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):	**734922**
Parcel # (s):	**90293**
County:	**Cowlitz**
FSID #:	**9466124**
CSID #:	17206
UST #:	Click to enter text.

SITE INFORMATION

Site Name (Name over the door): **BNSF Longview Switching Yard**	Site Address (including City, State, and Zip): **115 Industrial Way, Longview, WA 98632-1003**	Phone Click to enter text. Email Click to enter text.
Site Contact, Title, Business: **Jeff Hankins, BNSF Railway, Manager, Hazardous Materials Field Operations and Emergency Response**	Site Contact Address (including City, State, and Zip): **1624 1st St. NW, Albuquerque, NM 87102**	Phone **O: 505.767.6847** **C: 505.218.3582** Email **Jeffrey.Hankins2@BNSF.com**
Site Owner, Title Business: **BNSF Railway Company**	Site Owner Address (including City, State, and Zip): **PO Box 961089** **Fort Worth, TX 76161-0089**	Phone Click to enter text. Email Click to enter text.
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): Click to enter text.	Additional Info (for any Site Information Item): Click to enter text.	
Alternate Site Name(s): Click to enter text.		

Latitude (Decimal Degrees):	**46.112285**	**Longitude** (Decimal Degrees):	**-122.909716**

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 the appropriate box below):		**LIST on NFA 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):

Diesel release of approximately 30 gallons during fueling activity.

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

Contaminated railway ballast rock removed.

Investigator: **Aaren Fiedler, LG**	Date Submitted: **2/25/2025**

OBSERVATIONS ☐ **Please check this box if you included information on the Supplemental Page at the end of the report.**

Description (If a site visit is made, please be sure to include the following: site observations, site features, and cover, Chronology of events, sources/past practices likely responsible for the contamination, presence of water supply wells and other potential exposure pathways, etc.):

Republic Services (Republic) responded to the release on November 9, 2024. Absorbent material had been placed on the area prior to Republic's arrival.

The release occurred on railway ballast rock.

Republic used an excavator and hand tools to remove impacted ballast rock and debris. The ballast rock removal was guided using field screening techniques.

The excavated area was backfilled with ballast material provided by BNSF.

Although the ballast rock was reportedly containerized in four cubic yard boxes, no disposal information was provided.

No analytical samples were collected from the ballast material. This is typical given its size greater than 2 mm.

Because the release was to railway ballast rock and it was reportedly removed, I recommend adding this release to the NFA sites list with a new CSID associated with the FSID listed above.

Documents reviewed:

BNSF Hazmat, Hazmat Response Incident Report, November 9, 2024.

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, or 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). *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, and 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 used as a gasoline additive to promote complete combustion and help reduce air pollution.
	Benzene	Select	Select	Select	Select	Select	Benzene
	Other Non-Halogenated Organics	Select	Select	Select	Select	Select	TEX
	Petroleum Diesel	**RB**	Select	Select		Select	Petroleum Diesel
	Petroleum Gasoline	Select	Select	Select	Select	Select	Petroleum Gasoline
	Petroleum Other	**RB**	Select	Select		Select	Oil-range organics
Halogenated Organics (see notes at bottom)	PBDE	Select	Select	Select	Select	Select	Polybrominated diphenyl 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*
	Per- and polyfluoroalkyl substances (PFAS)	Select	Select	Select	Select	Select	Aqueous Film-Forming Foam
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

CONTAMINANT GROUP	CONTAMINANT	*SOIL*	*GROUNDWATER*	*SURFACE WATER*	*AIR*	*SEDIMENT*	DESCRIPTION
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)
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 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 the contaminant matrix above with the 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 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 derivatives. 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: **Release should get a NFA-list notice**

NAICS Code (if known): **488210**
Otherwise, briefly explain how the 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:
Click to enter tex in Soil
Click to enter text. in Groundwater
NWTPH-Dx in Other (specify matrix: Choose an item. Railway Ballast Rock

Facility/Site ID No. (if known):
Click to enter text.
Cleanup Site ID No. (if known):
Click to enter text.

