ERTS # 672292

Referral

Referral # 223269

Primary ☐

Referral Method

- ○ E-mail ERTS number
- ◉ E-mail attachment
- ○ Print
- ○ Telephone

Person Referred to	Alvarez, Kirsten	
Phone	(360) 407-6246	Fax
E-mail	KALV461@ecy.wa.gov	
Program/Organization	TOXICS CLEANUP	
Address	300 Desmond Drive	
City	Lacey	WA
Region/Location	SWRO	
Referral Date	4/18/2017	

Followup (None)

Department of Ecology - Environmental Report Tracking System

ERTS # 672292

Initial Report

External Reference #

Caller Information

	First	Last
Name	Tess	Chadil
Busines Name	Soil Solutions	
Street Address		
Other Address		
City	COOK	State WA Zip
E-mail		Confidential_FL ☐

Phone	Ext	Type
(503) 234-2118		Business

Where did it happen

Berth		Anchorage	
Location Name			
Street Address	61 Jackson Rd		
Other Address			
City/Place	COOK	State WA	Zip 98605
County - Region	SKAMANIA	SWRO	FS ID
WIRA #			
Waterway		Type	
Latitude	45.71156	Longitude	-121.65850

Topo Quad 1:24:000 HOOD RIVER

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

What happened

Spills Program Oil Spill? Y

Incident Date	4/14/2017	Received Date	4/17/2017 15:19
Medium	Land		
Material	Unknown		
Sheen Only	Quantity	To Water	
☐			
Source			
Type	Unknown	Primary ☐	
Cause	LEAKING UNDERGROUND STORAGE TANK		
Incident Type	Oil Spill		
Activity	Unknown		
Impact	SOIL CONTAMINATION		
Vessel Name			
Hull Number			

Primary Potentially Responsible Party Information

	First	Last
Name	Nancy	Elwood
Business Name		
Street Address	6444 NE Going St	
Other Address		
City	PORTLAND	State OR Zip 97218
Phone	(503) 320-1101	Ext Type Business
E-mail	NBElwood@gmail.com	

Additional Contact Information

Name	Phone	Ext	Type

More Information

Caller is reporting an abandoned gas LUST that was removed on Friday at around 14:00. The type of gas is unknown, but tests are currently underway for lead, the caller is waiting for results. The soil was tested prior to removal and was clean. After removing the tank, they noticed 1/2 a yard of contaminated soil that is now cleaned up.

Entry Person Andrews, Brian Entry Date 4/17/2017

Additional or Supplemental Information from Observations Page

FOR ECOLOGY II REVIEWER USE ONLY (For Listing Sites):

How did the Site come to be known: ☐ **Site Discovery (received a report):** _____ (Date Report Received)
☐ **ERTS Complaint**
☐ **Other (please explain):** _____

Does an Early Notice Letter need to be sent: ☐ Yes ☐ No
If *No*, please explain why: _____

NAICS Code (if known): _____
Otherwise, briefly explain how property is/was used (i.e., gas station, dry cleaner, paint shop, vacant land, etc.):
_____

Site Unit(s) to be created (Unit Type): ☐ Upland (includes VCP & LUST) ☐ Sediment
If multiple Units needed, please explain why: _____

Cleanup Process Type (for the Unit): ☐ No Process ☐ Independent Action
☐ Voluntary Cleanup Program ☐ Ecology-supervised or conducted
☐ Federal-supervised or conducted

Site Status: ☐ Awaiting Cleanup ☐ Construction Complete – Performance Monitoring
☐ Cleanup Started ☐ Cleanup Complete – Active O&M/Monitoring
☐ No Further Action Required

Model Remedy Used? ☐
If yes, was this a transformer spill? ☐

Site Manager (Default: _____): _____

Specific confirmed contaminants include:

_____ in Soil

_____ in Groundwater

_____ in Other (specify matrix: _____)

Facility/Site ID No. (if known):
NA
Cleanup Site ID No. (if known):
NA

COUNTY ASSESSOR INFO: Please attach to this report a copy of the tax parcel/ownership information for each parcel associated with the site, as well as a parcel map illustrating the parcel boundary and location.

