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):	725297
Parcel #(s):	2224069012
County:	King
FSID #:	1369837
CSID #:	17000
UST #:	11044

SITE INFORMATION

Site Name (Name over door):	Site Address (including City, State and Zip):	Phone / Email
Lakeside Industries Issaquah	6600 230th Ave SE Issaquah, WA 98027	
Site Contact, Title, Business: Greg Peters / Sarah Snyder Farallon Consulting	**Site Contact Address (including City, State and Zip):**	**Phone** **Email** gpeters@farallonconsulting.com ssnyder@farallonconsulting.com
Site Owner, Title, Business: Lakeside Industries	**Site Owner Address (including City, State and Zip):**	**Phone** **Email**
Site Owner Contact, Title, Business: Karen Deal Lakeside Industries, Inc	**Site Owner Contact Address (including City, State and Zip):**	**Phone** **Email** karen.deal@lakesideindustries.com
Previous Site Owner(s):	**Additional Info (for any Site Information Item):** Alternate address for Parcel 2224069012 is 23035 SE Issaquah Fall City Rd, Issaquah 98029	
Alternate Site Name(s): Lakeside Sand & Gravel / Cadman		

Latitude (Decimal Degrees):	47.54145
Longitude (Decimal Degrees):	-122.03233

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):

ERTS 9/7/23: Release detected during Underground Storage Tank (UST) decommissioning activities. According to Ecology's UST database, "Tank 4" was removed in 2022. This Initial Investigation is regarding Tanks 1, 2, and 3. 30-day notice received 7/11/23.

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

Three USTs and associated piping/dispensers were decommissioned and removed from the Site in August 2023. Petroleum hydrocarbons and associated contaminants exceeding MTCA soil cleanup levels were identified in four UST site assessment samples collected from the UST excavation and underlying former dispensers. The contaminated soils were excavated and disposed of offsite. Confirmation soil samples met MTCA cleanup levels. Recommendation: NFA due to completion of soil remediation.

Investigator: Vance Atkins Date Submitted: 1/19/2024

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.):

Three underground storage tanks (USTs) were decommissioned and removed from the Site in August 2023. The USTs consisted of two 12,000-gallon diesel USTs and one 5,000-gallon gasoline UST. The system also included three fuel dispensers and associated piping.

The USTs were co-located within a single excavation. They were decommissioned and removed under permit and in general accordance with Washington UST regulations. Decommissioning included pumping and rinsing all three tanks of residual product, inerting the tanks, and removal after approval of permit by the Issaquah Fire Marshall.

The tanks were removed and appeared to be in good condition. A limited amount of residual petroleum product was released from a dispenser line during removal. Fill soils impacted by the fuel release were segregated and stockpiled on plastic sheeting for characterization and disposal. Groundwater was not observed during UST decommissioning activities.

A total of three base of excavation soil samples and seven sidewall soil samples were collected from the tank excavation after UST removal. Five soil samples were also collected from beneath system piping and dispensers. Sample number and locations were in general accordance with Ecology's Site Assessment Guidance for Underground Storage Tank Systems.

Soil analyses were selected per MTCA Table 830-1: Required Testing for Petroleum Releases and included: gasoline and diesel range petroleum hydrocarbons, BTEX compounds and fuel additive VOCs, carcinogenic polycyclic aromatic hydrocarbons, and lead.

Soil analytical results exceeding MTCA Method A soil cleanup levels for petroleum were detected in two soil samples collected beneath former dispenser locations. Petroleum, benzene, toluene, xylenes, and total naphthalene analytical results exceeded MTCA soil cleanup levels in one sidewall sample. Benzene analytical results exceeded MTCA soil cleanup levels in one base of excavation sample.

Based on the analytical results, soils associated the analytical exceedances were overexcavated and stockpiled on plastic sheeting prior to off-site disposal. The UST excavation base was overexcavated locally to a total depth of 13.5 feet below ground surface (bgs), and one excavation sidewall was overexcavated locally to a total depth of eight feet bgs. Soils under the former dispenser locations were overexcavated to approximately one to two feet bgs.

