



13810 SE Eastgate Way
Ste. 440
Bellevue, WA 98005

T 425.395.0010
TRCcompanies.com

February 13, 2025

Mr. Tim Mullin, LHG
Toxics Cleanup Program
Southwest Regional Office
Washington Department of Ecology
P.O. Box 47775
Olympia, WA 98504
tim.mullin@ECY.WA.GOV

**Subject: 2024 Confirmation Soil Sampling Summary
Former Cumming Oil Lease Site
908 Northwest Kerron Street
Winlock, Washington
VCP Project NO: SW0775
Facility/Site ID: 3151688
Cleanup Site Idea: 2247**

TRC Project Number: 612087.0000

Dear Mr. Mullin:

TRC Environmental Corporation (TRC) prepared this *2024 Confirmation Soil Sampling Report* (Report) on behalf of BNSF Railway Company (BNSF) to document the field activities completed on November 20, 2024. This Report has been prepared as an update on analytical and lithology associated with confirmation soil sampling performed at the Former Cummings Oil Lease Site (Site) located at 908 Northwest Kerron Avenue in Winlock, Washington (Figure 1).

1.0 BACKGROUND

The Site is an industrial property zoned as commercial retail that was formerly used as a bulk fuel storage facility from approximately 1925 through 1976. In 2008, four aboveground and one underground fuel storage tanks (ASTs and USTs, respectively) were removed along with approximately 330 cubic yards of petroleum-impacted soil, overhead fuel racks, the pumphouse, and aboveground piping (Figure 1). No staining was observed under the aboveground piping runs during excavations. All buildings, USTs, ASTs, and associated piping have been removed. The property is an unoccupied gravel lot used for temporary equipment staging. There are no foreseeable land use changes for this property.

BNSF implemented Washington State Department of Ecology (Ecology) recommendations to obtain a No Further Action (NFA) determination (email communication dated September 25, 2019). Recommended activities included quarterly groundwater monitoring for all wells during

the third quarter of 2019 and analyzing samples from MW-3 for diesel-range organics (DRO) and oil-range organics (ORO) using the Northwest Total Petroleum Hydrocarbons as Diesel Extended (NWTPH-Dx) method with and without silica gel cleanup (SGC). TRC's *2019 to 2020 Groundwater Monitoring Summary Report* was submitted to Ecology in June 2020 with a formal request for an NFA determination (BNSF 2020).

The Ecology opinion letter dated March 17, 2021, stated that no further remedial action was necessary for groundwater and the Site would be categorized as "no further action likely." Ecology stated that "Groundwater data suggests that concentrations in soil have also likely degraded, but confirmatory soil sampling is necessary to verify current concentrations of Site hazardous substances at locations of historical residual soil impacts" to achieve an NFA determination (Ecology 2021).

A *Confirmation Soil Sampling Work Plan* (Work Plan) submitted to Ecology on July 29, 2022, was approved by Ecology following discussion on July 28, 2022. The Work Plan included soil sampling to address the locations of presumed historical residual soil impacts identified in the 2021 Ecology opinion letter. The soil sampling activities presented in the Work Plan were completed on September 1, 2022. Analytical results showed benzene and gasoline-range organics (GRO) exceeded the Site-specific cleanup levels at one of the six boring locations. Results were summarized in the *Confirmation Soil Sampling Report* submitted to Ecology on December 7, 2023.

2.0 INVESTIGATION ACTIVITIES

This investigation was completed on November 20, 2024, and served as further confirmation sampling for the previously completed SB-03 from the September 1, 2022 investigation. Three borings were completed surrounding SB-03. The soil boring locations from the 2024 investigation are shown on Figure 1 and outlined below.

- SB-08 : Two samples collected 5 feet northwest of SB-03
- SB-09: Two samples collected 5 feet southwest of SB-03
- SB-10: Two samples collected 3 feet northeast of SB-03

Prior to initiating the on-Site activities, a Site-specific health and safety plan (HASP) was developed as required by the Code of Federal Regulations (CFR) Title 29 1910.120 and by the Washington State Department of Labor and Industries. The HASP was reviewed by on-Site personnel prior to beginning field work. In addition, on November 13, 2024, Washington One Call Service was notified of the anticipated subsurface work to identify publicly owned subsurface utilities. Prior to beginning the subsurface work on November 19, 2024, Ground Penetrating Radar Services LLC (GPRS) conducted utility locating services at each boring location.

2.1 Soil Sampling

On November 20, 2024, three borings were advanced (SB-08, SB-09, and SB-10) using a hand auger to a maximum depth of 6.6 feet (ft) below ground surface (bgs) at the locations shown on Figure 1. Refusal was met in borings SB-08, SB-09, and SB-10 at 6.3 ft bgs, 6.6 ft bgs, and 6 ft bgs, respectively. Soil samples were collected at 3 ft bgs and refusal depths for

SB-08, SB-09, and SB-10 for laboratory analysis. Soil samples were field-screened for potential impacts using visual and olfactory indicators, and a photoionization detector (PID). A portion of soil from each sample interval was placed in a new resealable plastic bag, disaggregated, and allowed to equilibrate. Headspace within the bag was measured for the presence and relative concentration of volatile organic compounds (VOCs) using a PID with a maximum PID reading of 216.3 parts per million (ppm) observed at 3 ft bgs at SB-09 (Attachment 1).

