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):	**714440**
Parcel # (s):	**I5 SB, MP 25.5**
County:	**Cowlitz**
FSID #:	**100003555**
CSID #:	**17210**
UST #:	**N/A**

SITE INFORMATION

Site Name (Name over door): Spady Transport	Site Address (including City, State, and Zip): I-5 Southbound MP 25.5	Phone 1-604-512-2853 Email margaret@spadytransport.com
Site Contact, Title, Business: Kristjana Zoras, GHD, ICBC contractor	Site Contact Address (including City, State, and Zip): 138 E 7th Ave, Suite 100, Vancouver, BC, Canada, V5T 1M6	Phone 1-604-230-9059 Email Kristjana.zoras@ghd.com
Site Owner, Title Business: Angie Haffie, Real Estate Services, Southwest Region, WSDOT	Site Owner Address (including City, State, and Zip): 11018 NE 51st Circle, Vancouver, WA 98682	Phone 360-905-2176 Email Angie.Haffie@wsdot.wa.gov
Site Owner Contact, Title, Business: Click to enter text.	Site Owner Contact Address (Including City, State, and Zip): Click to enter text.	Phone Click to enter text. Email **Click to enter text.**
Previous Site Owner(s):	Additional Info (for any Site Information Item): Two separate diesel releases, appear to not be comingled. ICBC is the insurance carrier for Spady Transport.	
Alternate Site Name(s): **Click to enter text.**		

Latitude (Decimal Degrees):	**45.95611**
Longitude (Decimal Degrees):	**-122.79833**

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):

Two trucks crashed onto the bank of the Columbia River at about MP 25.5 on southbound I-5.

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

The release from Truck #1 has been cleaned up, as confirmed by analytical results. NFA List Truck #1 release to the CSCSL.

Investigator: **Tim Mullin**	Date Submitted: 4/18/2023

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):

On April 26, 2022, two semi-trucks crashed on southbound I-5 about MP 25.5. Both ended up on the bank of the Columbia River and each had a diesel release.

The initial investigation regarding Truck #2 has been evaluated under separate cover.

Truck #1:
A release of diesel from at least one saddle tank occurred during a crash. Diesel release was into soil, surface water (Columbia River) and potentially sediment. A boom contained the surface water release from the time of emergency response until it was removed in January 2023. Surface water sheen removed by absorbent materials (see report photos from May 3, 2022). Surface water results from May 3, 2022 showed that petroleum concentrations were not detected. The laboratory reporting limit was less than the applicable cleanup level for unweathered diesel at 150 micrograms per liter (ug/L) from TCP Implementation Memorandum No. 23.

Soil and sediment sampling in July 2022 included both TPH (gasoline, diesel, and heavy oil) and benzene, toluene, ethylbenzene, total xylenes (BTEX). BTEX was not detected at the laboratory reporting limits, but diesel and heavy oil were detected in some locations. Soil sampling locations were selected based on photoionization detection readings and where soil could be sampled. Rip rap is present in some locations for armoring the Interstate 5 road prism.

12/15/22: Call with GHD, ICBC, and Ecology Spills and TCP. Results:
Ecology concurred that the analytical results showed that a sediment station cluster of potential concern was not present. Based on the average of three sediment sampling stations compared to the diesel sediment cleanup objective (SCO) of 340 mg/kg. Ecology requested additional soil sampling at three locations with above average PIDs.

Additional confirmatory soil sampling occurred at three locations on January 24, 2023. All concentrations were less than the MTCA Method A cleanup level for diesel and heavy oil in soil of 2,000 mg/kg. These soil sampling locations were those recommended by Ecology during the 12/15/22 call based on PID readings. The absorbent boom and related materials was disposed of by US Ecology at Waste Management's Hillsboro Landfill. All analytical results met cleanup levels.

Recommendation: NFA-list CSCSL, as a nearly year-long cleanup occurred that meets cleanup levels, confirmed by analytical results.

Documents reviewed:

GHD, Summary Letter ICBC Claim #BZ75056-6Spady Transport Ltd. Diesel Release Highway I-5 Mile 26.1, near Woodland, Washington, December 6, 2022.

