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):	709226
Parcel #(s):	7327901215 & 3224049002
County:	King
FSID #:	14685
CSID #:	15484
UST #:	

SITE INFORMATION

Site Name (Name over door): Duwamish Waterway Park Addition	Site Address (including City, State and Zip): 1024 S Elmgrove St Seattle, WA 98108	Phone Email
Site Contact, Title, Business: Jean Lee City of Seattle, Parks and Recreation	Site Contact Address (including City, State and Zip): 300 Elliot Avenue West Suite 100 Seattle, WA 98119	Phone Email JeanH.Lee@seattle.gov
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): United Site Services, Long Painting Co Alternate Site Name(s): Penske Truck Leasing / United Site Services of NV	Additional Info (for any Site Information Item): Additional documents for this site can be found in electronic form using the LDW database, since the subject properties were historically associated with a source control property of interest (Long Painting Co 10th Ave). Additionally, the site is associated with the Duwamish Waterway Park (DWP, CSID 15139), Parks notified Ecology and DRCC of their intent to incorporate the subject property into the DWP during a VCP project meeting September 7th, 2021.	

Latitude (Decimal Degrees):	47.53080
Longitude (Decimal Degrees):	-122.31895

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):

A phase II site assessment was obtained by Ecology for a purchase sales agreement between City of Seattle and the past owner of the subject property (9/3/21 recording # 20210903001446). The phase II site assessment presents information indicating soil exceedances of arsenic, chromium and PAH.

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

Exceedances detected in soil samples along the Northeastern portion of the subject properties for arsenic, chromium, PAH; and one exceedance of cPAH. No remediation has occurred to date. Recommend: list on the confirmed and suspected contaminated sites list.

Investigator: Anthony Wenke Date Submitted: 9/14/2021

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.):

Eco Compliance was contracted by the City of Seattle Parks and Recreation to produce a Phase I and Phase II Environmental Site Assessments (dated 6/15/21 and 6/24/21 respectively) for the subject parcels currently known as the Duwamish Waterway Park Addition properties. The properties are formerly known as United Site Services and was a former facility of Long Painting Co. Ecology does not have access at this time to the Phase I investigation and is basing the conclusions of this Initial Investigation on the results of the Phase II ESA.

Work performed in the Phase II ESA included soil sampling from 6 boring locations in the northeast portion of the property, with three of the soil samples obtained using a hand auger. The distribution of soil samples are spatially restricted to the Eastern portion of the parcels, near the edge of the embankment to the Lower Duwamish Waterway, and Northwest to a residential property adjacent to the facility (Parcel 7327901265). Samples were analyzed by Friedman & Bruya Laboratories using the following methods:

Resource Conservation and Recovery Act (RCRA) eight (8) Metals by EPA Method 6020;
Polycyclic Aromatic Hydrocarbons by EPA Method 8270;
Polychlorinated Biphenyls (PCBs) by EPA Method 8082; and
Total Petroleum Hydrocarbons-diesel range (TPHd) by Method NWTPH-Dx.

Results indicate the following exceedances in soil for MTCA Method A Unrestricted Land Use:
Arsenic in three of the sample locations
Chromium in four of the sample locations
Total PAH in four of the sample locations
Additionally cPAH concentration exceeded the MTCA Method A Unrestricted Land Use screening value in one sampling location

Exceedances are reported for sampling locations in both subject parcels.

Notes regarding associations with Duwamish Waterway Park and with Long Painting Co 10th Ave (FSID 71678662):
The parcel is adjacent to the Duwamish Waterway Park (CSID 15139, FSID 49919); and Seattle Parks and Recreation intend to develop the property as an addition to the park--therefore, administratively this site may need to be incorporated into CSID 15139.
The 1024 S. Elmgrove properties are associated with FSID 14685 which currently has no interactions with TCP; however, the Long Painting Co 10th Ave site located one block West of the Duwamish Waterway Park received a VCP--No Further Action letter in 2003, and also includes the 1024 S. Elmgrove property in that opinion. While the extent of the Long Painting Co 10th Ave VCP project (NW0418) was to address releases of tetrachloroethylene, trichloroethylene, and diesel range petroleum hydrocarbons in soil, the history of the Duwamish Waterway Park Addition (the subject site) property's interaction to the Long Painting Co 10th Ave VCP and the Duwamish Waterway Park should be considered as administrative updates are made for the property.

