



INITIAL INVESTIGATION FIELD REPORT

ERTS Number: 660148
Parcel #(s): 22273000-25 & -30
County: King
FSID #: 4848
CSID #: 12994
UST ID#: 620245

SITE INFORMATION

Site Name (Name over door): Aurora Gunderson Property	Site Address (including City, State and Zip): 19804 19806 Aurora Ave N Shoreline WA 98133	Phone/email:
Site Contact, Title, Business: Dylan Frazer Landau Associates	Site Contact Address (including City, State and Zip): 130 2 nd Ave S Edmonds, WA 98020	Phone/email: 425-778-0907
Site Owner, Title, Business: City of Shoreline	Site Owner Address (including City, State and Zip): 17500 Midvale Ave N Shoreline WA 98133	Phone/email: 206-801-2482
Site Owner Contact, Title, Business:	Site Owner Contact Address (including City, State and Zip):	Phone/email:
Previous Site Owner(s):	Additional Info:	
Alternate Site Name(s): Jordan's Used Tires (northern parcel) Delgri Auto Sales (southern parcel)	Additional Info:	

Latitude (Decimal Degrees):	47.77263
Longitude (Decimal Degrees):	-122.34561

INSPECTION INFORMATION

Inspection Conducted? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Date/Time: 10/7/2015; 1:00pm	Entry Notice: Announced <input checked="" type="checkbox"/> Unannounced <input type="checkbox"/>
Photographs taken? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Photos available in site reports	
Samples collected? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Data available in site reports	

RECOMMENDATION

No Further Action (Check appropriate box below):	LIST on Confirmed and Suspected Contaminated Sites List: <input type="checkbox"/>
Release or threatened release does not pose a threat <input type="checkbox"/>	
No release or threatened release <input type="checkbox"/>	
Refer to program/agency (Name: _____) <input type="checkbox"/>	
Independent Cleanup Action Completed (contamination removed) <input checked="" type="checkbox"/>	

COMPLAINT (Brief Summary of ERTS Complaint): Six unregistered USTs were found on a construction site. Annette Ademasu was onsite during the second tank nest excavation. First tank nest, tanks 1, 2 & 3 had soil with gasoline above MTCA at 3900 mg. The third tank nest, Tank 6 had TPH-O at 4700 mg/kg, TPH-G at 480 mg/kg, benzene at .92 mg/kg and xylene at 39 mg/kg, total naphthalene at 16,200 ug/kg.

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

The south area was overexcavated and is now below Method A; the middle tank nest was not contaminated; and the third area was overexcavated and is now below Method A. The site is up high, with a steep slope around 20 feet down to alley, no groundwater encountered. The area is a very high hill area of Shoreline along Aurora Ave N. A total of 208 tons of soil were removed and sent to Cemex in Everett. Recommendation: NFA at Initial Investigation phase due to observations, soil removal, and final report with sampling submitted.

Investigator: Annette Ademasu	Date Submitted: 1/19/2016
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OBSERVATIONS

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.):

Consultant, Landau will send ECY the one report with Site Assessment, cleanup, and final samples before the 90 days to attempt to get an NFA at Initial Investigation phase. ICC Decommissioner Diane Kamacho, Diane's Tank Removal; ICC Site Assess, Dylan Frazer at Landau & Assoc. They had removed 3 tanks previous to my inspection, they said only 3 pipes were visible in that south excavation. The samples came back contaminated so they over excavated and took confirmation samples after they removed contaminated soil. The final south excavation samples came back all below Method A, so they backfilled with clean soil. I was present during part of the excavation of the middle tank nest, they had removed the sites 4th tank, and the 5th tank had soil being excavated around the tank while I was present. Only 2 pipes were visible for this tank excavation, above the tanks and exiting into the south side of the excavation. There was no obvious staining or odors, no GW, site is up high, slopes down about 20 feet of steep grade down to alley. When they sent in the 30 day notice they thought there might be 6 abandoned tanks. A few days after the inspection, they found the 6th tank. By phone Dylan Frazer at Landau said the two pipes above tanks 4, 5, ended to the south.