GHD, Summary of Supplemental Soil and Sediment Sampling, March 14, 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)	Select	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	**B**	Select	**B**	Select	**B**	Benzene
	Other Non-Halogenated Organics	**B**	**B**	**S**	Select	**B**	TEX
	Petroleum Diesel	**B**	Select	**B**		**B**	Petroleum Diesel
	Petroleum Gasoline	Select	Select	Select	Select	Select	Petroleum Gasoline
	Petroleum Other	Select	Select	Select		Select	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: **NFA list**

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.):
Click to enter text.

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:
Diese 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.

Additional or Supplemental Information for Observations Page

Please use this box for any text that requires special formatting

Click to enter text.

Paper Size ANSI A

0 200 400 600

Feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: NAD 1983 2011
Grid: NAD 1983 2011 StatePlane Washington South FIPS 4602 Ft US

N

GHD

ICBC CLAIM # BZ75056-6
SPADY TRANSPORT LTD. DIESEL RELEASE
I-5 MILE 26.1, NEAR WOODLAND, WASHINGTON

SURFACE WATER SAMPLING LOCATIONS

Project No. **12582989**
Revision No. **-**
Date **Oct 13, 2022**

FIGURE 2

O:\GIS\PROJECTS\12582000s\12582989\12582989_arcPro\12582989_arcPro.aprx - 12582989_SurfaceWater_GIS005
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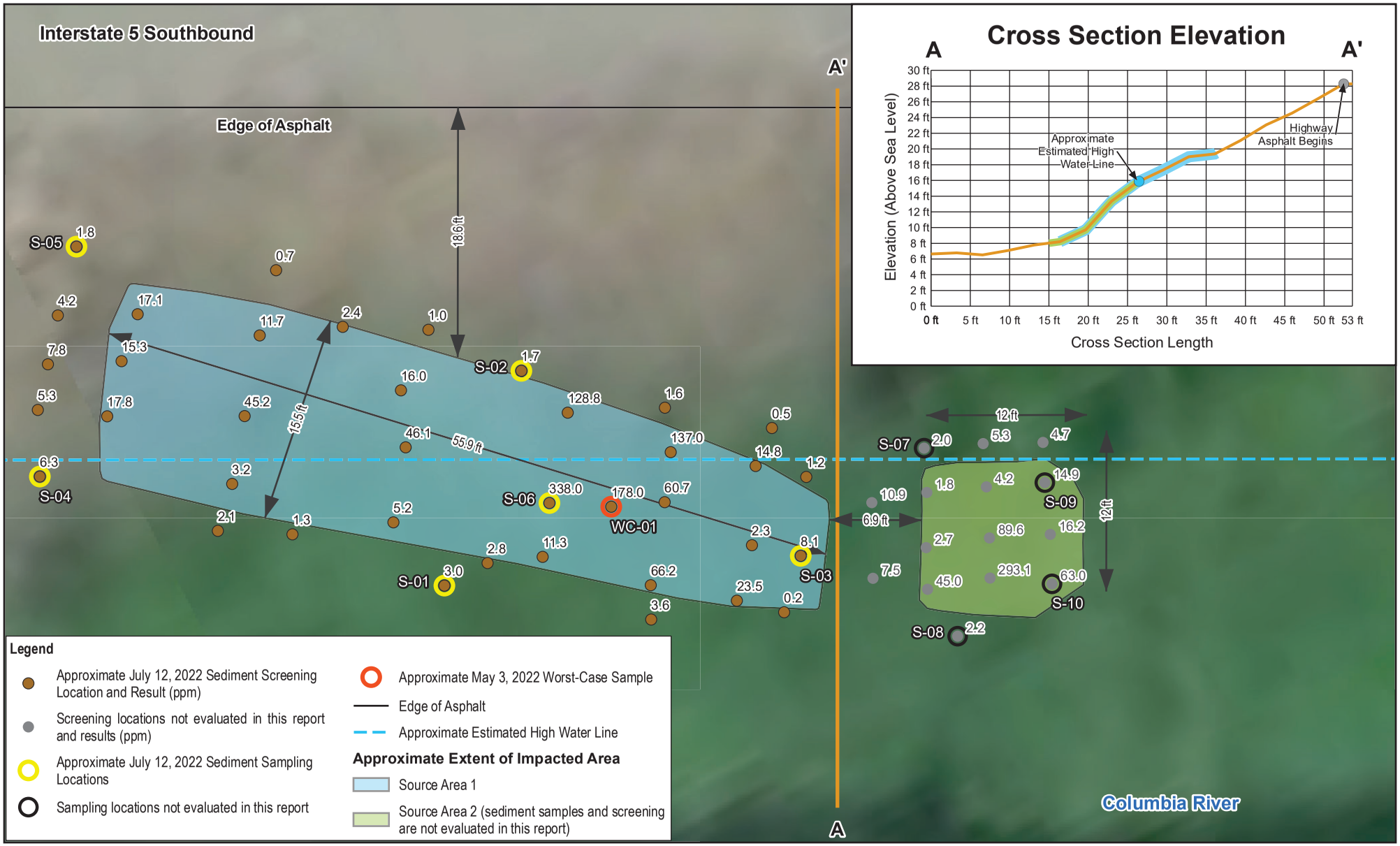
Data source: Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Notes
Sediment sample and screening results are in parts per million (ppm).
All Site features are approximate.