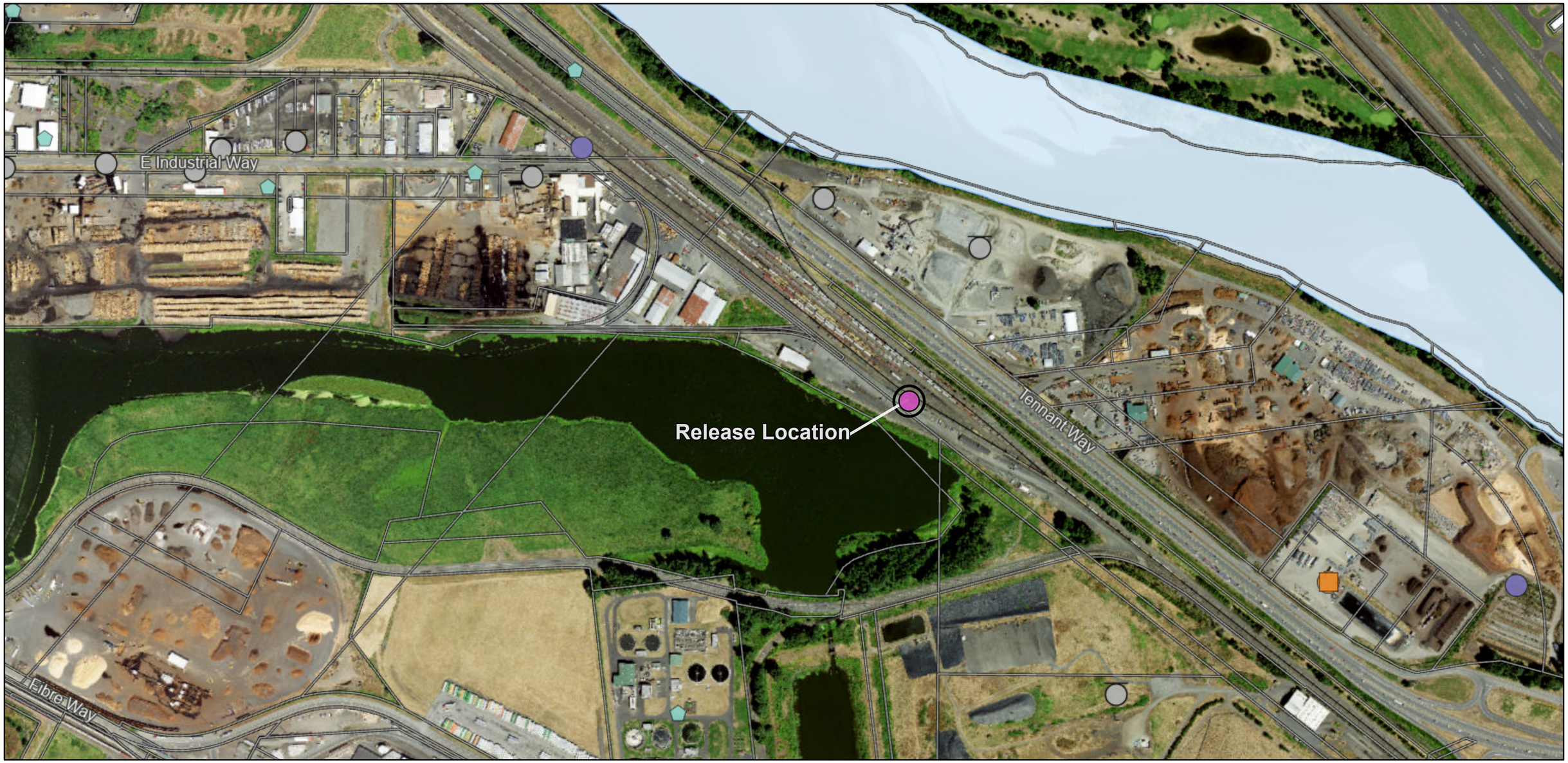
COUNTY ASSESSOR INFO: Please attach to this report a copy of the tax parcel/ownership information for each parcel associated with the site, as well as a parcel map illustrating the parcel boundary and location.

Additional or Supplemental Information for Observations Page

Please use this box for any text that requires special formatting.

Click to enter text.