Post-excavation soil samples either did not contain detectable concentrations of contaminants of concern, or detected concentrations were below their respective cleanup levels.

Approximately 50.1 tons of petroleum contaminated soil were transported offsite for disposal at a licensed facility. The excavation was backfilled with clean imported fill soils.

Documents reviewed:

Underground Storage Tank Site Assessment Report, Issaquah Facility, 6600 230th Avenue Southeast, Issaquah, Washington. Farallon Consulting, November 14, 2023.

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	RB					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)	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	RB					Benzene
	Other Non-Halogenated Organics	RB					TEX
	Petroleum Diesel	RB					Petroleum Diesel
	Petroleum Gasoline	RB					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						Cr, Se, Ag, Ba, Cd
	Lead	B					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 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:

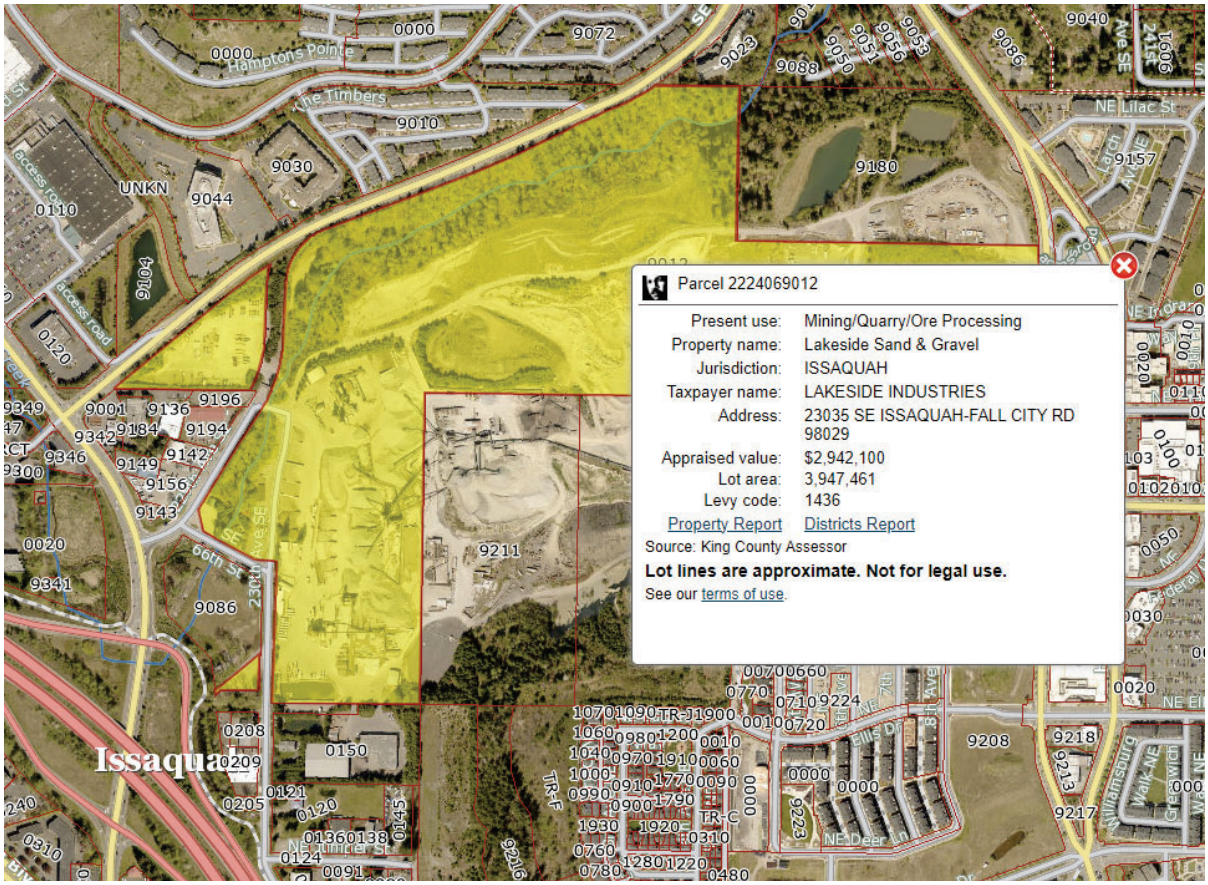
_____ in Soil

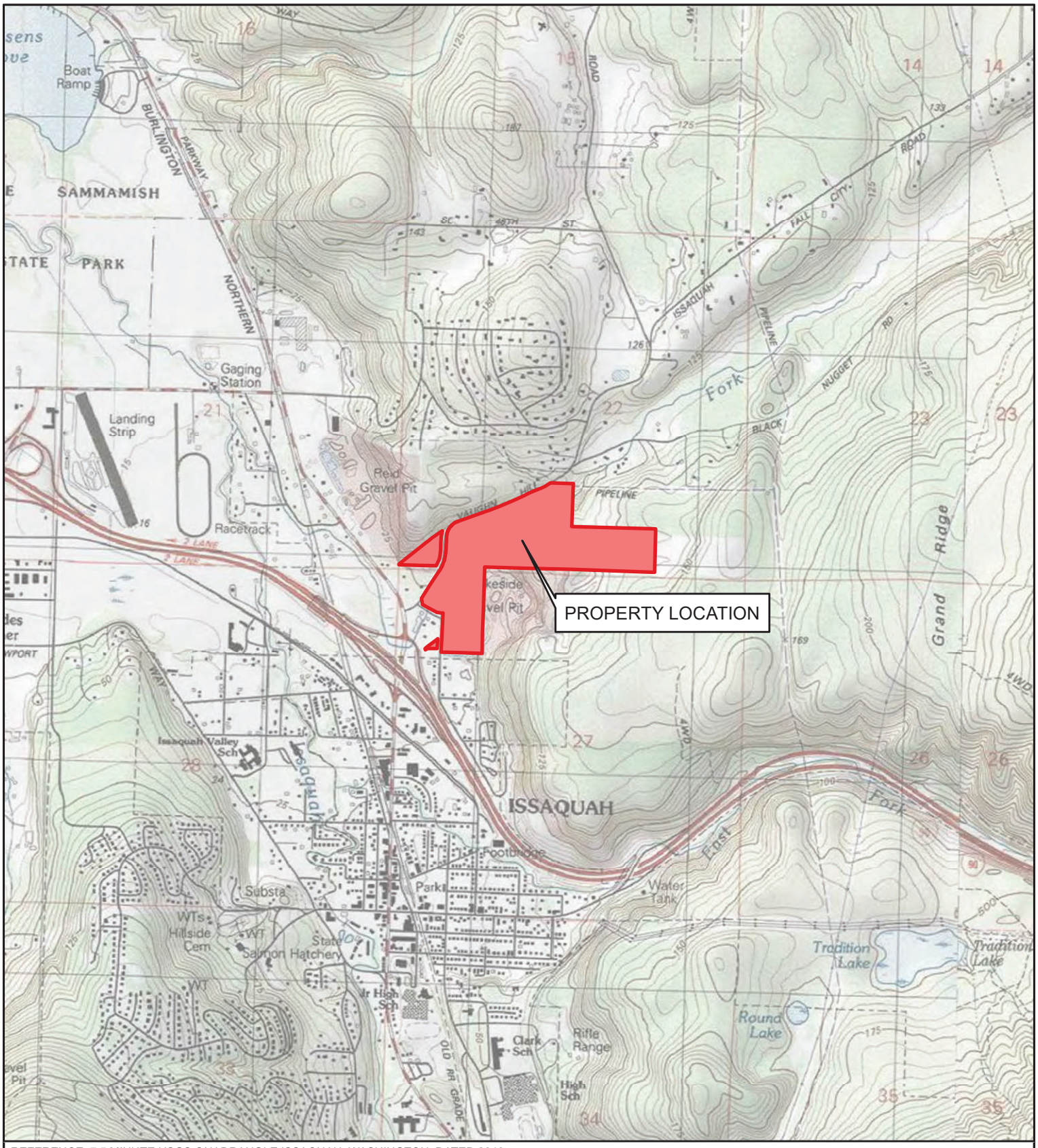
_____ in Groundwater

_____ in Other (specify matrix: _____)

Facility/Site ID No. (if known):
1369837
Cleanup Site ID No. (if known):
17000

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.





REFERENCE: 7.5 MINUTE USGS QUADRANGLE ISSAQUAH, WASHINGTON, DATED 2013

N

0 2,000
SCALE IN FEET