Paper Size ANSI A
0 2.5 5 7.5 10
Feet
Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Washington South FIPS 4602 Feet

GHD

ICBC CLAIM # BZ75056-6
SPADY TRANSPORT LTD. DIESEL RELEASE
I-5 MILE 26.1, NEAR WOODLAND, WASHINGTON

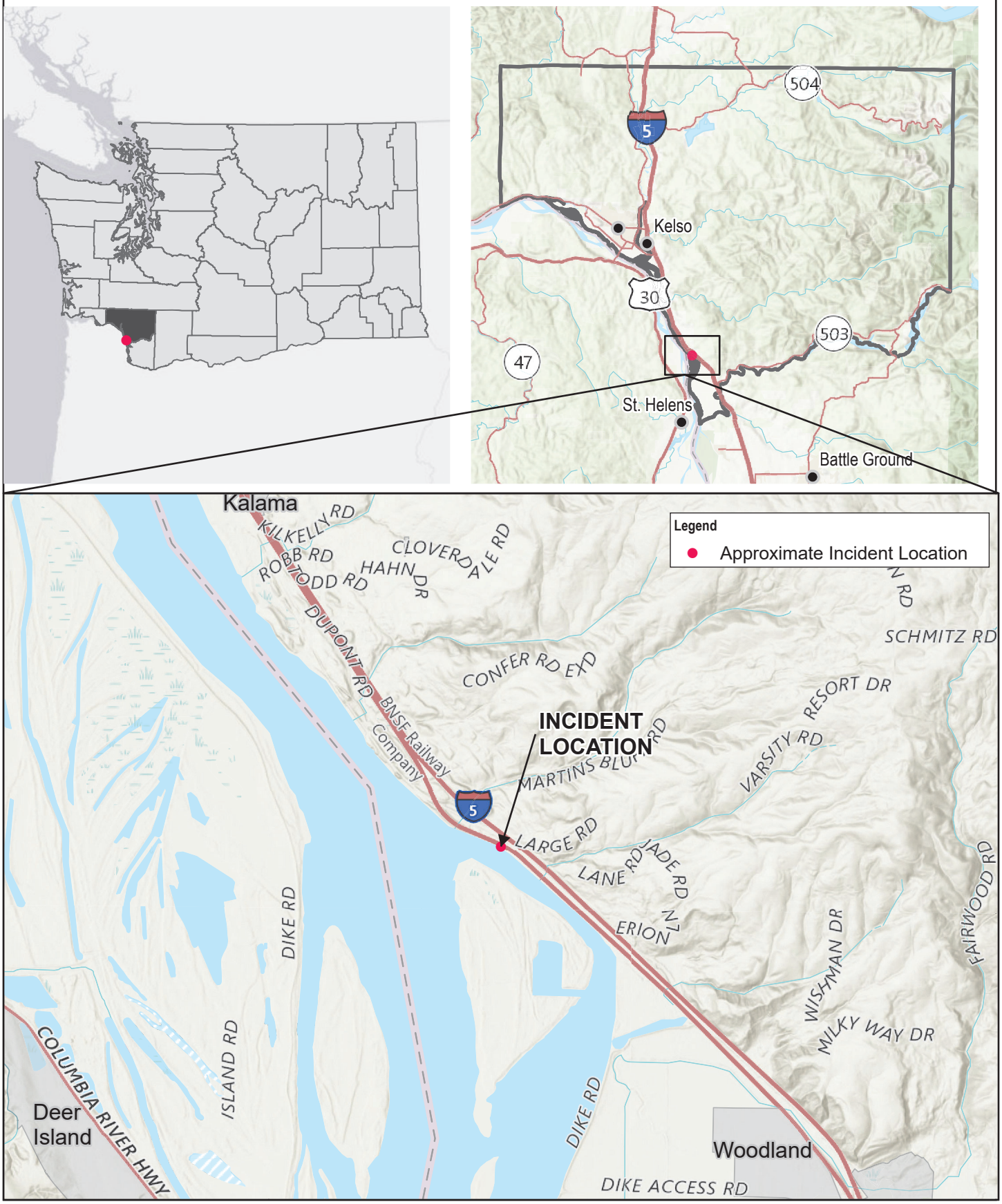
Project No. **12582989**
Revision No. **-**
Date **Dec 2, 2022**