CONTAMINANT GROUP	CONTAMINANT	SOIL	GROUNDWATER	SURFACE WATER	AIR	SEDIMENT	DESCRIPTION
Other Contaminants	Radioactive Wastes						Wastes that emit more than background levels of radiation.
	Conventional Contaminants, Organic						Unspecified organic matter that imposes an oxygen demand during its decomposition (Example: Total Organic Carbon)
	Conventional Contaminants, Inorganic						Non-metallic inorganic substances or indicator parameters that may indicate the existence of contamination if present at unusual levels (Examples: Sulfides, ammonia)
	Asbestos						All forms of Asbestos. Asbestos fibers have been used in products such as building materials, friction products and heat-resistant materials.
	Other Deleterious Substances						Other contaminants or substances that cause subtle or unexpected harm to sediments (Examples: Wood debris; garbage (e.g., dumped in sediments))
	Benthic Failures						Failures of the benthic analysis standards from the Sediment Management Standards.
	Bioassay Failures						For sediments, a failure to meet bioassay criteria from the Sediment Management Standards. For soils, a failure to meet TEE bioassay criteria for plant, animal or soil biota toxicity.
Reactive Wastes	Unexploded Ordinance						Weapons that failed to detonate or discarded shells containing volatile material.
	Other Reactive Wastes						Other Reactive Wastes (Examples: phosphorous, lithium metal, sodium metal)
	Corrosive Wastes						Corrosive wastes are acidic or alkaline (basic) wastes that can readily corrode or dissolve materials they come into contact with. Wastes that are highly corrosive as defined by the Dangerous Waste Regulation (WAC 173-303-090(6)). (Examples: Hydrochloric acid; sulfuric acid; caustic soda)

(fill in contaminant matrix above with appropriate status choice from the key below the table)

Status choices for contaminants:	
Contaminant Status	**Definition**
B— Below Cleanup Levels (Confirmed)	The contaminant was tested and found to be below cleanup levels. (Generally, we would not enter each and every contaminant that was tested; for example if an SVOC analysis was done we would not enter each SVOC with a status of "below". We would use this for contaminants that were believed likely to be present but were found to be below standards when tested
S— Suspected	The contaminant is suspected to be present; based on some knowledge about the history of the site, knowledge of regional contaminants, or based on other contaminants known to be present
C— Confirmed Above Cleanup Levels	The contaminant is confirmed to be present above any cleanup level. For example—above MTCA method A, B, or C; above Sediment Quality Standards; or above a presumed site-specific cleanup level (such as human health criteria for a sediment contaminant).
RA— Remediated - Above	The contaminant was remediated, but remains on site above the cleanup standards (for example—capped area).
RB— Remediated - Below	The contaminant was remediated, and no area of the site contains this contaminant above cleanup standards (for example— complete removal of contaminated soils).

Halogenated chemicals and solvents: Any chemical compound with chloro, bromo, iodo or fluoro is halogenated; those with eight or fewer carbons are generally solvents (e.g. halogenated methane, ethane, propane, butane, pentane, hexane, heptane or octane) and may also be used for or registered as pesticides or fumigants. Most are dangerous wastes, either listed or categorical. Organic compounds with more carbons are almost always halogenated pesticides or a contaminant or derivative. Referral to the HSDB is recommended if you are unfamiliar with a chemical name or compound, as it contains useful information about synonyms, uses, trade names, waste codes, and other regulatory information about most toxic or potentially toxic chemicals.

Dibenzodioxins and dibenzofurans are normalized to a combined equivalent toxicity based on 2,3,7,8-tetrachloro-p-dibenzodioxin as set out in WAC 173-340-708(8)(d) and in the Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures using Toxicity Equivalency Factors Focus Sheet (https://fortress.wa.gov/ecy/clarc/FocusSheets/tef.pdf). Results may be reported as individual compounds and isomers (usually lab results), or as a toxic equivalency value (reports).

