DEPARTMENT OF ECOLOGY
State of Washington

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

ERTS #(s):	**724512**
Parcel # (s):	014472001001
County:	**Lewis**
FSID #:	100003229
CSID #:	**17160**
UST #:	**Click to enter text.**

SITE INFORMATION

Site Name (Name over door): 239 Zandecki Rd, Napavine WA	Site Address (including City, State, and Zip): 239 Zandecki Rd, Napavine, WA 98565	Phone Click to enter text. Email **Click to enter text.**
Site Contact, Title, Business: GeoEngineers for/Puget Sound Energy	Site Contact Address (including City, State, and Zip): 17425 NE Union Hill Rd; Redmond, WA	Phone (719) 494-4248 Email clunde@geoengineers.com
Site Owner, Title Business: Puget Sound Energy, Inc.	Site Owner Address (including City, State, and Zip): PO Box 97034, Bellevue, WA 98009-9734	Phone **Click to enter tex** Email **Click to enter text.**
Site Owner Contact, Title, Business: **Click to enter text.**	Site Owner Contact Address (Including City, State, and Zip):	Phone **Click to enter tex** Email
Previous Site Owner(s): **Click to enter text.**	Additional Info (for any Site Information Item): **Click to enter text.**	
Alternate Site Name(s): **Click to enter text.**		

Latitude (Decimal Degrees):	46.53454
Longitude (Decimal Degrees):	-122.83839

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: Click to enter text.	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: **Click to enter text.**)	☐	
Independent Cleanup Action Completed (contamination removed)	☒	

COMPLAINT (Brief Summary of ERTS Complaint):

Puget Sound Energy (PSE) reported a release to soil of approximately 5 gallons of compressor oil leaking from an overflow valve and overflowing a 5-gallon collection bucket. No estimate of the oil overflow volume nor time was determined. Overflow was adjacent to Saturn Compressor Building.

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

Further action necessary. Compressor oil was not remediated in soil to below the MTCA A Unrestricted CUL.

Investigator: **Joseph Hunt, LHG**	Date Submitted: 1/2/2024

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):

August 2, 2023. Preferred cleanup was product capture and removal of impacted soil to below MTCA Method A CULs via field screening. Approximately 3 cubic yards of compressor oil-impacted soil was recovered from the release area via a vactor truck and disposed of at the PRS facility in Tacoma, WA under manifest and permit.

The remedial excavation was of dimensions 4 feet long by 5.5 feet wide at its widest point by 4 feet deep at its deepest point. Five soil confirmation samples were collected from the final limits of the excavation and were analyzed for diesel and lube oil-range hydrocarbons and total RCRA metals by Northwest Series Method NWTPH-Dx and EPA Method 6010/7471B at OnSite Environmental, Inc. (OnSite) in Redmond, Washington. Although both diesel and the detected metals (barium, chromium, lead) were either not detected at or above the laboratory method reporting limits (MRL) (diesel) or above the MRL but below the MTCA Method A cleanup levels (CUL) (metals), lube oil was detected an order of magnitude above the MTCA A CUL of 2,000 milligrams per kilogram (mg/Kg) for heavy oil in all five of the soil confirmation samples. Lube oil concentrations ranged from 6,700 to 14,000 mg/Kg in the samples.

Ecology Analysis: Mineral oil-impacted soil was not effectively remediated to levels below the MTCA CUL for unrestricted land use. In addition, polycyclic aromatic hydrocarbons should be analyzed to assess intrinsic content. As a result, further remedial action via excavation and additional soil confirmation sampling is necessary at the spill site. Further, a Terrestrial Ecological Evaluation should be conducted after additional excavation and upon collection of the final soil confirmation samples for analysis of the requisite analytes.

Documents reviewed:

Spill and Cleanup Data Report for ERTS #724512; 239 Zandecki Road, Chehalis WA; GeoEngineers File Number 9186-179-04, Task 34; December 12, 2023.

CONTAMINANT GROUP	CONTAMINANT	*SOIL*	*GROUNDWATER*	*SURFACE WATER*	*AIR*	*SEDIMENT*	DESCRIPTION
Non-Halogenated Organics	Phenolic Compounds	Select	Select	Select		Select	Compounds containing phenols (Examples: phenol; 4-methylphenol; 2-methylphenol)
	Non-Halogenated Solvents	Select	Select	Select	Select	Select	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)	**S**	Select	Select	Select	Select	Hydrocarbons composed of two or more benzene rings.
	Tributyltin	Select	Select	Select		Select	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	Select	Select	Select	Select	Select	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	Select	Select	Select	Select	Select	Benzene
	Other Non-Halogenated Organics	Select	Select	Select	Select	Select	TEX
	Petroleum Diesel	Select	Select	Select		Select	Petroleum Diesel
	Petroleum Gasoline	Select	Select	Select	Select	Select	Petroleum Gasoline
	Petroleum Other	**C**	Select	Select		Select	Heavy Oil-range organics
Halogenated Organics (see notes at bottom)	PBDE	Select	Select	Select	Select	Select	Polybrominated di-phenyl ether
	Other Halogenated Organics	Select	Select	Select	Select	Select	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	Select	Select	Select	Select	Select	PCE, chloroform, EDB, EDC, MTBE
	Polychlorinated Biphenyls (PCB)	Select	Select	Select	Select	Select	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)	Select	Select	Select	Select	Select	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	Select	Select	Select		Select	Cr, Se, Ag, Ba, Cd
	Lead	Select	Select	Select		Select	Lead
	Mercury	Select	Select	Select	Select	Select	Mercury
	Arsenic	Select	Select	Select		Select	Arsenic
Pesticides	Non-halogenated pesticides	Select	Select	Select	Select	Select	Pesticides without halogens (Examples: parathion, malathion, diazinon, phosmet, carbaryl (sevin), fenoxycarb, aldicarb)
	Halogenated pesticides	Select	Select	Select	Select	Select	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	Select	Select	Select	Select	Select	Wastes that emit more than background levels of radiation.
	Conventional Contaminants, Organic	Select	Select	Select		Select	Unspecified organic matter that imposes an oxygen demand during its decomposition (Example: Total Organic Carbon)
	Conventional Contaminants, Inorganic	Select	Select	Select	Select	Select	Non-metallic inorganic substances or indicator parameters that may indicate the existence of contamination if present at unusual levels (Examples: Sulfides, ammonia)
	Asbestos	Select	Select	Select	Select	Select	All forms of Asbestos. Asbestos fibers have been used in products such as building materials, friction products and heat-resistant materials.
	Other Deleterious Substances	Select	Select	Select		Select	Other contaminants or substances that cause subtle or unexpected harm to sediments (Examples: Wood debris; garbage (e.g., dumped in sediments))
	Benthic Failures	Select	Select	Select		Select	Failures of the benthic analysis standards from the Sediment Management Standards.
	Bioassay Failures	Select	Select	Select		Select	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	Select	Select	Select	Select	Select	Weapons that failed to detonate or discarded shells containing volatile material.
	Other Reactive Wastes	Select	Select	Select	Select	Select	Other Reactive Wastes (Examples: phosphorous, lithium metal, sodium metal)
	Corrosive Wastes	Select	Select	Select	Select	Select	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).

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

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

Does an Early Notice Letter need to be sent: ☐ Yes ☐ No
If *No*, please explain why: Click to enter text.

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

Site Unit(s) to be created (Unit Type): ☐ Upland (includes VCP & LUST) ☐ Sediment
If multiple Unites needed, please explain why: Click to enter text.

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

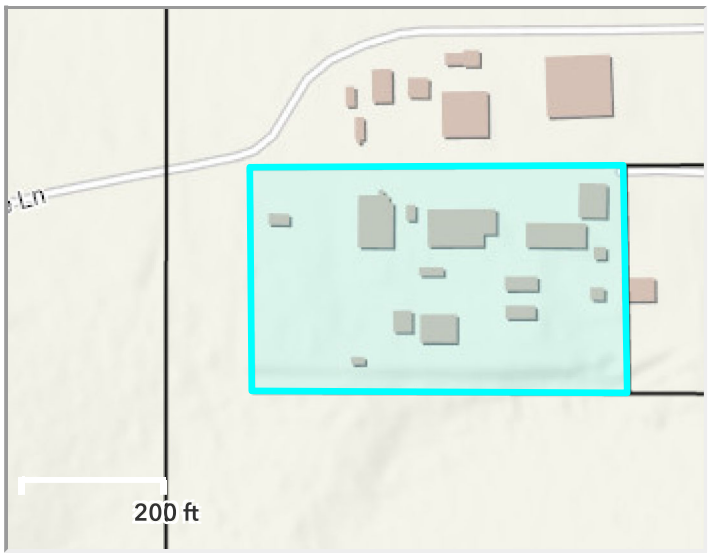
Model Remedy Used? ☐
If yes, was this a transformer spill? ☐

Site Manager (Default Click to enter text.**)** Click to enter text.

Specific confirmed contaminants include:
in Soil
Click to enter text. in Groundwater
Click to enter text. in Other (specify matrix: Choose an item.

Facility/Site ID No. (if known):
Click to enter text.
Cleanup Site ID No. (if known):
Click to enter text.

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.



Address	239 Zandecki Rd, Napavine
Parcel Number	**014472001001**
Owner	Puget Sound Energy Inc, Et Al
Account #	2186487

Assessed Value	Taxes Owed
$464,900	Taxes Current

General Information

Parcel Number	014472001001
Address	239 Zandecki Rd, Napavine
Use Code	48 Utilities
TCA (Tax Code Area)	110
Current Use	No
Total Acres	3.450

Owner	Puget Sound Energy Inc, Et Al Po Box 97034 Bellevue, WA 98009-9734
Tax Payer	Puget Sound Energy Inc, Et Al Po Box 97034 Bellevue, WA 98009-9734
Partial Legal Description	Section 08 Township 12N Range 01W PT SE4 SW4

Property Values

Tax Year	Assessed Value	Land Value	Improvement Value	Current Use Land	Taxable Value Regular	Taxable Value Excess
2023	$464,900	$62,400	$402,500	$0	$464,900	$464,900
2022	$428,500	$62,400	$366,100	$0	$428,500	$428,500
2021	$514,000	$62,400	$451,600	$0	$514,000	$514,000
2020	$393,100	$62,400	$330,700	$0	$393,100	$393,100
2019	$762,900	$49,900	$713,000	$0	$762,900	$762,900
2018	$770,400	$49,900	$720,500	$0	$770,400	$770,400
2017	$770,400	$49,900	$720,500	$0	$770,400	$770,400
2016	$767,000	$46,500	$720,500	$0	$767,000	$767,000
2015	$755,000	$34,500	$720,500	$0	$755,000	$755,000
2014	$755,000	$34,500	$720,500	$0	$755,000	$755,000
2013	$755,000	$34,500	$720,500	$0	$755,000	$755,000

Tax Year	Assessed Value	Land Value	Improvement Value	Current Use Land	Taxable Value Regular	Taxable Value Excess
2012	$610,000	$34,500	$575,500	$0	$610,000	$610,000
2011	$610,000	$34,500	$575,500	$0	$610,000	$610,000
2010	$435,500	$34,500	$401,000	$0	$435,500	$435,500
2009	$435,500	$34,500	$401,000	$0	$435,500	$435,500
2008	$435,500	$34,500	$401,000	$0	$435,500	$435,500
2007	$435,500	$34,500	$401,000	$0	$435,500	$435,500
2006	$435,500	$34,500	$401,000	$0	$435,500	$435,500
2005	$435,500	$34,500	$401,000	$0	$435,500	$435,500
2004	$401,100	$34,500	$366,600	$0	$401,100	$401,100
2003	$401,100	$34,500	$366,600	$0	$401,100	$401,100
2002	$401,100	$34,500	$366,600	$0	$401,100	$401,100
2001	$401,100	$34,500	$366,600	$0	$401,100	$401,100
2000	$341,250	$27,600	$313,650	$0	$341,250	$341,250
1999	$341,250	$27,600	$313,650	$0	$341,250	$341,250
1998	$341,250	$27,600	$313,650	$0	$341,250	$341,250
1997	$341,250	$27,600	$313,650	$0	$341,250	$341,250
1996	$240,000	$13,800	$226,200	$0	$240,000	$240,000
1995	$240,000	$13,800	$226,200	$0	$240,000	$240,000

Sales History

Sorry there is no sales history available for this parcel.

Charge History

Current Balance

Year	Description	Amount

Past Charges

Year	Description	Amount

Payment History

Payment Charges

Date	Receipt #	Description	Amount

Building Land

Detached Structures

Structure	Quality	Condition	Year Built	Main Fin. Area	Upper Fin. Area	Measure 1	Measure 2
Shop	Good	Average	1969	288		16	18
Shop	Good	Average	1969	576		24	24
Canopy-Cover	Low-Cost	Average	1992	384		16	24
Homesite		Average				1	
POLE BARN	Average	Average	2012	256		16	16

Commercial Buildings

Building Type	# Floors	Perimeter	Year Built	Construction	Heat	Condition	Quality	Total Sq.Ft.
Office	1.0	92	1992	S	NO	Average	Average	528
Light Industrial Shell	1.0	210	1975	S	EL	Average	Good	3852
Light Industrial Shell	1.0	140	1975	D	EL	Average	Good	1200
Light Industrial Shell	1.0	256	1975	S	EL	Average	Good	1728
Light Industrial Shell	1.0	244	2012	S	EL	Average	Good	2560

Land

Frontage Est.	Depth Est.	Sq.Ft.	Acres	Use Code	Soil Class	Soil Quality	Forest Grade	Index/Yield	Location
			3.450						