible Party Information

Check if the primary PRP provided notice to Ecology ☐

Primary ☒ First Last

Name UNKNOWN

Business Name

Street Address

Other Address

City State WA Zip

Phone Ext Type

E-mail

Activity

STORING

Impact

POTENTIAL POLLUTION/RELEASE

Vessel

Narrative

From: Hamilton, Sue [mailto:Sue.Hamilton@kingcounty.gov]
Sent: Monday, June 16, 2014 2:22 PM
To: Musa, Donna K. (ECY)
Cc: Rodin, Jeffry; Best, Rachel (ECY)
Subject: FW: Green Lk Response / Turner Property soil sampling results

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Hi Donna

Attached are EPA's soils sampling results from the cleanup they conducted at a recent ICT site.
Please call us if you need any additional information.

Sue

Sue Hamilton
Interagency Compliance Team (ICT) Coordinator
Local Hazardous Waste Management Program
130 Nickerson St., Suite 100, Seattle, WA 98109
206-263-3045

From: Rodin, Jeffry [mailto:Rodin.Jeffry@epa.gov]
Sent: Monday, June 16, 2014 11:04 AM
To: Hamilton, Sue
Subject: Green Lk Response / Turner Property soil sampling results

Hi Sue,
Here is your cc for the letter, results table and figure from sample locations, to the Turners regarding the soil sample results.
Some results with lead & arsenic. We may be doing some field screening of soil at some of the adjoin neighbors.
We do not intend to do any further removal (soil excavation) at the Turner property at this time.

Please get in touch if you have questions.

Jeffry Rodin
Federal On-Scene Coordinator
U.S. EPA Region 10
Emergency Response Unit
1200 Sixth Ave. Suite 900
Seattle WA 98101
rodin.jeffry@epa.gov
206-553-6709

24 Hr Spill Reporting
National Response Center
800-424-8802

Vessel Emergency ☐

Entry Person: MUSA TCP, DONNA

Entry Date 9/8/2014

Inspector Information

Referral # 185015

☐ Lead Inspector Tomlinson, Priscilla

Program/Organization TOXICS CLEANUP

* Region/Location NWRO

of Ecology Staff 1 Overtime ☐

Action

TCP - SIS

Start Date 11/12/2014 End Date 11/12/2014

Where did it happen

Berth

Anchorage

Location Name

Street Address 6323 5th Ave NE

Other Address

City/Place SEATTLE

State WA Zip

County KING

Region NWRO FS ID

Waterway

Type

WRIA #

Followup #3

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What happened

Spills Program Oil Spill? ☐ N

Latitude

47.675

Longitude

122.324

Incident Date

4/7/2014

Topo Quad 1:24,000 SEATTLE

Medium

Direction/Landmark (mile post, cross roads, township/range)

OTHER

Material

OTHER HAZARDOUS

Quantity

Unit

Est

2000

CONTAINER



Potentially Responsible Party Information

Check if the primary PRP provided notice to Ecology ☐

Source

Regulated? ☐

Primary ☒

First

Last

DOMESTIC

Name HARRIET E TURNER

Cause

Business Name TURNER PROPERTY

IMPROPER PROCEDURE

Street Address 6323 5TH AVE NE

Other Address

City SEATTLE

State WA

Zip 98115-

Activity

STORING

Phone

Ext

Type

Impact

POTENTIAL POLLUTION/RELEASE

E-mail

Vessel

Narrative

COMPLAINT (Brief Summary of ERTS Complaint): Acids, oxidizers, solvents, and other chemicals found stored at a residence.

CURRENT SITE STATUS (Brief Summary of why Site is recommended for Listing or NFA): Sample results indicate benzene, benzo(a)pyrene, cadmium, and lead in soil above Method A levels.

Document reviewed:

Letter from Jeffry Rodin, On-Scene Coordinator, USEPA Region 10, to Harriet Turner, homeowner, re: soil sample results. June 11, 2014. USEPA took legal action to recover improperly stored chemicals at a residence and invited Ecology's spill response unit to participate. On April 10-11, 2014, multiple Ecology spill responders participated in hazard categorization of an estimated 2,000 containers of various chemicals, mixtures, and samples, including one container of uranyl nitrate that exhibited radioactivity. Most of the containers contained strong corrosives and some had oxidizer and/or flammable hazards. Eight surface soil samples were analyzed for metals, volatile organic compounds, and semivolatile organic compounds (location map below).

Detected Compounds in Soil Samples

Analyte(s)	Number of Samples with Detects
Metals (23 analytes)	6
Acetone	1
Benzene	1
Dichlorodifluoromethane	1
Isopropylbenzene	1
Toluene	1
PAHs (18 analytes)	6
Phthalates (3 analytes)	6
Dibenzofuran	3

Maximum Detected Concentrations and MTCA Method A Soil Cleanup Levels (mg/kg)

Analyte	Maximum Detect	Max Location	Method A
Arsenic	20	07	20
Benzene	0.11 J	05	0.03
Benzo(a)pyrene	0.52	06	0.1
Cadmium	2.25	06	2
Chromium (assumed III)	43.5	07	2,000
Lead	1,470	07	250
Mercury	0.39	07	2
Toluene	0.43 J	08	7

Recommendation: List on CSCSL.

Vessel Emergency ☐

Entry Person: MUSA TCP, DONNA

Entry Date 12/1/2014