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Oregon
Portland | Baker City

California
Oakland | Irvine

FIGURE 1

PROPERTY VICINITY MAP
ISSAQUAH FACILITY
6600 230th AVENUE SOUTHEAST
ISSAQUAH, WASHINGTON

FARALLON PN: 525-039

Drawn By: lmurock | Checked By: SS | Date: 11/14/2023 | Disc Reference:

Path: Q:\Projects\525 LakesideIndust\039 Issaquah Facility\Mapfiles\003\Figure-01_PropertyVicinity.mxd

LEGEND

- PROPERTY BOUNDARY
- KING COUNTY PARCEL BOUNDARY

N

0 400

SCALE IN FEET

NOTES:
1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR. GRAYSCALE COPIES MAY NOT REPRODUCE ALL ORIGINAL INFORMATION.

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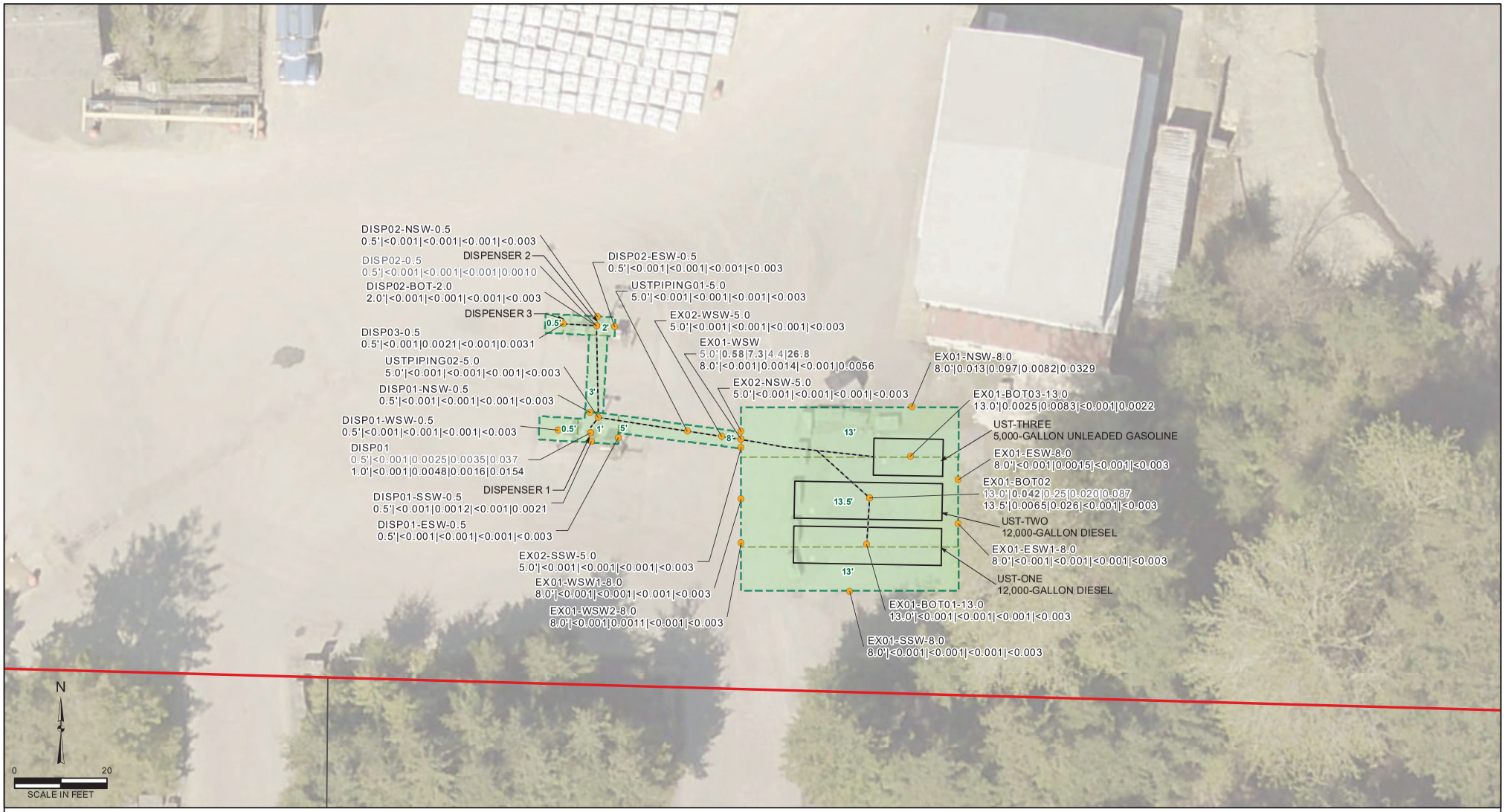
FIGURE 2

