



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 #:

661850
N/A
Snohomish
10202
14341

SITE INFORMATION

<u>Site Name (Name over door):</u> Olmsted Transportation Spill	<u>Site Address (including City, State and Zip):</u> 27121 SR 9 NE Arlington, WA 98223	<u>Phone</u> <u>Email</u>
<u>Site Contact, Title, Business:</u> Joel Smith North County Regional Fire Authority	<u>Site Contact Address (including City, State and Zip):</u>	<u>Phone</u> (360) 913-0254 <u>Email</u>
<u>Site Owner, Title, Business:</u>	<u>Site Owner Address (including City, State and Zip):</u>	<u>Phone</u> <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>		

Latitude (Decimal Degrees): 48.242543

Longitude (Decimal Degrees): -122.159881

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.

<u>Inspection Conducted?</u> Yes ☒ No ☐	<u>Date/Time:</u> 12/30/15 Carl Andersen	<u>Entry Notice:</u> Announced ☐ Unannounced ☒
<u>Photographs taken?</u> Yes ☒ No ☐	Note: Attach photographs or upload to PIMS	
<u>Samples collected?</u> 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):

North County Regional Fire Authority (NCRFA) Joel Smith reported an overturned semi with a severed diesel hose. Initial estimate was 100-150 gallons of diesel released to a ditch (MS4) alongside the highway. Heavy tow truck was en-route and driver was taken to hospital. Caller also believed that WSDOT was en-route.

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

Initial report of impacts to a ditch turned out to be incorrect. Quantity spilled was down-graded from 150 to 15 gallons. Spill Response follow-up indicated that no waterways were impacted and spill was contained to the asphalt and shoulder. NRC cleanup report shows that remaining soils are below MTCA Method A standards. Recommendation: NFA due to Independent Cleanup Action Completed.

Investigator: Donna Musa

Date Submitted: 7/17/2017

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.):

Ecology Spill Responder Carl Andersen responded to the incident the day it occurred. Andersen's follow-up from Spills Database:

12.30.2015 Page from NWRO ROTD Andy Quast for this Go response.

Andersen responded and met with Joel Smith N. County Regional Fire, Lt Battalion Chief at 1633. Dick's towing was on scene and rigging the semi and trailer for up righting. Small stream from drivers side fuel tank about 2-3 gallons per hour. I put a number of pads under the stream to collect and contain. Appeared this had been leaking since the spill and had gone to the shoulder. No water impacts and nearby Roth Creek is about 200-300 feet away. Two nearby houses are on drinking water wells, individual.

Truck was up righted at 1742. Appears small spill. Joseph May, adjuster for Olmstead trucking was on scene and we discussed the spill.

Based on my calculation I estimated that both tanks were about 110 gallons total capacity with the potential worst case spill volume at 220 gallons. I measured both tanks and came up with 10 inches of product in the drivers side fuel saddle tank which had been leaking from the cap. Passenger side fuel saddle tank measured at 14 inches of product. This equals 40 gallons in drivers side and 61 gallons on passenger side. I spoke with

owner Bart Smith and he indicated that tanks read about 1/2 at the time of the accident so the numbers are pretty close.

My estimate based on the spill stream I noted and assuming it was ongoing from 1345 to 1745 (four hours) when the truck was up-righted at a flow rate of 2-4 gallons per hour is 8 to 16 gallons. It looked like the pads I deployed collected a couple gallons leaving 6 to 14 gallons in the shoulder soil which Dick's removed partially.

Off-site around 1900. Roadway was still closed and Dick's Towing forklift just arrived to remove dumped load of wood veneer. WSP and WSDOT still on-site and Sno Co PUD replacing pole. Power still off to local two houses.

12.30.2015 Joseph May called and shared that NRCES was deployed and would assess the area, complete cleanup and sample.

NFA for Andersen at this time.

NRCES Richard called and is attempting to do cleanup but needs to work with WSDOT to do flagging, etc. Richard stated that most samples were below cleanup level but one still was around 29,000 ppm diesel. I told him I look at it as we want the spill cleaned up to the way it was before the accident and that is more protective of the environment.

Carl Andersen forwarded NRC Environmental's cleanup report to Donna Musa on 1/27/16.

In order to identify the areas of petroleum-impacted soil before remediation, NRC initially obtained four discrete soil samples from the site on 12/31/15. Analytical results obtained 1/4/16 indicated that diesel-range hydrocarbons in soil were 29,000 mg/kg at only one of the four sample locations. Since this was above MTCA Method A, additional excavation was conducted on 1/7/16. Confirmation sample showed MTCA Method A had been met, at 310 mg/kg diesel in soil.

Documents reviewed:

Report of Activities for Diesel Spill, 27230 SR 9, Arlington, WA. NRCES, Seattle, Washington. January 22, 2016.

Incident 86144 Follow-Up Report, Ecology Spills Program Integrated Information System (SPIIS). December 30, 2015.

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	B					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): _____ (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

Specific confirmed contaminants include:

_____ in Soil

_____ in Groundwater

_____ in Other (specify matrix: _____)

Facility/Site ID No. (if known):

10202

Cleanup Site ID No. (if known):

14341

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.