SEDIMENT SAMPLE LOCATIONS

FIGURE 3

Q:\GIS\PROJECTS\12582000s\12582989\12582989_arcPro\12582989_arcPro.aprx - 12582989_SoilSample_GIS009
Print date: 02 Dec 2022 - 13:08

Data source: GHD; Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community. Created By: djones3



Paper Size ANSI A

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US Feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane California II FIPS 0402 Feet

N

GHD

ICBC CLAIM # BZ75056-6
SPADY TRANSPORT LTD. DIESEL RELEASE
I-5 MILE 26.1, NEAR WOODLAND, WASHINGTON

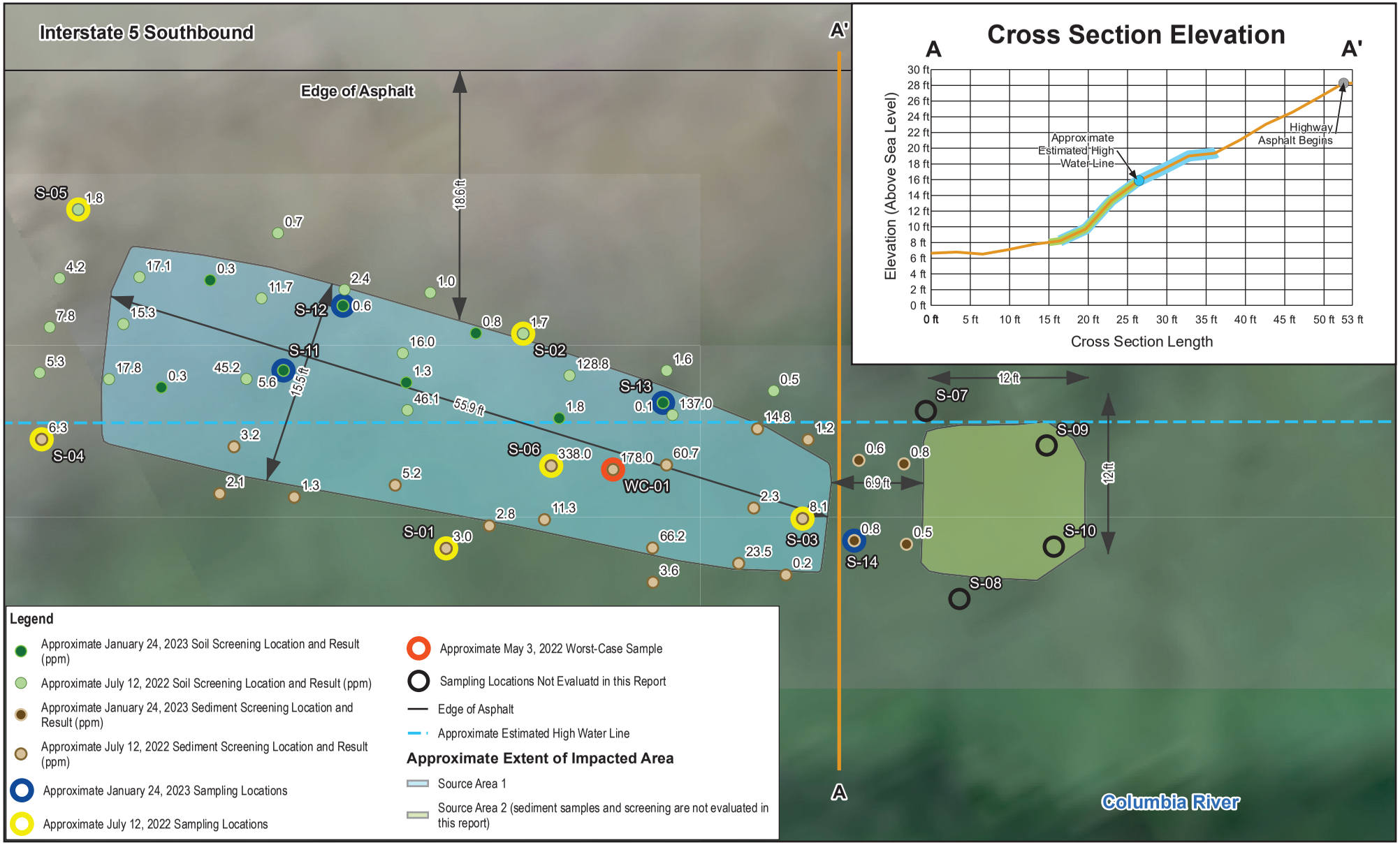
Project No. **12582989**
Revision No. **-**
Date **Oct 2022**