CONTAMINANT GROUP	CONTAMINANT	SOIL	GROUNDWATER	SURFACE WATER	AIR	SEDIMENT	DESCRIPTION
Non-Halogenated Organics	Phenolic Compounds						Compounds containing phenols (Examples: phenol; 4-methylphenol; 2-methylphenol)
	Non-Halogenated Solvents						Organic solvents, typically volatile or semi-volatile, not containing any halogens. To determine if a product has halogens, search HSDB (http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB) and look at the Chemical/Physical Properties, and Molecular Formula. If there is not a Cl, I, Br, F in the formula, it's not halogenated. (Examples: acetone, benzene, toluene, xylenes, methyl ethyl ketone, ethyl acetate, methanol, ethanol, isopropranol, formic acid, acetic acid, stoddard solvent, Naptha). *Use this when TEX contaminants are present independently of gasoline.*
	Polynuclear Aromatic Hydrocarbons (PAH)						Hydrocarbons composed of two or more benzene rings.
	Tributyltin						The main active ingredients in biocides used to control a broad spectrum of organisms. Found in antifouling marine paint, antifungal action in textiles and industrial water systems. (Examples: Tributyltin; monobutyltin; dibutyltin)
	Methyl tertiary-butyl ether						MTBE is a volatile oxygen-containing organic compound that was formerly used as a gasoline additive to promote complete combustion and help reduce air pollution.
	Benzene	B					Benzene
	Other Non-Halogenated Organics	B					TEX
	Petroleum Diesel						Petroleum Diesel
	Petroleum Gasoline	RB					Petroleum Gasoline
	Petroleum Other						Oil-range organics
Halogenated Organics (see notes at bottom)	PBDE						Polybrominated di-phenyl ether
	Other Halogenated Organics						Other organic compounds with halogens (chlorine, fluorine, bromine, iodine). search HSDB (http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB) and look at the Chemical/Physical Properties, and Molecular Formula. If there is a Cl, I, Br, F in the formula, it is halogenated. (Examples: Hexachlorobutadiene; hexachlorobenzene; pentachlorophenol)
	Halogenated solvents						PCE, chloroform, EDB, EDC, MTBE
	Polychlorinated Biphenyls (PCB)						Any of a family of industrial compounds produced by chlorination of biphenyl, noted primarily as an environmental pollutant that accumulates in animal tissue with resultant pathogenic and teratogenic effects
	Dioxin/dibenzofuran compounds (see notes at bottom)						A family of more than 70 compounds of chlorinated dioxins or furans. (Examples: Dioxin; Furan; Dioxin TEQ; PCDD; PCDF; TCDD; TCDF; OCDD; OCDF). *Do not use for 'dibenzofuran', which is a non-chlorinated compound that is detected using the semivolatile organics analysis 8270*
Metals	Metals - Other						Cr, Se, Ag, Ba, Cd
	Lead	B					Lead
	Mercury						Mercury
	Arsenic						Arsenic
Pesticides	Non-halogenated pesticides						Pesticides without halogens (Examples: parathion, malathion, diazinon, phosmet, carbaryl (sevin), fenoxycarb, aldicarb)
	Halogenated pesticides						Pesticides with halogens (Examples: DDT; DDE; Chlordane; Heptachlor; alpha-beta and delta BHC; Aldrin; Endosulfan, dieldrin, endrin)

OBSERVATIONS ☐ **Please check this box if you included information on the Supplemental Page at end of report.**

Description (If site visit made, please be sure to include the following: site observations, site features and cover, chronology of events, sources/past practices likely responsible for contamination, presence of water supply wells and other potential exposure pathways, etc.):

On April 14, 2017 Soil Solutions Environmental Services (SSES) decommissioned a 550 gallon steel under ground storage tank (UST) and a dispenser. 100 gallons of product and some water was pumped from the UST prior to its removal. The tank's interior was pressure washed and the rinse water and product was transported to SSES's equipment yard for temporary storage. The liquids were transported and disposed by Oil Re-refining Company in Portland, OR. There were no corrosion holes noted on the tank. Contamination was observed in the soil at the west tank bottom. .5 yards of contaminated petroleum soil was removed from site.

