

INITIAL INVESTIGATION FIELD REPORT

ERTS Number:653179Parcel #(s):0625069012 & 0625069141County:KingFSID #:65529726CSID #:12638

SITE INFORMATION

Site Name (Name over door): UPS Redmond Center Spill	Site <u>Address</u> (including City, State and Zip): 18001 NE Union Hill Rd Redmond, WA 98052	Phone/email:
Site Contact, Title, Business: Jennifer Halcomb-LeBeau, Project Manager, Arcadis	Site Contact Address (including City, State and Zip): Jennifer.LeBeau@arcadis-us.com	Phone/email: (404) 952-1618
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):	Additional Info:	
Alternate Site Name(s):	Additional Info:	

Latitude (Decimal Degrees):	
Longitude (Decimal Degrees):	

INSPECTION INFORMATION

Inspection Conducted? Yes No 🛛	P Date/T	me:	Entry Notice: Announced 🗌 Unannounced 🗌	
Photographs taken?	Yes 🗌	No 🖂	Photos available in site report	
Samples collected?	Yes 🗌	No 🖂	Data available in site report	

RECOMMENDATION

No Further Action (Check appropriate box below):	LIST on Confirmed and Suspected
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):

"The caller reported that diesel discharged from a feeder truck due to a multi-vehicle accident. Another UPS truck was backing up and punctured the fuel tank of the feeder truck."

CURRENT SITE STATUS (Brief Summary of why Site is recommended for Listing or NFA): Confirmation samples collected indicate the remedial action was successful in reducing soil concentrations to below MTCA Method A.

Note: although this surface spill was at the same location as an existing VCP project (NW2822), it is considered to be a separate release and will be issued a new cleanup site ID.

Investigator:	Donna Musa	Date Submitted: 3/26/2015

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.):

Documents reviewed:

Independent Remedial Action Report, UPS Redmond Center, 18001 NE Union Hill Rd, Redmond, WA 98052, Facility/Site ID 65529726. Arcadis US, Inc. Seattle, WA. January 30, 2015.

A multi-vehicle accident caused a surface spill of diesel from a feeder truck at the UPS Redmond Center on November 26, 2014. The impacted area was a gravel parking lot near the SE corner of the facility warehouse building. An estimated 150 gallons of diesel spilled.

The UPS Redmond Center consists of two tax parcels (0625069012 & 0625069141), totaling 36.31 acres. The spill occurred on 0625069012. The neighborhood is primarily commercial and industrial businesses to the east, west, and south, and a medical facility to the north. The site is accessed by NE Union Hill Road on the north. Stormwater at the site is conveyed via drains located in the SE parking area to an oil water separator system. John Rose, Ecology After-hours Spill Responder, made contact with Treair Smith, reporting party, at the time of the incident. Ecology Spills did not respond to the scene after it was confirmed all impacts were to soil by the National Response Corporation Environmental Services (NRCES) representative.

On November 26 through December 4, 2014, approximately 80 cubic yards of impacted soil were excavated by NRCES. Following excavation activities, eight confirmation sample locations were selected. Groundwater was not encountered in the excavation, however due to the release's proximity to storm water infiltration, the area was monitored for several days for presence of sheen. Samples for DRO, HO, BTEX, cPAHs and naphthalenes exhibited no concentrations above MTCA Method A cleanup levels. A grab water sample collected from the infiltration area contained detectable concentrations of DRO, naphthalenes and cPAHs, but not above MTCA Method A.



(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
	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	RB					Hydrocarbons composed of two or more benzene rings.
Non-Halogenated Organics	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	RB					TEX
	Petroleum Diesel	RB					Petroleum Diesel
	Petroleum Gasoline						Petroleum Gasoline
	Petroleum Other	RB					Oil range organics
	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 Organics	Halogenated solvents						PCE, chloroform, EDB, EDC, MTBE
(see notes at bottom)	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</i> <i>'dibenzofuran', which is a non-chlorinated compound that is</i> <i>detected using the semivolatile organics analysis 8270</i>
	Metals - Other						Cr, Se, Ag, Ba, Cd
Metals	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
	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)
Other Contaminants	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)

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 derivitive. Referral to the HSDB is recommended 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 Ch. 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 Receive ERTS Complaint Other (please explain): 	ed)						
Does an Early Notice Letter need to I If <i>No</i> , please explain why:	Does an Early Notice Letter need to be sent:							
NAICS Code (if known): Otherwise, briefly explain how prope	erty is/was used (i.e., gas station, dry cleaner, paint shop, vacant	land, etc.):						
Site Unit(s) to be created (Unit Type): If multiple Units needed, please explai	Upland (includes VCP & LUST) Sediment							
Cleanup Process Type (for the Unit):	 No Process Voluntary Cleanup Program Ecology-supervised or conducted Federal-supervised or conducted 							
Site Status: Awaiting Cleanup Cleanup Started No Further Action Rec	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 inclu	ude: Facility/Site ID No. (if known):							
in Soil	Cleanup Site ID No. (if known):							
in Groundwater								
in Other (specify i	matrix:)							

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.