Site Location Map

FIGURE 1

O:\GIS\PROJECTS\12582000s\12582989\12582989_arcPro\12582989_arcPro.aprx - 12582989_SiteLocation_GIS001
Print date: 13 Oct 2022 - 12:08

Data source: World Topographic Map - labelless; Oregon State Parks, State of Oregon GEO, WA State Parks GIS, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS; World Hillshade; Esri, NASA, NGA, USGS, FEMA; World Light Gray Canvas Base; Esri, HERE, Garmin, USGS, EPA, NPS; World Topographic Map - labelless; County of Clark, WA, Oregon State Parks, State of Oregon GEO, WA State Parks GIS, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA; transportation; USGS The National Map: National Transportation Dataset; U.S. Census Bureau – TIGER/Line; U.S. Forest Service. Data Refreshed July, 2022.; World Hillshade; Esri, CGIAR, USGS. Created by: djones3



Notes
Sample and screening results are in parts per million (ppm).
All Site features are approximate.

Paper Size ANSI A
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Feet
Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Washington South FIPS 4602 Feet

GHD

ICBC CLAIM # BZ75056-6
SPADY TRANSPORT LTD. DIESEL RELEASE
I-5 MILE 26.1, NEAR WOODLAND, WASHINGTON

SOIL AND SEDIMENT SAMPLE LOCATIONS

Project No. 12582989
Revision No. -
Date Mar 1, 2023

FIGURE 2

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Print date: 01 Mar 2023 - 14:55

Data source: GHD; . Created By: djones3

Sample Key
ICBC Claim #BZ75056-6
Spady Transport Ltd. Diesel Release
I-5 Mile 26.1, near Woodland, Washington

Sample Identification	Location Identification	Location Description	Date	Depth (m BGS)	VOC (ppm)	Analysis
Worst-Case Samples						
SO-12582989-050322-KLM-TP1-12	WC-01	Source Area 1	05/03/2022	0.1	178.3	(1)
Surface Water Samples						
WS-12582989-050322-KLM-SW 4	SW-00A	Approximately 500 m upstream of the Incident area	05/03/2022	-	-	(1)
WS-12582989-050322-KLM-SW 3	SW-00B	Approximately 250 m upstream of the Incident area	05/03/2022	-	-	(1)
WS-12582989-050322-KLM-SW 2	SW-01	Adjacent to the Incident area	05/03/2022	-	-	(1)
WS-12582989-050322-KLM-SW 1	SW-02	Approximately 200 m downstream of the Incident area	05/03/2022	-	-	(1)
Sediment Samples						
12582989-071222-KLM-TP1-16	S-01	Source Area 1	07/12/2022	0.1	3.0	(1)
12582989-071222-KLM-TP1-22	S-02	Source Area 1	07/12/2022	0.1	1.7	(1)
12582989-071222-KLM-TP1-33	S-03	Source Area 1	07/12/2022	0.1	8.1	(1)
12582989-071222-KLM-TP1-35	S-04	Source Area 1	07/12/2022	0.1	6.3	(1)
12582989-071222-KLM-TP1-36	S-05	Source Area 1	07/12/2022	0.1	1.8	(1)
12582989-071222-KLM-TP1-8	S-06	Source Area 1	07/12/2022	0.1	338.0	(1)