PROPERTY LAYOUT
ISSAQUAH FACILITY
6600 230th AVENUE SOUTHEAST
ISSAQUAH, WASHINGTON

FARALLON PN: 525-039

Drawn By: lmurock Checked By: SS Date: 11/14/2023

Disc Reference:
Q:\Projects\525 LakesideIndust\039 Issaquah Facility\Mapfiles\003\Figure-02_PropertyLayout.mxd



LEGEND

- EXCAVATION SOIL SAMPLE
- EXCAVATION BENCHING
- FUEL CONVEYANCE LINE
- PROPERTY FEATURE
- EXCAVATION EXTENT (DEPTH IN FEET BELOW GROUND SURFACE) — 13.5'
- PROPERTY BOUNDARY
- KING COUNTY PARCEL BOUNDARY

NOTES:
SOIL DEPTH AND ANALYTICAL RESULTS AS:
DEPTH IN FEET BELOW GROUND SURFACE | BENZENE | TOLUENE | ETHYLBENZENE | XYLENES
SOIL ANALYTICAL RESULTS IN MILLIGRAMS PER KILOGRAM.
BOLD = DENOTES CONCENTRATIONS THAT EXCEED THE WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION CLEANUP LEVEL
GRAY = OVER-EXCAVATED SAMPLE
< = DENOTES ANALYTE NOT DETECTED AT OR EXCEEDING THE LISTED REPORTING LIMIT
UST = UNDERGROUND STORAGE TANK

NOTES:
1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR. GRAYSCALE COPIES MAY NOT REPRODUCE ALL ORIGINAL INFORMATION.