Documents reviewed:

Eco Compliance Corporation. Phase II Environmental Site Assessment / Duwamish Waterwway Park Addition -- Tax Parcel 732-790-1215 / 1024 Elmgrove Street, Seattle, King County, Washington. June 24, 2021.

Washington State Department of Ecology. VCP Opinion Letter--No Further Action, Long Painting Co 10th Ave. Document ID #84809, Facility Site ID 71678662. February 4, 2003.

Washington State Department of Ecology. Duwamish Waterway Park VCP September Meeting Summary Notes. Facility Site ID 49919, Cleanup Site ID 15139. September 7th 2021.

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)	C					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						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). *Do not use for 'dibenzofuran', which is a non-chlorinated compound that is detected using the semivolatile organics analysis 8270*
Metals	Metals - Other	C					Cr, Se, Ag, Ba, Cd
	Lead						Lead
	Mercury						Mercury
	Arsenic	C					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 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).

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:

PAH, cPAH, arsenic, chromium in Soil

_____ in Groundwater

_____ in Other (specify matrix: _____)

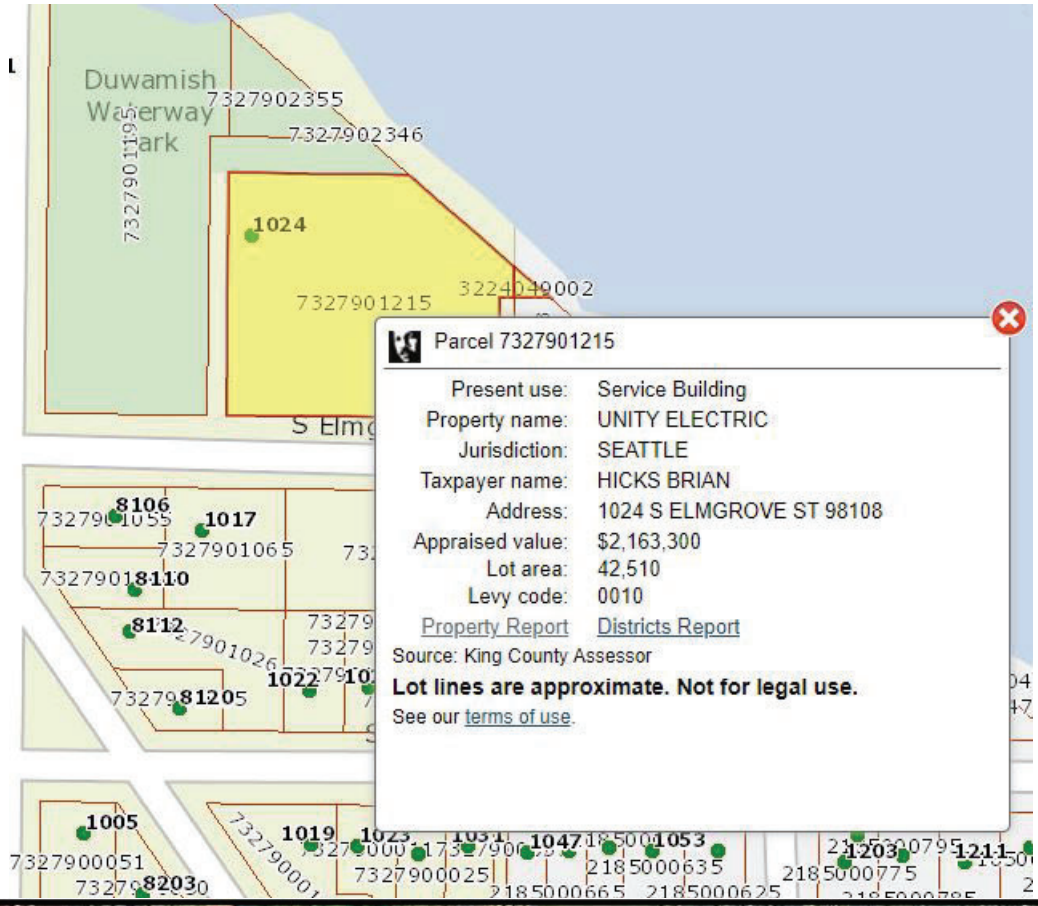
Facility/Site ID No. (if known):
14685

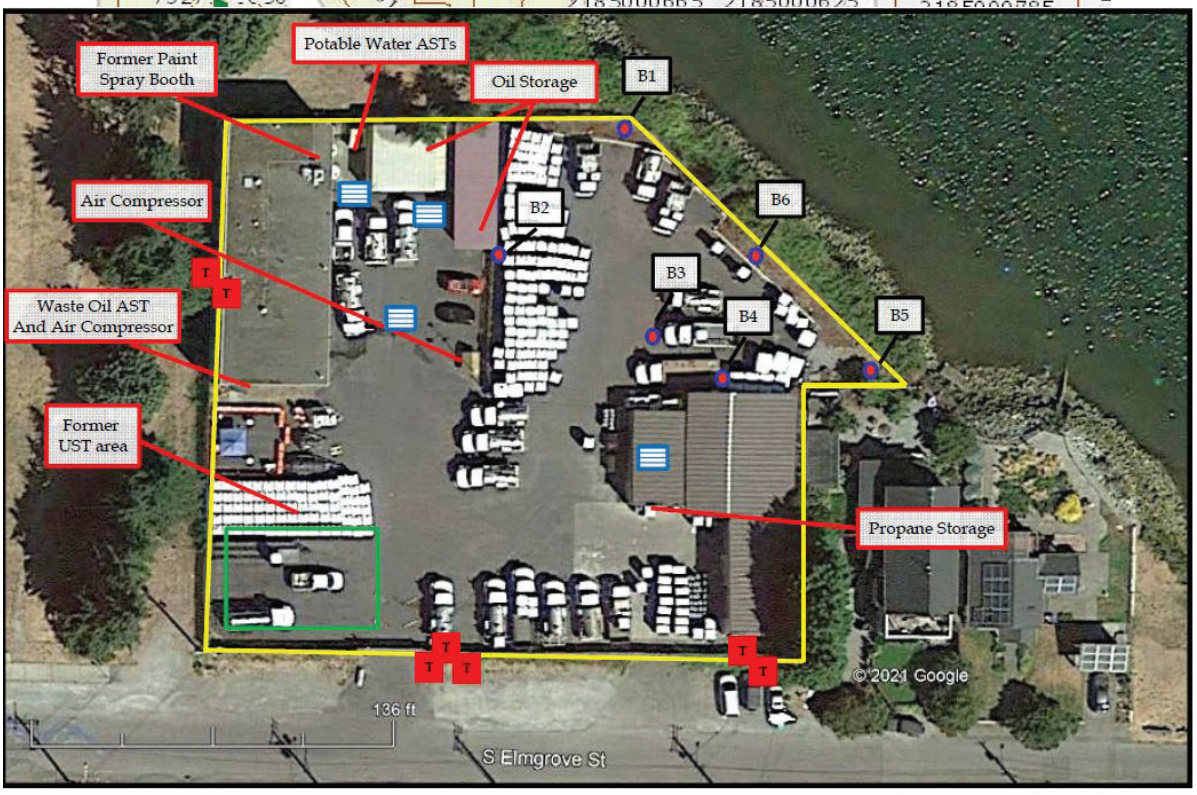
Cleanup Site ID No. (if known):
15484

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

Please use this box for any text that requires special formatting





Legend:

- Subject Property Boundary
- T — Pole-Mounted Transformer
- Area of Sewer Connection Excavation
- Storm Water Inlet
- Proposed Soil Boring Location

SOURCE: *Google Earth, 2021*

N

TITLE:	Site Plan
LOCATION:	Duwamish Waterway Park Addition 1024 S. Elmgrove Seattle, Washington

Eco Compliance Corporation
800 5th Avenue, Suite 101-313 Seattle, WA 98104
562-439-7908 DirtyProperty.com

CHECKED:	D.McAlister
DRAFTED:	
FILE:	
DATE:	02/24/2021

FIGURE: 2