Ecology Figure 1: Release Location with Parcels



March 3, 2025

1:9,028

UST Sites 1
Active/Inactive
Inactive

VCP Cleanupsites 1
Cleanup Status
Cleanup Started

TCP Cleanupsites 1
Cleanup Status
Cleanup Started
Complete

LUST Sites 1

ECY Program Data 1
EcologyProgram
HAZWASTE

roads

NHD Area
NHD Area
Large Rivers

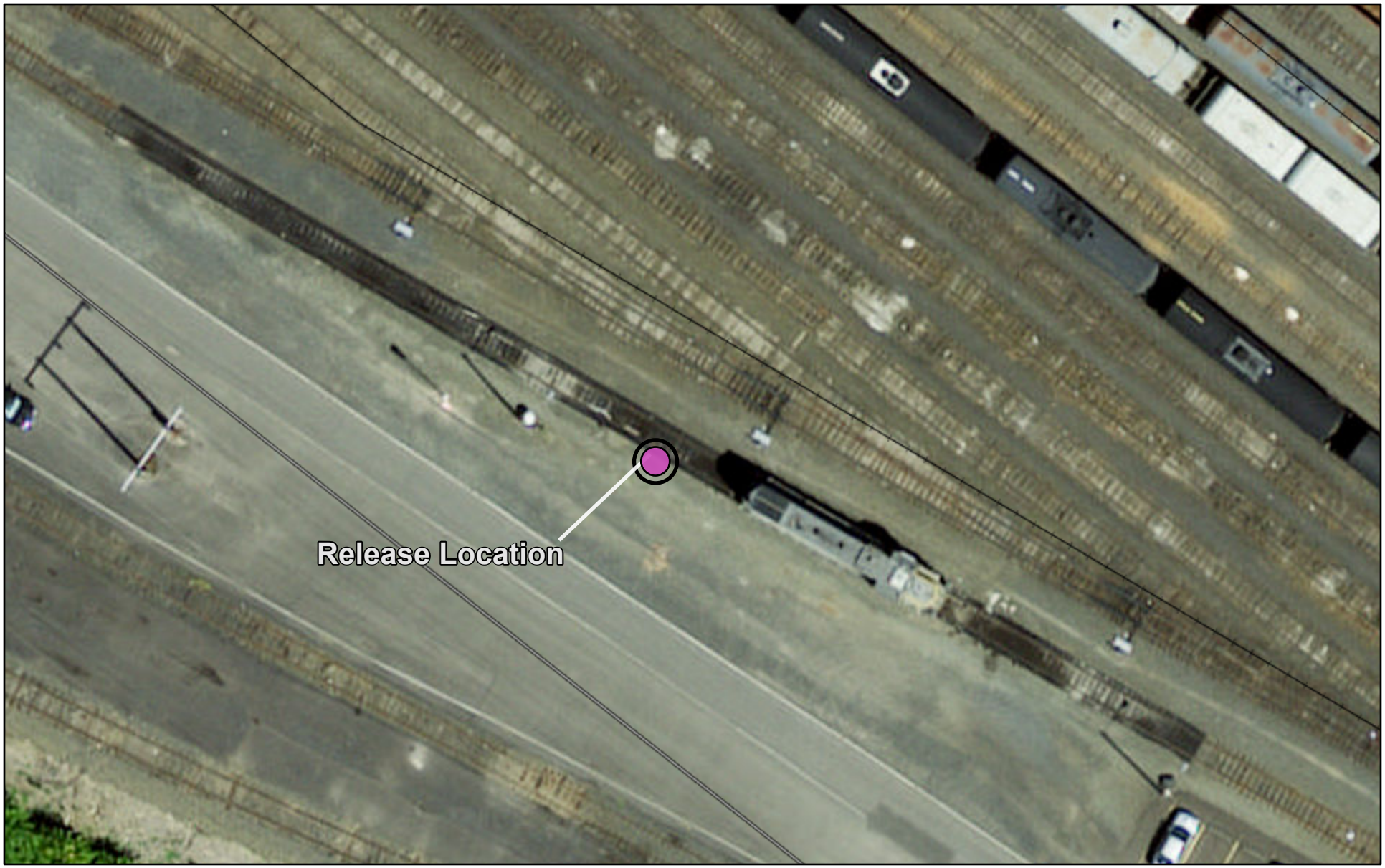
NHD Flowlines
NHD Named Rivers
Canal, Ditch

0 0.05 0.1 0.2 mi
0 0.1 0.2 0.4 km

N

WA Dept. of Ecology

Ecology Figure 2: Release Location Detail



March 3, 2025

1:564

0 0 0.01 0.01 mi

0 0 0.01 0.02 km

N

WA Dept. of Ecology

BNSF HAZMAT

HAZMAT RESPONSE INCIDENT REPORT

Use this report for all Non-Accident Releases (NAR's) and Accident Caused Releases. Conduct a job specific safety briefing, know your protection and know your product.
Return to HazMat Manager that initiated you within 3 days.