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FIGURE 6

UST EXCAVATION SOIL ANALYTICAL RESULTS FOR BTEX
ISSAQUAH FACILITY
6600 230th AVENUE SOUTHEAST
ISSAQUAH, WASHINGTON

FARALLON PN: 525-039

Drawn By: lmurock | Checked By: SS | Date: 11/14/2023 | Disc Reference: Q:\Projects\525 LakesideIndust\039 Issaquah Facility\Mapfiles\003\Figure-06_Soil_BTEX.mxd

Table 1
Soil Analytical Results for TPH and BTEX
Issaquah Facility
6600 230th Avenue Southeast
Issaquah, Washington
Farallon PN: 525-039

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Sample Status	Analytical Results (milligrams per kilogram)						
					DRO[2]	ORO[2]	GRO[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Xylenes[4]
2023 Underground Storage Tank Excavation Samples											
DISP01-0.5	DISP01-0.5	0.5	8/23/2023	Over Excavated	**2,400**	< 250	**120**	< 0.001	0.0025	0.0035	0.037
DISP02-0.5	DISP02-0.5	0.5	8/23/2023	Over Excavated	**6,400**	610 x	< 5	< 0.001	< 0.001	< 0.001	0.0010
DISP03-0.5	DISP03-0.5	0.5	8/23/2023	In-Place	< 50	< 250	< 5	< 0.001	0.0021	< 0.001	0.0031
EX01-NSW-8.0	EX01-NSW-8.0	8.0	8/24/2023	In-Place	< 50	< 250	< 5	0.013	0.097	0.0082	0.0329
EX01-ESW-8.0	EX01-ESW-8.0	8.0	8/24/2023	In-Place	< 50	< 250	< 5	< 0.001	0.0015	< 0.001	< 0.003
EX01-ESW1-8.0	EX01-ESW1-8.0	8.0	8/24/2023	In-Place	< 50	< 250	< 5	< 0.001	< 0.001	< 0.001	< 0.003
EX01-SSW-8.0	EX01-SSW-8.0	8.0	8/24/2023	In-Place	< 50	< 250	< 5	< 0.001	< 0.001	< 0.001	< 0.003
EX01-WSW-5.0	EX01-WSW-5.0	5.0	8/24/2023	Over Excavated	**26,000**	1,900 x	**4,300**	**0.58**	**7.3**	4.4	**26.8**
EX01-WSW1-8.0	EX01-WSW1-8.0	8.0	8/24/2023	In-Place	< 50	< 250	< 5	< 0.001	< 0.001	< 0.001	< 0.003
EX01-WSW2-8.0	EX01-WSW2-8.0	8.0	8/24/2023	In-Place	< 50	< 250	< 5	< 0.001	0.0011	< 0.001	< 0.003
EX01-BOT01-13.0	EX01-BOT1-13.0	13.0	8/24/2023	In-Place	< 50	< 250	< 5	< 0.001	< 0.001	< 0.001	< 0.003
EX01-BOT02-13.0	EX01-BOT2-13.0	13.0	8/24/2023	Over Excavated	< 50	< 250	< 5	**0.042**	0.25	0.020	0.087
EX01-BOT03-13.0	EX01-BOT3-13.0	13.0	8/23/2023	In-Place	< 50	< 250	< 5	0.0025	0.0083	< 0.001	0.0022
USTPIPING01-5.0	UST PIPING-01-5.0	5.0	8/24/2023	In-Place	< 50	< 250	< 5	< 0.001	< 0.001	< 0.001	< 0.003
USTPIPING02-5.0	UST PIPING-02-5.0	5.0	8/24/2023	In-Place	< 50	< 250	< 5	< 0.001	< 0.001	< 0.001	< 0.003
Confirmation Soil Samples											
DISP01-1.0	DISP01-1.0	1.0	8/23/2023	In-Place	< 50	< 250	< 5	< 0.001	0.0048	0.0016	0.0154
DISP01-NSW-0.5	DISP01-NSW-0.5	0.5	8/24/2023	In-Place	62	< 250	< 5	< 0.001	< 0.001	< 0.001	< 0.003
DISP01-ESW-0.5	DISP01-ESW-0.5	0.5	8/24/2023	In-Place	140	< 250	7.5	< 0.001	< 0.001	< 0.001	< 0.003
DISP01-SSW-0.5	DISP01-SSW-0.5	0.5	8/24/2023	In-Place	< 50	< 250	< 5	< 0.001	0.0012	< 0.001	0.0021
DISP01-WSW-0.5	DISP01-WSW-0.5	0.5	8/24/2023	In-Place	67	< 250	< 5	< 0.001	< 0.001	< 0.001	< 0.003
DISP02-NSW-0.5	DISP02-NSW-0.5	0.5	8/24/2023	In-Place	150	< 250	< 5	< 0.001	< 0.001	< 0.001	< 0.003
DISP02-ESW-0.5	DISP02-ESW-0.5	0.5	8/24/2023	In-Place	< 50	< 250	< 5	< 0.001	< 0.001	< 0.001	< 0.003
DISP02-BOT-2.0	DISP02-BOT-2.0	2.0	8/24/2023	In-Place	270	< 250	< 5	< 0.001	< 0.001	< 0.001	< 0.003
EX01-BOT02-13.5	EX01-BOT2-13.5	13.5	8/24/2023	In-Place	< 50	< 250	< 5	0.0065	0.026	< 0.001	< 0.003
EX01-WSW-8.0	EX01-WSW-8.0	8.0	8/24/2023	In-Place	< 50	< 250	< 5	< 0.001	0.0014	< 0.001	0.0056
EX02-NSW-5.0	EX02-NSW-5.0	5.0	8/25/2023	In-Place	< 50	< 250	< 5	< 0.001	< 0.001	< 0.001	< 0.003
EX02-SSW-5.0	EX02-SSW-5.0	5.0	8/25/2023	In-Place	< 50	< 250	< 5	< 0.001	< 0.001	< 0.001	< 0.003
EX02-WSW-5.0	EX02-WSW-5.0	5.0	8/25/2023	In-Place	< 50	< 250	< 5	< 0.001	< 0.001	< 0.001	< 0.003
MTCA Method A Cleanup Levels for Soil[5]					**2,000**	**2,000**	**30/100[6]**	**0.03**	**7**	**6**	**9**