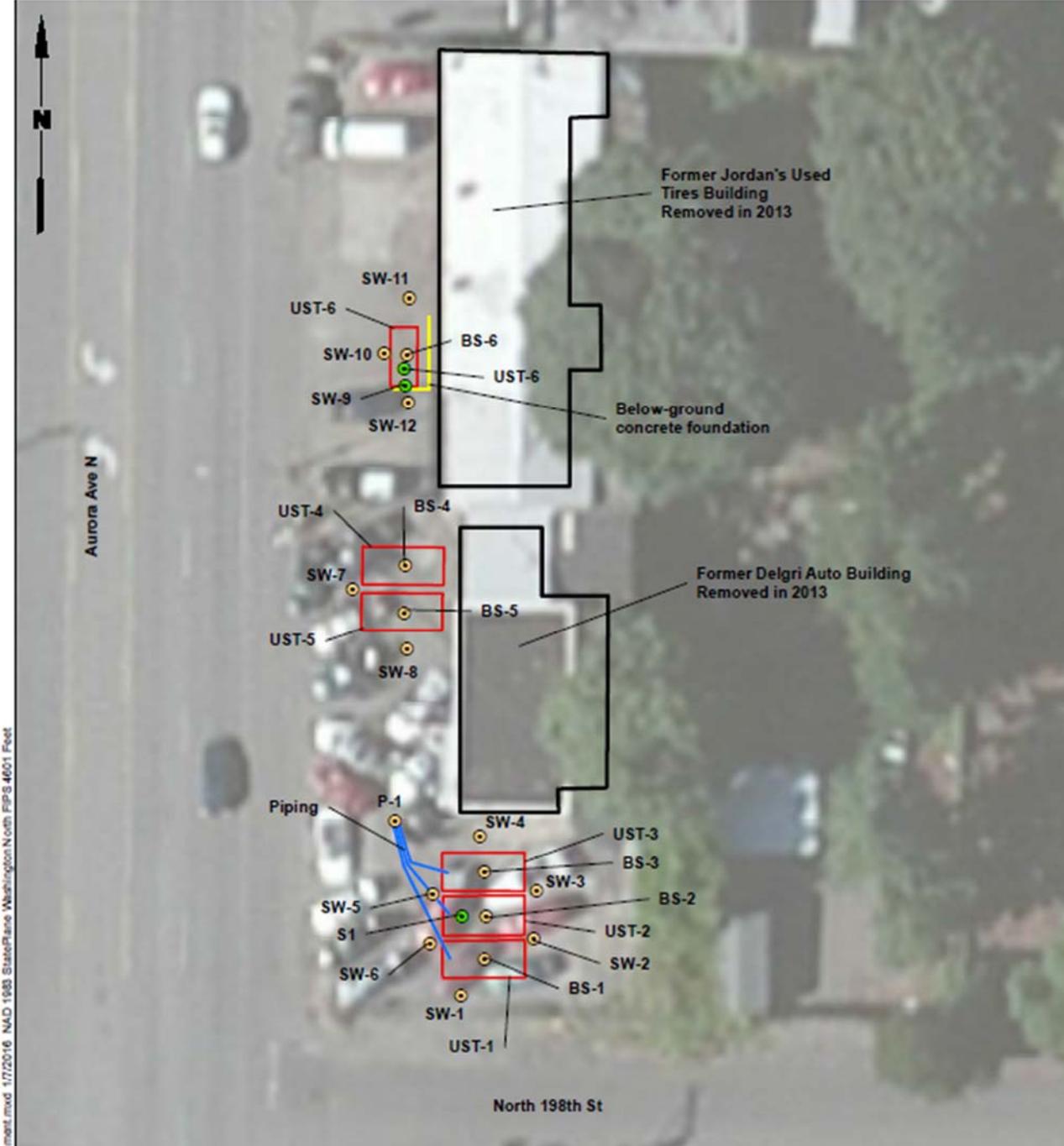
Documents reviewed:

- UST Removal, Site Characterization and Site Cleanup Report; 1/12/16 by Landau Assoc.

Soil Sampling: South excavation with T1, T2, T3 removed had a high of 3900 ppm TPHG in S-1 sample and they over excavated re-sampled it was non-detect. The middle excavation with T4, T5 removed was below Method A. The north excavation with T6 removed had a high of TPH-O at 16,000 mg/kg, gasoline at 480 mg/kg, benzene at .92 mg/kg, xylene at 39 mg/kg, and total naphthalenes at 16,200 ug/kg. After over excavation and re-sampling it was down to 350 ppm TPHO and non-detect for TPHG; Benzene; Xylene, and total naphthalenes. Sent an email to Landau regarding some omissions in the report and they will resubmit the report with the requested information.

- UST Removal, Site Characterization and Site Cleanup Report; 1/18/16 by Landau Assoc. (revised report)

Same information as above with additional: South tank excavation had 142.5 tons soil removed and north tank excavation had 65.5 tons soil removed (208 tons total) to Cemex in Everett. Added sample S-1 to Table 1. Added sample depths. In south excavation S-1 contamination sample was around 1' bgs (below grade surface) and after over excavation confirmation bottom sample was around 10' bgs. In north excavation contamination was around 4'-7' bgs and after over excavation confirmation sample was around 6' bgs. Added 3 photos, one for each excavation. Added tip sheets for soil removal to Cemex.



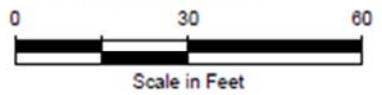
G:\projects\122623107\03\UST SiteAssessment.mxd 1/7/2016 NAD 1983 StatePlane Washington North FIPS 4601 Feet

Legend

- Confirmation Sample Location, Contaminant Concentrations below CUL's; Final Confirmation Sample
- Confirmation Sample Location, Contaminant Concentrations above CUL's
- Former Building
- Excavation Area
- UST

Note

1. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.



Data Source: Esri World Imagery



Aurora-Gunderson Property
Shoreline, Washington

**UST Site Assessment
Sample Locations**

Figure
3

(fill in contaminant matrix below with appropriate status choice from the key below the table)

CONTAMINANT GROUP	CONTAMINANT	SOIL	GROUNDWATER	SURFACE WATER	AIR	BEDROCK	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)	RB					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						Petroleum Diesel
	Petroleum Gasoline	RB					Petroleum Gasoline
	Petroleum Other	RB					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	BEDROCK	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)

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).

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: NFA

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

Site Manager (Default: Donna Musa): Donna Musa

Specific confirmed contaminants include:

_____ in Soil
_____ in Groundwater
_____ in Other (specify matrix: _____)

Facility/Site ID No. (if known):
4848
Cleanup Site ID No. (if known):
12994

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.