Notes:

m BGS	- Metres below ground surface
VOC	- Volatile organic compounds
ppm	- Parts per million
m	- Metres
-	- Not applicable
(1)	- BTEX, TPH GRO, TPH DRO, TPH ORO
VOC	- Volatile organic compounds
TPH GRO	- Total petroleum hydrocarbons gasoline range organics
TPH DRO	- Total petroleum hydrocarbons diesel range organics
TPH ORO	- Total petroleum hydrocarbons oil range organics
BTEX	- Benzene, toluene, ethylbenzene, xylenes
TOC	- Total organic carbon

Table 2

Summary of Surface Water Analytical Results
ICBC Claim #BZ75056-6
Spady Transport Ltd. Diesel Release
I-5 Mile 26.1, near Woodland, Washington

Location Identification:				SW-00A	SW-00B	SW-01	SW-02
Sample Identification:				WS-12582989-050322-KLM-SW4	WS-12582989-050322-KLM-SW3	WS-12582989-050322-KLM-SW2	WS-12582989-050322-KLM-SW1
Sample Date:				05/03/2022	05/03/2022	05/03/2022	05/03/2022
Parameters	**Units**	**LEOC-FW a**	**PARSW-FW b**				
TPH							
TPH - Diesel Range Organics	µg/L	220	150	ND (130)	ND (130)	ND (130)	ND (130)
TPH - Gasoline Range Organics	µg/L	2,100	1,000	ND (50)	ND (50)	ND (50)	ND (50)
TPH - Oil Range Organics	µg/L	--	--	ND (250)	ND (250)	ND (250)	ND (250)
BTEX							
Benzene	µg/L	--	10	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Ethylbenzene	µg/L	--	12	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Toluene	µg/L	--	53	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Xylenes (total)	µg/L	--	57	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)

Notes:

a - WA DOE Environmental Effects-Based Concentrations TPH: Toxicity in Marine Water and Freshwater - Lowest-Observed Effect Concentrations - Freshwater (LOEC-FW)
b - WA DOE Concentrations of Gasoline and Diesel Range Organics Predicted to be Protective of Aquatic Receptors in Surface Waters - Freshwater (PARSW-FW)
WA DOE - Washington State Department of Ecology
TPH - Total petroleum hydrocarbons
BTEX - Benzene, toluene, ethylbenzene, xylene
µg/L - Micrograms per litre
-- - No applicable standard or guideline
ND (130) - Not detected at the associated reporting limit

Table 3

Summary of Sediment Analytical Results
ICBC Claim #BZ75056-6
Spady Transport Ltd. Diesel Release
I-5 Mile 26.1, near Woodland, Washington

Location Identification:			WC-01	S-01	S-02	S-03	S-04	S-05	S-06
Sample Identification:			SO-12582989-050322-KLM-TP1-12	12582989-071222-KLM-TP1 16	12582989-071222-KLM-TP1 22	12582989-071222-KLM-TP1 33	12582989-071222-KLM-TP1 35	12582989-071222-KLM-TP1 36	12582989-071222-KLM-TP1 8
Sample Date:			05/03/2022	07/12/2022	07/12/2022	07/12/2022	07/12/2022	07/12/2022	07/12/2022
Parameters	**Units**	**WAC SCO a**							
TPH									
TPH - Diesel Range Organics	mg/kg	340	6,900[a]	ND (25)	51	550[a]	78	110	ND (25)
TPH - Gasoline Range Organics	mg/kg	--	350	ND (3.0)	ND (3.0)	6.5	ND (3.0)	ND (3.0)	ND (3.0)
TPH - Oil Range Organics	mg/kg	--	ND (500)	ND (50)	190	170	200	320	ND (50)
BTEX									
Benzene	mg/kg	--	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Ethylbenzene	mg/kg	--	1.1	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)
Toluene	mg/kg	--	0.39	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)
Xylenes (total)	mg/kg	--	8.4	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.020)

