



# INITIAL INVESTIGATION FIELD REPORT

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

ERTS #(s):  
 Parcel #(s):  
 County:  
 FSID #:  
 CSID #:  
 UST #:

NA
10141
Cowlitz
NA
NA
NA

## SITE INFORMATION

<u>Site Name (Name over door):</u> Ross Simmons Hardwood <i>Lumber Co</i>	<u>Site Address (including City, State and Zip):</u> 250 Industrial Way Longview, WA 98632	<u>Phone</u> <u>Email</u>
<u>Site Contact, Title, Business:</u> Catherine Simmons, Owner, Industrial	<u>Site Contact Address (including City, State and Zip):</u> 26701 SE Fifth Street Camas, WA 98607	<u>Phone</u> <u>Email</u>
<u>Site Owner, Title, Business:</u>	<u>Site Owner Address (including City, State and Zip):</u>	<u>Phone</u> <u>Email</u>
<u>Site Owner Contact, Title, Business:</u>	<u>Site Owner Contact Address (including City, State and Zip):</u>	<u>Phone</u> <u>Email</u>
<u>Previous Site Owner(s):</u>	<u>Additional Info (for any Site Information Item):</u>	
<u>Alternate Site Name(s):</u>		

<u>Latitude (Decimal Degrees):</u>
<u>Longitude (Decimal Degrees):</u>

## 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 <input type="checkbox"/> No <input checked="" type="checkbox"/>	Date/Time:	Entry Notice: Announced <input type="checkbox"/> Unannounced <input type="checkbox"/>
Photographs taken? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Note: Attach photographs or upload to PIMS	
Samples collected? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Note: Attach record with media, location, depth, etc.	

## RECOMMENDATION

<b>No Further Action</b> (Check appropriate box below):	<b>LIST on Confirmed and Suspected Contaminated Sites List:</b> <input checked="" type="checkbox"/>
Release or threatened release does not pose a threat <input type="checkbox"/>	
No release or threatened release <input type="checkbox"/>	
Refer to program/agency (Name: _____) <input type="checkbox"/>	
Independent Cleanup Action Completed (contamination removed) <input type="checkbox"/>	

## COMPLAINT (Brief Summary of ERTS Complaint):

Site Discovery Documents, Phase II Environmental Site Assessment received July 7, 2017.

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

Contaminated soil and groundwater remain on property.

Investigator: Mark Willoughby	Date Submitted: 7/13/17
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**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.):

PBS Environmental conducted a Phase 1 Environmental Site Assessment (ESA) in July 1997 and found that approximately 110 cubic yards of petroleum contaminated soil was removed from the east side of the truck shop, and spread out in the log yard on the northern portion of the property.

A Phase II ESA was conducted in June 1997. Five test pits (TP) were completed and soil and groundwater (GW) were tested. GW and soil were tested for diesel, heavy oil, benzene, ethylbenzene, o,m,p-xylenes and naphthalene. Saturated soil was encountered at 4-7 feet below ground surface (bgs). Diesel and heavy oil petroleum hydrocarbons were detected on the south and west sides of the truck shop. Contaminated soils covered approximately 4500 square feet with an average thickness of 3.5 feet. The total estimated volume was 600 cubic yards. GW at TP-1 contained 2.09 mg/L in excess of MTCA 0.5 mg/L. A regulatory criteria of 1.0 mg/L was applied to groundwater because of the risk of it migrating off site to the east. TP-1 was located between the truck shop and the fabrication shop north of the septic tank.

December 1999 seven additional test pits and six temporary borings were done. Borings were done using a push probe drilling rig. 16 soil samples were collected varying in depths from 1 to 16 feet bgs, and 6 GW samples were collected. The following soil samples exceeded MTCA: TP4a-4 sampled at 4 ft contained 4710 mg/kg of heavy oil, TP5a-2 sampled at 2 ft contained 4390 mg/kg of heavy oil, TP6a-2 sampled at 2 ft contained 7920 mg/kg of heavy oil, GP1-2 sampled at 2 ft contained 47400 mg/kg of diesel, 62400 mg/kg of heavy oil and 8.71mg/kg of naphthalene, GP2-4 sampled at 4 ft contained 14400 mg/kg of diesel, 16500 mg/kg of heavy oil and 16.2 mg/kg of naphthalene, GP4-4 sampled at 4 ft contained 4320 mg/kg of diesel and 4500 mg/kg of heavy oil, GP5-4 sampled at 5 ft contained 4710 mg/kg of heavy oil. The following GW samples exceeded MTCA: GP3-W contained .989 mg/L of heavy oil, GP4-W contained .589 mg/L of diesel and .613 mg/L of heavy oil.

July 8,2016 four test pits were completed in the following areas: (1) Near the former septic tank between the truck shop and the fabrication shop. Soil sample TP-8 was collected from 4 ft bgs and GW at 10-12 ft bgs. (2) Off the SE corner of the truck stop. GW sample TP-11 was collected from 10-12 ft bgs. (3) Between the two buildings off the SE corner of the fabrication shop. Soil sample TP-9 was collected from 4 ft bgs. (4) 40 ft south of the fabrication shop. Soil sample TP-10 was collected from 2 ft bgs.

Documents reviewed:

Phase II Site Assessment, PBS Engineering & Environmental,7/7/17.

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 ( <a href="http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB">http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB</a> ) 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, isopropanol, formic acid, acetic acid, stoddard solvent, Naptha). Use this when TEX contaminants are present independently of gasoline.
	Polynuclear Aromatic Hydrocarbons (PAH)	C	B				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						Benzene
	Other Non-Halogenated Organics	B	B				TEX
	Petroleum Diesel	C	C				Petroleum Diesel
	Petroleum Gasoline						Petroleum Gasoline
	Petroleum Other	C	C				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 ( <a href="http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB">http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB</a> ) 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 semivolatiles analysis 8270
Metals	Metals - Other						Cr, Se, Ag, Ba, Cd
	Lead						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)

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 Ordnance						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	Definition
<b>Contaminant Status</b>	<b>Definition</b>
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).

**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 **Model Remedy Used?**   
 Cleanup Started  Cleanup Complete – Active O&M/Monitoring **If yes, was this a**   
 No Further Action Required **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.

**Additional or Supplemental Information from Observations Page**

The following soil samples exceeded MTCA: TP-8-4 sampled at 4 ft contained 58100 mg/kg of diesel and 74300 of heavy oil, TP-8-9 sampled at 9 ft contained 2420 mg/kg of diesel and 2320 mg/kg of heavy oil. GW sample TP-8-GW exceeded MTCA. It contained 1.380 mg/L of diesel and 1.580 mg/L of heavy oil.

Given the remaining soil and groundwater contamination, this site is recommended to be listed on the Confirmed and Suspected contaminated Sites List.