

SITE INFORMATION

ITIAL 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 #:**

717856	
22002	
Yakima	
99998838	
16760	
none	

Phone Email

Email

Phone

Email

Phone

Email

Phone (509) 392-3719

Lacey@nwffenviro.com

Site Name (Name over door): Site Address (including City, State and Zip): 6504 Postma Rd Transformer Release 6504 Postma Road, Yakima, WA 98901 Site Contact Address (including City, State and Zip): Site Contact, Title, Business: Lacev Harris, Response Manager. 2135 Henderson Lp, Richland, WA 99354 NWFF Environmental Site Owner Address (including City, State and Zip): Site Owner, Title, Business: Site Owner Contact, Title, Business: Site Owner Contact Address (including City, State and Zip):

Previous Site Owner(s):	Additional Info (for any Site Information Item):
	The transformer is owned by Pacific Power [825 NE Multnomah, Ste.
Alternate Site Name(s):	1700, Portland, OR 97231; ppenvirocomp@pacificcorp.com].

	Latitude (D Longitude (ecimal Degi Decimal De	rees): 40 egrees): -1	6.56243 120.41432		
NSPECTION INF	ORMATION	4		Please check this box if there is relevant insp photos, in an existing site report for this site.	ection infor	mation, such as data or
Inspection Condu Yes 🗌 N	ucted? lo 🛛	Date/Time	:	Entry Notice: Announced 🔲	Unanno	unced 🔲
Photographs take	n? Yes		No 🗵	Note: Attach photographs or upload to PIMS		

Note: Attach record with media, location, depth, etc.

RECOMMENDATION

Samples collected?

INSP

No Further Action (Check appropriate box below):	LIST on Confirmed and Suspected
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):

Yes 🗖

On September 22, 2022, dielectric oil (mineral oil) was released from a pole-mounted transformer. Analysis of the mineral oil showed a total PCB concentration (consisting of Arochlor 1254 and 1260) of 88 mg/kg which is above the Method A soil CUL of 1 mg/kg.

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

No 🗵

The contaminated soil resulting from the release was sufficiently cleaned up per the MTCA cleanup standards.

Investigator: John Mefford

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.):

A release occurred from a pole-mounted transform situated in the south right-of-way of Postma Road. The quantity of the released oil was estimated as less than a gallon. Cleanup of the impacted soil was performed and confirmation sampling and analysis showed that the characterization and cleanup were sufficient. The analysis consisted of EPA Method 8082A which can quantify seven Arochlors.

The contaminated soil was classified as TSCA hazardous waste and was properly disposed of at the Chemical Waste Management (hazardous waste) facility in Arlington, Oregon. The quantity of waste disposed amounted to an equivalent weight of 0.035 ton.

A TEE is not warranted since all of the contaminated soil was sufficiently removed.

An irrigation canal traverses the west boundary of the property. The spill location is situated approximately 290 feet east of the canal. There are no surface water conveyances to the canal from the release area and the cleanup was sufficient so there is no threat to surface water.

Documents reviewed:

ERTS Incident #717856

Letter report by NWFF Environmental File: 8441_Final_Report.pdf

Laboratory analyical results by Apex Laboratories File: A210957_FINAL_10_06_22_1248_NWFF_Moxee_WA_8441-PP.pdf

CONTAMINANT GROUP	CONTAMINANT	TIOS	GROUNDWATER	SURFACE WATER	AIR	SEDIMENT	DESCRIPTION
	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.
Non-	Polynuclear Aromatic Hydrocarbons (PAH)						Hydrocarbons composed of two or more benzene
Halogenated Organics	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						additive to promote complete combustion and help reduce air pollution.
	Benzene						Benzene
	Other Non-Halogenated Organics						TEX
	Petroleum Diesel						Petroleum Diesel
	Petroleum Gasoline						Petroleum Gasoline
	Petroleum Other	RB					Oil-range organics
	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 CI, I, Br, F in the formula, it is halogenated. (Examples: Hexachlorobutadiene; hexachlorobenzene; pentachlorophenol)
Halogenated Organics (see	Halogenated solvents						PCE, chloroform, EDB, EDC, MTBE
notes at bottom)	Polychlorinated Biphenyls (PCB)	RB					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						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	NOS	GROUNDWATEF	SURFACE WATER	AIR	SEDIMENT	DESCRIPTION
	Radioactive Wastes						Wastes that emit more than background levels of radiation.
Other Contaminants	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-pdibenzodioxin 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 re ☑ ERTS Complaint ☑ Other (please explain): 	əport): (Da	te Report Received)					
Does an Early Notice Letter need to I If <i>N</i> o, please explain why: <u>NFA</u>	be sent: 🗌 Yes 🛛 No							
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): I Upland (includes VCP & LUST) Sediment If multiple Units needed, please explain why:								
Cleanup Process Type (for the Unit):	Cleanup Process Type (for the Unit): No Process Voluntary Cleanup Program Ecology-supervised or conducted							
Site Status: Awaiting Cleanup Cleanup Started No Further Action Rec	Construction Complete – Perform Cleanup Complete – Active O&M quired	nance Monitoring I/Monitoring	Model Remedy Used?					
Site Manager (Default:): _								
Specific confirmed contaminants include: Facility/Site ID No. (if known):								
petroleum other; <u>PCBs</u> in Soil		Cleanup Site I	D No. (if known):					
in Groundwater								
in Other (specify i	matrix:)							

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.

Abbreviated Legal Description:

TH PT OF LOT 4 LY E'LY OF UNION GAP CANAL EX E 457 FT MH>REAL 1975 HOMETTE 70X14 SER# 039501551



Additional or Supplemental Information from Observations Page