Table 1
Soil Analytical Results for TPH and BTEX
Issaquah Facility
6600 230th Avenue Southeast
Issaquah, Washington
Farallon PN: 525-039

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Sample Status	Analytical Results (milligrams per kilogram)						
					DRO[2]	ORO[2]	GRO[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Xylenes[4]
Stockpile Samples											
Stockpile02-1	STOCKPILE02-1	NA	8/24/2023	Over-Excavated	170	< 250	< 5	< 0.001	< 0.001	< 0.001	< 0.003
Stockpile02-2	STOCKPILE02-2	NA	8/24/2023	Over-Excavated	< 50	< 250	< 5	< 0.001	< 0.001	< 0.001	< 0.003
Stockpile02-3	STOCKPILE02-3	NA	8/24/2023	Over-Excavated	< 50	< 250	< 5	< 0.001	0.0016	< 0.001	0.0072
MTCA Method A Cleanup Levels for Soil[5]					**2,000**	**2,000**	**30/100[6]**	**0.03**	**7**	**6**	**9**

NOTES:

Results in **bold** and highlighted yellow denote concentrations exceeding applicable cleanup levels.

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

[1]Depth in feet below ground surface.

[2]Analyzed by Northwest Method NWTPH-Dx.

[3]Analyzed by Northwest Method NWTPH-Gx.

[4]Analyzed by U.S. Environmental Protection Agency Method 8260D.

[5]Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013.

[6]Cleanup level is 30 milligrams per kilogram if benzene is detected and 100 milligrams per kilogram if benzene is not detected.