Six soil samples were collected and transported to Friedman & Bruya Laboratory for analysis. Samples one through four were discrete Geo-probe borings. These samples were analyzed for gasoline, diesel and heavy oil hydro carbons using the Northwest Analytical Method Hydrocarbon Identification Method (NWTPH-HCID). Samples five and six were excavation grab samples. Grab samples were analyzed for gasoline, diesel, and heavy oil using NWTPH-HCID. Benzene, toluene, ethylbenzene, total xylene (BTEX) and TPH as gasoline were analyzed using EPA's Method 8021B and NWTPH-Gx. Lead was analyzed using TCLP Metals by EPA Method 6020A and 1311.

S1 was sampled at 4.6 to 5.6 ft below ground surface (bgs) on the west side of the tank. S2 was sampled at 3 to 5 ft bgs on the east side of the tank. S3 was sampled at 4.6 to 5.6 ft bgs on the south side of the tank. S4 was sampled at 3 to 5 ft bgs on the North side of the tank. No detections were reported for samples S1 through S4 above the lab's reporting limit. SG5 was sampled at 5 ft bgs at the west side of the tank bottom. Sample was collected to determine the extent of the contamination. Results indicated 7200 mg/kg (laboratory qualifier) of gasoline,.08 mg/kg (laboratory qualifier) of Benzene, 7.4 mg/kg of Toluene, 13 mg/kg of Ethylbenzene, 160 mg/kg of Total Xylene and less than less than 1mg/kg of Lead. Diesel and Heavy oil were not detected above the lab's reporting limit. SG6 was collected at 5.5 ft bgs from the west pit bottom. Sample was collected to establish cleanup confirmation. Sample results indicated less than 2 mg/kg of gasoline, less than .02 mg/kg of Benzene, less than .02 mg/kg of Toluene, less than .02 mg/kg of Ethylbenzene and less than .06 mg/kg of Total Xylene. Lead, Heavy oil and Diesel were not detected above the lab's reporting limit.

Contaminated soil has been successfully remediated from site. No further action is recommended.

Documents reviewed:

Phase II Site Assessment, Soil Solutions Environmental Services, Inc., 5/19/17.

INITIAL INVESTIGATION FIELD REPORT

WASHINGTON STATE DEPARTMENT OF ECOLOGY

☐ **Check this box if you have attached any documents to this form (using the paperclip icon on the left).**

ERTS #(s):	672292
Parcel #(s):	03093421020000
County:	Skamania
FSID #:	NA
CSID #:	NA
UST #:	NA

SITE INFORMATION

Site Name (Name over door):	Site Address (including City, State and Zip):	Phone / Email
Elwood Residence UST	61 Jackson Road Cook, WA 98605	
Site Contact, Title, Business: Frank G & Amy Webster, Owner, Private Property	Site Contact Address (including City, State and Zip): 3806 SE 34th Avenue Portland, OR 97202	Phone / Email
Site Owner, Title, Business:	Site Owner Address (including City, State and Zip):	Phone / Email
Site Owner Contact, Title, Business:	Site Owner Contact Address (including City, State and Zip):	Phone / Email
Previous Site Owner(s):	Additional Info (for any Site Information Item):	
Alternate Site Name(s):		

Latitude (Decimal Degrees):	
Longitude (Decimal Degrees):	

INSPECTION INFORMATION

☐ Please check this box if there is relevant inspection information, such as data or photos, in an existing site report for this site.

Inspection Conducted? Yes ☐ No ☒	Date/Time:	Entry Notice: Announced ☐	Unannounced ☐
Photographs taken? Yes ☐	No ☒	Note: Attach photographs or upload to PIMS	
Samples collected? Yes ☐	No ☒	Note: Attach record with media, location, depth, etc.	

RECOMMENDATION

No Further Action (Check appropriate box below):		**LIST on Confirmed and Suspected Contaminated Sites List:** ☐
Release or threatened release does not pose a threat	☐	
No release or threatened release	☐	
Refer to program/agency (Name: _____)	☐	
Independent Cleanup Action Completed (contamination removed)	☒	

COMPLAINT (Brief Summary of ERTS Complaint):

Site Discovery Documents, Phase II Environmental Site Assessment received May 19, 2017.

CURRENT SITE STATUS (Brief Summary of why Site is recommended for Listing or NFA):

Contaminated soil and UST removed from property.

Investigator: Mark Willoughby Date Submitted: 5/22/17