*Required

***Car Number:** (ex: UTLX 1234)	**N/A**
D-Code:	**24K063**

EVENT INFORMATION:															
Date Notified:	11/9/24	**Time Notified: (Use 24 Hr. Time)**	1430	**CT** ☐	**MT** ☐	**PT** ☒	**Arrival Date:**	11/9/24	**Time of Arrival (Use 24 Hr. Time)**	1730	**CT** ☐	**MT** ☐	**PT** ☒		
Address of Incident:	115 Industrial Way						**City:**	Longview			**ST:**	WA	**Zip:**	98362	
County:	Cowlitz			**Train Yard/Hub Address:**	115 Industrial Way						**Track/ Lot No:**	N/A			
Mainline City:	Longview	**Mainline County:**	Cowlitz	**Milepost/ GPS:**	N/A			**Name of person First Contacted on Scene:**	Jeffrey Hankins						
***Latitude:** (8 digits)	46.11422°	***Longitude:** (8 digits)	-122.91478°	**Hazardous Class/Division:**	**N/A**			**UN No.**	N/A						
Proper Shipping Name of Product:	Diesel														

GENERAL INFORMATION:							
Built Date: Month/Year	N/A	**Identification Markings: (ex: DOT111A100W1, 1M 101)**	N/A	**PRD Rating:**	N/A	**PRD Type:**	N/A
Last Inspection Date:	N/A	**Next Inspection Date:**	N/A	**AAR Cause Code:**	N/A		

Seal Numbers: *If more seals need to be noted, please indicate in initial findings*

Transportation Phase:	**Found Location:**	**Found Seal No.:**	**Replaced Location:**	**Replaced Seal No.:**
☐In Transit				
☐Loading				
☐Unloading				
☐In Transit Storage				

INITIAL FINDINGS:

On November 9, 2024, Republic Services received a call to respond to the above-mentioned location to assess and clean the impacts of a diesel spill.

Upon arrival, RS personnel assessed the site and found that the diesel had impacted the ballast rock along the track line. Absorbent material had been placed on the gross impacts prior to RS arrival. No waterways were found to be impacted.

Estimated Product Lost:	20	☒Gal. ☐ Lbs.

CAR ORIENTATION:

N/A

ROOT CAUSE/OTHER OBSERVATIONS:

N/A

ACTIONS TAKEN

RS personnel utilized an excavator and hand tools to remove the diesel impacted ballast rock and debris. This material was placed into four (4) cubic yard boxes. Field screening operations were conducted during the excavation to determine that the extent of the impacts had been removed. The site was then backfilled with ballast material provided by BNSF.

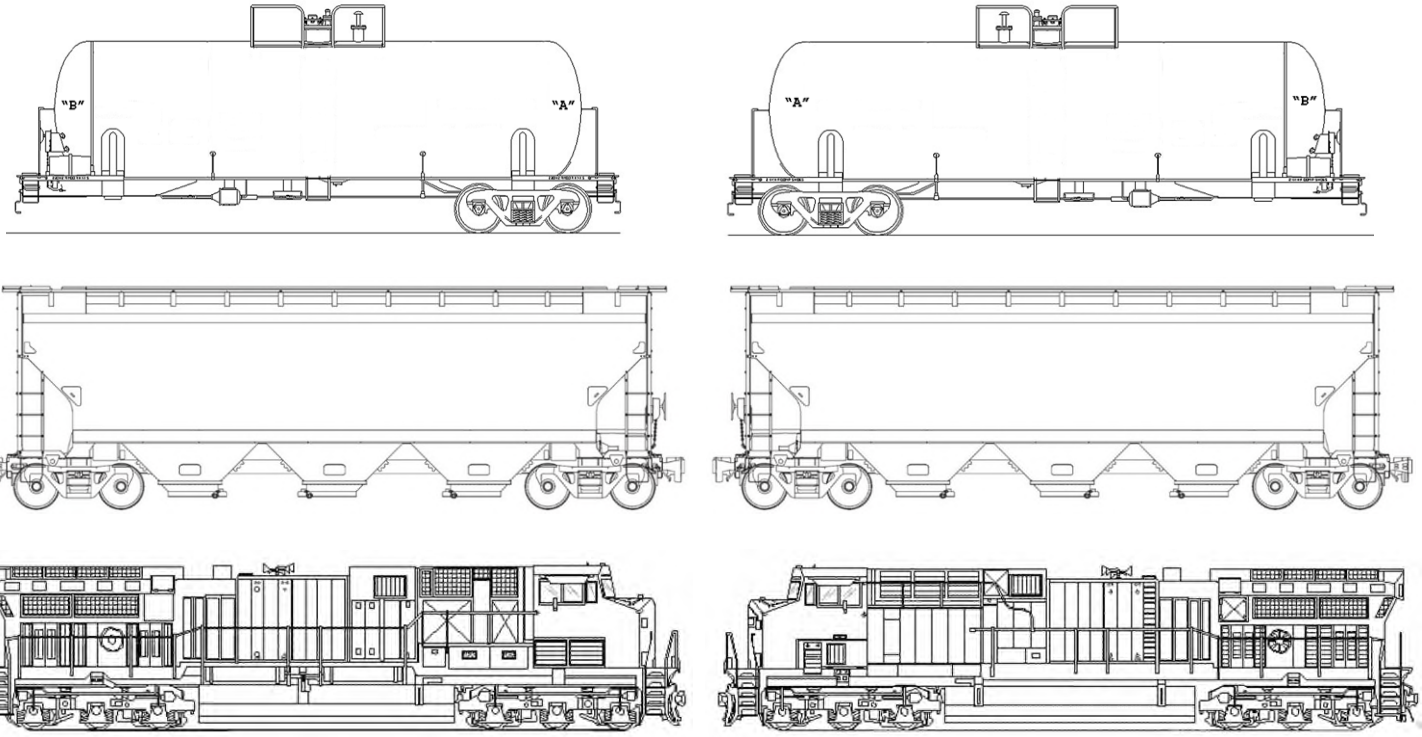
DISPOSITION OF CAR: *(if known) (example: repaired and continuing in transit)*

N/A

COST ESTIMATE: *(This is an estimate only)*

Estimated Response Cost:	**$ 5000**	**Estimated Remediation Cost:**	**$**

Show location of Leak(s) and/or damage on diagrams below:



PHOTOS ***(must be taken of the following items)***
☐Equip. ☐ Profile All Sides ☐Qualification Stencil ☐ Build Date ☐ What is Leaking ☐ Seals (Shipper & Replacement) ☐Completed Repairs
Equipment Profile All Sides - Required

Side 1

Side 2

Description/Notes:

Side 3

Side 4

Description/Notes:

QUALIFICATION STENCIL/BUILD DATE - REQUIRED

Qualification Stencil

Build Date

Description/Notes:

WHAT IS LEAKING – REQUIRED *(Photographs to show exactly what is leaking and where it is leaking from)*

Photo 1

Photo 2

Description/Notes:

What is leaking continued.

Photo 3

Photo 4

Description/Notes:

Photo 5

Photo 6

Description/Notes:

SEALS - REQUIRED

Seal Found on Car

Replacement Seal

Description/Notes:

Seals continued:

Seal Found on Car

Replacement Seal

Description/Notes:

Seal Found on Car

Replacement Seal

Description/Notes:

Seal Found on Car

Replacement Seal

Description/Notes:

COMPLETED REPAIRS – REQUIRED (*Photographs showing what was repaired, PPE in use, equipment on site, etc.)*

Photo 1

Photo 2

Description/Notes:

Completed repairs continued:

Photo 3

Description/Notes:

Photo 4

Photo 5

Description/Notes:

Photo 6

ADDITIONAL PHOTOS

Photo 1

Description/Notes:

Impacts upon arrival.

Photo 2

Impacts being removed.

Photo 3

Description/Notes:

Impacts being removed.

Photo 4

Site upon completion.

Response Contractor:	Republic Services		**Name of Individual Responding:**	Andrew Worley				
Contact No:	503-505-1258	**Date Complete:**	11/9/24	**Time Complete: (Use 24 Hr. Time)**	2000	**CT** ☐	**MT** ☐	**PT** ☒

FS ID: 9466124

Map facility | Print Report

Maxar Powered by Esri

BNSF Railway Company Longview

115 INDUSTRIAL WAY LONGVIEW WA 98632-1003

GIS latitude:
46.116

GIS longitude:
-122.91665

Ecology region:
SWRO

County:
Cowlitz

Location description:

Legislative district:
19

Congressional district:
3

WRIA:
25

Tribal land:

N

Alternate names

Also known as
BNSF Railway Company Longview
BURLINGTON NORTHERN SANTA FE RAIL WAY LO
BURLINGTON NORTHERN SANTA FE RR LONGVIEW
Longview Switching
LONGVIEW SWITCHING COMPANY

Alternate names

Interactions

NAICS codes

SIC codes

Outlook

RE: ERTS 734922 - Fuel Spill in Kelso Washington

From Hankins, Jeffrey <Jeffrey.Hankins2@BNSF.com>
Date Wed 2/26/2025 5:03 AM
To Fiedler, Aaren (ECY) <afie461@ECY.WA.GOV>

External Email

Good morning Aaren,

Here are the coordinates for the actual release point.

46.112285, -122.909716

Jeff Hankins

BNSF Railway

Manager, Hazardous Materials Field Operations and Emergency Response – NM/UT/CO
1624 1st St. NW
Albuquerque, NM 87102
Office: 505.767.6847
Cell: 505.218.3582
www.BNSFHAZMAT.com

From: Fiedler, Aaren (ECY) <afie461@ECY.WA.GOV>
Sent: Monday, February 24, 2025 4:12 PM
To: Hankins, Jeffrey <Jeffrey.Hankins2@BNSF.com>
Subject: RE: ERTS 734922 - Fuel Spill in Kelso Washington

EXTERNAL EMAIL

Jeff,

I want to follow up with you about getting a better indication of where the release occurred.

Is a map possible?

Thanks,
Aaren Fiedler, LG
SWRO VCP Site Manager / Initial Investigator
Washington State Department of Ecology
300 Desmond Dr SE, Lacey, WA 98503

Phone: 360.584.6212
Email: aaren.fiedler@ecy.wa.gov
< >

From: Fiedler, Aaren (ECY)
Sent: Monday, November 18, 2024 10:24 AM
To: 'Hankins, Jeffrey' <Jeffrey.Hankins2@BNSF.com>
Subject: RE: ERTS 734922 - Fuel Spill in Kelso Washington

Thanks Jeff.

Would it be possible to get a map showing the release location? Even it is just a screenshot of a dropped pin on your preferred web-based mapping app.

There is too much variability between the GPS coordinates reported to ERTS, the GPS coordinates in the Report, and where the given address plots, for me to be able to determine a definitive location.

Thanks,
Aaren Fiedler, LG
SWRO VCP Site Manager / Initial Investigator
Washington State Department of Ecology
300 Desmond Dr SE, Lacey, WA 98503

Phone: 360.584.6212
Email: aaren.fiedler@ecy.wa.gov
< >

From: Hankins, Jeffrey <Jeffrey.Hankins2@BNSF.com>
Sent: Monday, November 18, 2024 7:30 AM
To: Fiedler, Aaren (ECY) <afie461@ECY.WA.GOV>
Subject: RE: ERTS 734922 - Fuel Spill in Kelso Washington

Aaren,

See the attached contractor report.

Jeff Hankins

BNSF Railway

Manager, Hazardous Materials Field Operations and Emergency Response – NM/UT/CO

1624 1st St. NW

Albuquerque, NM 87102

Office: 505.767.6847

Cell: 505.218.3582

www.BNSFHAZMAT.com

BNSF HAZMAT

LIKE US ON facebook

From: Fiedler, Aaren (ECY) <afie461@ECY.WA.GOV>

Sent: Monday, November 18, 2024 8:28 AM

To: Hankins, Jeffrey <Jeffrey.Hankins2@BNSF.com>

Subject: ERTS 734922 - Fuel Spill in Kelso Washington

EXTERNAL EMAIL

Jeffrey Hankins,

I have been assigned by Ecology's Southwest Regional Office (SWRO) Toxics Cleanup Program (TCP) to conduct the Initial Investigation (II) for ERTS 734922. This release was reported to be located in Kelso WA (Seattle Subdivision, MP 102, Cowlitz County, GPS Coordinates 46.085092, -122.869945). When available, please send any reports or other information pertaining to the release to me at this email address.

Please be aware that Ecology is required to complete the II process within 90 days of receiving a report of the release (WAC 173-340-310[2]).

Thanks,

Aaren Fiedler, LG
SWRO VCP Site Manager / Initial Investigator
Washington State Department of Ecology
300 Desmond Dr SE, Lacey, WA 98503

Phone: 360.584.6212
Email: aaren.fiedler@ecy.wa.gov
< >


2591
70
THIS VEHICLE STOPS AT
ALL RAILROAD CROSSINGS
WASHINGTON
69799R