Notes:

a	- WAC Freshwater Sediment Cleanup Objectives and Cleanup Screening Levels Chemical Criteria - Sediment Cleanup Objective (SCO)
WAC	- Washington Administrative Code
TPH	- Total petroleum hydrocarbons
BTEX	- Benzene, toluene, ethylbenzene, xylene
mg/kg	- Milligrams per kilogram
--	- No applicable standard or guideline
ND (500)	- Not detected at the associated reporting limit
6,900[a]	- Result exceeds standard or guideline indicated by superscript

Sample Key
ICBC Claim #BZ75056-6
Spady Transport Ltd. Diesel Release
I-5 Mile 26.1, near Woodland, Washington

Sample Identification	Location Identification	Location Description	Date	Depth (m BGS)	VOC (ppm)	Analysis
Soil Samples						
12582989-071222-KLM-TP1-22	S-02	Source Area 1	07/12/2022	0.1	1.7	(1)
12582989-071222-KLM-TP1-36	S-05	Source Area 1	07/12/2022	0.1	1.8	(1)
12582989-012423-AC-TP1-56	S-11	Source Area 1	01/24/2023	0.1	5.6	(1)
12582989-012423-AC-TP1-57	S-12	Source Area 1	01/24/2023	0.1	0.3	(1)
12582989-012423-AC-TP1-61	S-13	Source Area 1	01/24/2023	0.1	0.1	(1)
Sediment Samples						
12582989-012423-AC-TP1-63	S-14	Source Area 1	01/24/2023	0.1	0.8	(1)

Notes:

m BGS	- Metres below ground surface
VOC	- Volatile organic compounds
ppm	- Parts per million
m	- Metres
-	- Not applicable
(1)	- BTEX, TPH GRO, TPH DRO, TPH ORO
VOC	- Volatile organic compounds
TPH GRO	- Total petroleum hydrocarbons gasoline range organics
TPH DRO	- Total petroleum hydrocarbons diesel range organics
TPH ORO	- Total petroleum hydrocarbons oil range organics
BTEX	- Benzene, toluene, ethylbenzene, xylenes
TOC	- Total organic carbon

Table 2

Summary of Soil Analytical Results
ICBC Claim #BZ75056-6
Spady Transport Ltd. Diesel Release
I-5 Mile 26.1, near Woodland, Washington

Location Identification:			S-02	S-05	S-11	S-12	S-13
Sample Identification:			12582989-071222-KLM-TP1 22	12582989-071222-KLM-TP1 36	12582989-012423-AC-TP1-56	12582989-012423-AC-TP1-57	12582989-012423-AC-TP1-61
Sample Date:		CLARC Method A Unrestricted Land Use	07/12/2022	07/12/2022	01/24/2023	01/24/2023	01/24/2023
Parameters	**Units**	**a**					
General Chemistry							
Total organic carbon (TOC)	%	--	3.7	2.6	-	-	-
PHCs							
Total Petroleum Hydrocarbons - Diesel Range Organics	µg/g	2000	51	110	1700	ND (25)	ND (25)
Total Petroleum Hydrocarbons - Gasoline Range Organics	µg/g	100	ND (3.0)	ND (3.0)	ND (3.0)	ND (3.0)	ND (3.0)
Total Petroleum Hydrocarbons - Oil Range Organics	µg/g	2000	190	320	ND (250)	ND (50)	63
VOCs							
Benzene	µg/g	0.03	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)
Ethylbenzene	µg/g	6	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)
Toluene	µg/g	7	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)
Xylenes (total)	µg/g	9	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.020)

Notes:

a	- WAC Cleanup Levels and Risk Calculation for Soil (CLARC) - Method A - Unrestricted Land
WAC	- Washington Administrative Code
PHCs	- Petroleum hydrocarbons
VOCs	- Volatile organic compounds
BTEX	- Benzene, toluene, ethylbenzene, xylene
µg/g	- Micrograms per gram
--	- No applicable standard or guideline
ND (500)	- Not detected at the associated reporting limit