BTEX = benzene, toluene, ethylbenzene, and xylenes

DRO = total petroleum hydrocarbons (TPH) as diesel-range organics

GRO = TPH as gasoline-range organics

NA = not applicable

ORO = TPH as oil-range organics

x = the sample chromatographic pattern does not resemble the fuel standard used for quantitation

Table 2
Soil Analytical Results for PAHs
Issaquah Facility
6600 230th Avenue Southeast
Issaquah, Washington
Farallon PN: 525-039

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Sample Status	Analytical Results (milligrams per kilogram)[2]											
					Non-Carcinogenic PAHs				Carcinogenic PAHs							
					Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes[3]	Benzo(a)Pyrene	Benzo(a)Anthracene	Benzo(b)Fluoranthene	Benzo(k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Indeno(1,2,3-cd)Pyrene	Total cPAHs TEC[4,5]
2023 Underground Storage Tank Excavations																
DISP01-0.5	DISP01-0.5	0.5	8/23/2023	Over-Excavated	0.041	0.20	0.34	0.581	< 0.01	< 0.01	< 0.01	< 0.01	0.029	< 0.01	< 0.01	0.008
DISP02-0.5	DISP02-0.5	0.5	8/23/2023	Over-Excavated	0.013	0.11	0.16	0.283	< 0.01 J	< 0.01	< 0.01 J	< 0.01 J	0.038	< 0.01 J	< 0.01 J	0.008
EX01-WSW-5.0	EX01-WSW-5.0	5.0	8/24/2023	Over-Excavated	4.2	12	20	**36.2**	< 0.01	0.020	0.014	< 0.01	0.16	< 0.01	< 0.01	0.012
EX01-WSW-8.0	EX01-WSW-8.0	8.0	8/24/2023	In-Place	< 0.01	< 0.01	< 0.01	< 0.03	---	---	---	---	---	---	---	---
MTCA Method A Cleanup Levels for Soil[6]								**5**								**0.1**

NOTES:

Results in **bold** and highlighted yellow denote concentrations exceeding applicable cleanup levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
--- denotes sample not analyzed.
[1]Depth in feet below ground surface.
[2]Analyzed by U.S. Environmental Protection Agency Method 8270E.
[3]Sum of naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene.
[4]Total carcinogenic polycyclic aromatic hydrocarbons derived using the total toxicity equivalency method in Section 708(8) of Chapter 173-340 of the Washington Administrative Code.
[5]For concentrations reported at less than the laboratory reporting limit, half the reporting limit was used to calculate the TEC.
[6]Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013.

cPAHs = carcinogenic polycyclic aromatic hydrocarbons
J = result is an estimate
NE = not established
PAHs = polycyclic aromatic hydrocarbons
TEC = toxic equivalent concentration

Table 3
Soil Analytical Results for Other Associated Petroleum Additives
Issaquah Facility
6600 230th Avenue Southeast
Issaquah, Washington
Farallon PN: 525-039

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Sample Status	Analytical Results (milligrams per kilogram)					
					Lead[2]	1,2-Dibromoethane (EDB)[3]	1,2-Dichloroethane (EDC)[3]	Hexane[3]	Methyl Tertiary-Butyl Ether (MTBE)[3]	Naphthalene[3]
2023 Underground Storage Tank Excavations										
DISP01-0.5	DISP01-0.5	0.5	8/23/2023		2.82	< 0.005	< 0.002	< 0.25	< 0.002	0.048
EX01-WSW-5.0	EX01-WSW-5.0	5.0	8/24/2023		2.39	< 0.05	< 0.05	1.5	< 0.05	2.3
MTCA Cleanup Levels for Soil[4]					**250**	**0.005**	**11[5]**	**4,800[5]**	**0.1**	**5.0**
MTCA Method B Cleanup Levels for Soil Protective of Groundwater Vadose @ 13 Degrees Celsius[5]					**3,000**	**0.00027**	**0.023**	**72**	**0.1**	**4.5**
MTCA Method B Cleanup Levels for Soil Protective of Groundwater Saturated[5]					**150**	**0.000018**	**0.0016**	**1.8**	**0.0072**	**0.24**

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 6020B.

[3]Analyzed by U.S. Environmental Protection Agency Method 8260D.

[4]Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013, unless otherwise noted.

[5]Washington State Cleanup Levels and Risk Calculations (CLARC) under Washington State MTCA, Standard Method B Formula Values for Soil from CLARC Master spreadsheet, https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC