



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 #:

667383
4230-002-005-0203
Kitsap
5559
13189

SITE INFORMATION

<u>Site Name (Name over door):</u> Poulsbo Old City Hall	<u>Site Address (including City, State and Zip):</u> 19050 Jensen Way Poulsbo, WA 98370	<u>Phone</u> <u>Email</u>
<u>Site Contact, Title, Business:</u> Andrzej Kasiniak, City of Poulsbo Director of Engineering	<u>Site Contact Address (including City, State and Zip):</u> 200 Moe Street, 2nd Floor Poulsbo, WA 98370	<u>Phone</u> (360) 394-9720 <u>Email</u> akasiniak@cityofpoulsbo.com
<u>Site Owner, Title, Business:</u> City of Poulsbo	<u>Site Owner Address (including City, State and Zip):</u> 200 Moe Street Poulsbo, WA 98370	<u>Phone</u> (360) 779-4078 <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> Poulsbo City Hall Building, Old Poulsbo Fire Station, Former City Hall, Town Hall		

<u>Latitude (Decimal Degrees):</u> 47.73581390
<u>Longitude (Decimal Degrees):</u> 122.64727849

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: 09/16/2016	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):

Report of UST removed during building demolition. Lab analysis of the soil shows hydrocarbon levels are above MTCA A.

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

The City has successfully remediated petroleum (Diesel) contamination from soil at the site and has confirmed no impacts to groundwater resulting from the release. Recommendation: No Further Action due to independent cleanup action completed. This cleanup has met the eligibility criteria and individual provisions for Model Remedy 1 as defined in Ecology Publication No. 15-09-043.

Investigator: Richard Bazzell

Date Submitted: 12/9/2016

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.):

The former Poulsbo City Hall building was located at 19050 Jensen Way in Poulsbo. The building was originally constructed as a Fire Station/Town Hall in 1939 and was later renovated in the 1960s. The facility underwent an expansion in the mid 1970s to accommodate additional government offices (fire/law enforcement, planning, judicial, public works, city council). The site has been vacant since 2011. See attached local vicinity map.

During demolition activities, two underground storage tanks (UST) containing heating oil were identified. The first tank (Tank A) was removed from the southern edge of the demolition excavation, was measured, and estimated to be approximately 320 gallons containing no product. The second tank (Tank B) was removed adjacent to the western boundary, was measured, an estimated to be approximately 940 gallons containing no product. No evidence of soil contamination was observed until Tank B was lifted from the ground. Visual and olfactory signs of impacted soil were observed beneath the tank. Further inspection of Tank B found multiple holes (less than one-half inch) in the bottom of the tank.

Four separate remedial investigations were conducted:

- Removal of the building and excavation of the building footprint
- A geotechnical investigation after removal of building/footprint and prior to removal of soil. the investigation involved the install of 5 soil borings to depths of 35'.
- A geoprobe investigation to asses the lateral/vertical extent of soil/groundwater contamination
- A UST site assessment involving the sample collection from sidewalls and bottom of excavation following the removal of contaminated soil. The assessment also characterized contaminated soil for transport and disposal at the Roosevelt Landfill.

Based on the information provided in the Independent Remedial Action & UST Site Assessment Report provided by the City of Poulsbo, diesel contamination in soil has been successfully removed from the site. Additionally, the report confirms there has been no groundwater impacts resulting from the release.

Documents reviewed:

Independent Remedial Action & UST Site Assessment Report, Former City Hall: 19050 Jensen Way, Poulsbo WA. City of Poulsbo, December 2, 2016.

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, isopropanol, formic acid, acetic acid, stoddard solvent, Naptha). <i>Use this when TEX contaminants are present independently of gasoline.</i>
	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						Benzene
	Other Non-Halogenated Organics						TEX
	Petroleum Diesel	RB					Petroleum Diesel
	Petroleum Gasoline						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). <i>Do not use for 'dibenzofuran', which is a non-chlorinated compound that is detected using the semivolatile organics analysis 8270</i>
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 below 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):** 9/1/2016 (Date Report Received)
☐ **ERTS Complaint**
☐ **Other (please explain):** _____

Does an Early Notice Letter need to be sent: ☐ Yes ☒ No

If **No**, please explain why: Diesel range petroleum in soil has been removed to levels that are below MTCA Method A Cleanup levels.

NAICS Code (if known): _____

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

Former Maintenance

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

Site Manager (Default: _____): Northwest Region 

Specific confirmed contaminants include:

_____ in Soil

_____ in Groundwater

_____ in Other (specify matrix: _____)

Facility/Site ID No. (if known):

5559

Cleanup Site ID No. (if known):

13189

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.