Table 3

Summary of Sediment Analytical Results
ICBC Claim #BZ75056-6
Spady Transport Ltd. Diesel Release
I-5 Mile 26.1, near Woodland, Washington

Location Identification:			**S-14**
Sample Identification:			**12582989-012423-AC-TP1-63**
Sample Date:			**01/24/2023**
Parameters	**Units**	**WAC SCO a**	
TPH			
TPH - Diesel Range Organics	mg/kg	340	36
TPH - Gasoline Range Organics	mg/kg	--	ND (3.0)
TPH - Oil Range Organics	mg/kg	--	ND (50)
BTEX			
Benzene	mg/kg	--	ND (0.0050)
Ethylbenzene	mg/kg	--	ND (0.010)
Toluene	mg/kg	--	ND (0.010)
Xylenes (total)	mg/kg	--	ND (0.020)

Notes:

a	- WAC Freshwater Sediment Cleanup Objectives and Cleanup Screening Levels Chemical Criteria - Sediment Cleanup Objective (SCO)
WAC	- Washington Administrative Code
TPH	- Total petroleum hydrocarbons
BTEX	- Benzene, toluene, ethylbenzene, xylene
mg/kg	- Milligrams per kilogram
--	- No applicable standard or guideline
ND (500)	- Not detected at the associated reporting limit

Table 3

Analytical Results Summary
Soil Sampling
ICBC - Claim # BZ75056-6
Woodland, Washington
January 2023

	Location ID:	S-11	S-12	S-13	S-14
	Sample Name:	12582989-012423-AC-TP1-56	12582989-012423-AC-TP1-57	12582989-012423-AC-TP1-61	12582989-012423-AC-TP1-63
	Sample Date:	01/24/2023	01/24/2023	01/24/2023	01/24/2023
Parameters	**Unit**				
Volatile Organic Compounds					
Benzene	mg/kg	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Ethylbenzene	mg/kg	0.010 U	0.010 U	0.010 U	0.010 U
Toluene	mg/kg	0.010 U	0.010 U	0.010 U	0.010 U
Xylenes (total)	mg/kg	0.020 U	0.020 U	0.020 U	0.020 U
Total Petroleum Hydrocarbons					
Total Petroleum Hydrocarbons - Diesel Range Organics	mg/kg	1700	25 U	25 U	36
Total Petroleum Hydrocarbons - Gasoline Range Organics	mg/kg	3.0 U	3.0 U	3.0 U	3.0 U
Total Petroleum Hydrocarbons - Oil Range Organics	mg/kg	250 U	50 U	63	50 U

Notes:

U - Not detected at the associated reporting limit

Cowlitz County Property Information

Property ID: 3006117 Parcel: WC3400001 Site Address:

Owner Information

Owner: STATE DEPT HWY
Mailing Address:

Photos

General Property Info

Jurisdiction: COWLITZ
Acres: 14.3400
Curr Assmt Yr: 2022
Abbr Prop Ref: 34 -6N -1W T-1A,2A,4A 55 CHAINS FOR DESC SEE FEE 681196 T-11 THAT PT LOT 3 W OF NP RR R/W EXC R/W
Sect/Township/Range: 34-6N-1W
Property Use: TIDELANDS
Neighborhood: KALAMA RURAL - N WOODLAND
Tax Code Area: 760

Current Assessed Values For 2022

Land Value: $153,750
Improvement Value: $0
Current Use: $0
Total Assessed Value: $153,750

Current Taxes For 2023 Payable Year

Taxes: $0.00
Assessments: $0.00
Total Charges: $0.00
First Half: $0.00
Second Half: $0.00
Total Paid: $0.00
Total Due: $0.00

Cowlitz County Property Information

Property ID: 3006117 Parcel: WC3400001 Site Address:

Property Details

I5 SB MP 25.5 Truck 1 diesel release

April 17, 2023

1:4,514

0 0.03 0.05 0.1 mi

0 0.04 0.08 0.16 km

N

WA Dept. of Ecology