In addition to soil screening, the lithology of soil sample intervals for SB-08, SB-09, and SB-10 was noted. At the 3 ft bgs interval, all soil was observed as stiff, low plasticity, damp, grayish-brown silt with an odor. At 6 to 6.6 ft bgs the soils observed were wet, soft, grayish-brown sandy silt with gravel (Attachment 1).

Soil samples for laboratory analysis were collected in laboratory-supplied containers and placed in a cooler with ice for preservation. Samples were submitted to ALS Environmental Laboratory (ALS) in Everett, Washington, using standard chain-of-custody procedures. All samples were analyzed for Total Petroleum Hydrocarbons (TPH) as GRO by NWTPH-Gx method and benzene by EPA Method 8260D.

Investigation-derived waste (IDW) generated by the drilling process from the November 20, 2024, event was placed in a labeled 55-gallon drum and staged on the east end of the gravel lot on-Site pending profiling.

2.2 Soil Analytical Results

A total of six soil samples were analyzed from the three borings advanced at the Site during the November 20, 2024 investigation. The concentrations of detected compounds were compared to Ecology's Model Toxics Control Act (MTCA) Method A soil cleanup levels for industrial properties (Table 745-1, Washington Administrative Code 173-340). The analytical results for the soil samples are summarized in Table 1. The laboratory report and chain-of-custody documentation are included in Attachment 2 and summarized below:

- TPH-GRO was detected in five of the six analyzed samples at concentrations greater than the MTCA Method A cleanup level of 30 milligrams per kilogram (mg/kg), where benzene is present, at a maximum of 440 mg/kg in boring SB-10 at 6.0 ft bgs.
- Benzene was detected in one of the analyzed samples greater than the MTCA Method A cleanup level of 0.03 mg/kg at a concentration of 0.057 mg/kg in boring SB-09 at a depth of 3.0 ft bgs.

3.0 REFERENCES

BNSF Railway Company (BNSF). 2020. Request for No Further Action Determination, 908 Northwest Kerron Avenue, Winlock, Washington (VCP ID SW0775). 29 June.

TRC Environmental Corporation (TRC). 2020. *2019-2020 Groundwater Monitoring Summary Report, Former Cummings Oil Lease Site, Winlock, Washington*. 15 June.

TRC Environmental Corporation (TRC). 2022. *Confirmation Soil Sampling Work Plan, BNSF – Former Cummings Oil Lease Site, 908 Northwest Kerron Avenue, Winlock, Washington, VCP Project No: SW0775, Facility/Site ID: 3151688, Cleanup Site ID: 2247*. 29 July.

Washington State Department of Ecology (Ecology). 2019. "SW0775 – BNSF Winlock," Email correspondence. 25 September.

Washington State Department of Ecology (Ecology). 2021. Re: Opinion on a Cleanup at the following Site, Site Name: BNSF Winlock, Site Address: 908 NW Kerron Street, Winlock, Lewis County, WA 98596-9405, Facility/Site ID: 3151688, Cleanup Site ID: 2247, VCP Project ID: SW0775. 17 March.

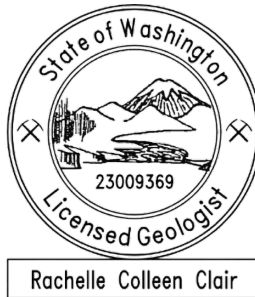
4.0 CLOSING

Thank you for this opportunity to support BNSF. If you have any questions, please contact Ms. Rachelle Clair at (925) 688-2464 or rclair@trccompanies.com.

Sincerely,

Evan Miller

Prepared by:
Evan Miller
Project Engineer



Rachelle Clair

Reviewed and Approved by:
Rachelle Clair, PG
Senior Project Geologist

ENCLOSURES

Tables

Table 1 Confirmation Soil Sampling Analytical Results

Figures

Figure 1 Confirmation Soil Sampling Results

Attachments

Attachment 1 Field Notes – November 20, 2024

Attachment 2 Analytical Laboratory Reports and Chain-of-Custody Documentation

Tables

Table 1
Confirmation Soil Sampling Analytical Results
2024 Confirmation Soil Sampling Summary Letter Report
908 Northwest Kerron Street
Former Cumming Oil Lease Site, Winlock, Washington

Sample ID	Sample Depth (ft bgs)	Sample Date	GRO ^a	Benzene ^b
SB-08-3	3.0	11/20/2024	56	0.014
SB-08-6.3	6.3	11/20/2024	21	<0.0050
SB-09-3	3.0	11/20/2024	52	0.057
SB-09-6.6	6.6	11/20/2024	130	0.023
SB-10-3	3.0	11/20/2024	75	0.023
SB-10-6	6.0	11/20/2024	440	0.0061
MTCA Method A Cleanup Levels^c			30/100^d	0.03

Notes:

All results in milligrams per kilogram (mg/kg).

Bold Bold result exceeds the laboratory reporting limit.

Shaded result exceeds the applicable cleanup level.

< Result is less than the laboratory reporting limit.

-- Sample was not analyzed for this compound.

a Analyzed by NWTPH-Gx.

b Analyzed by EPA Method 8260D.

c Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Industrial Properties Cleanup Levels for Soil, Table 745-1, Washington Administrative Code 173-340.

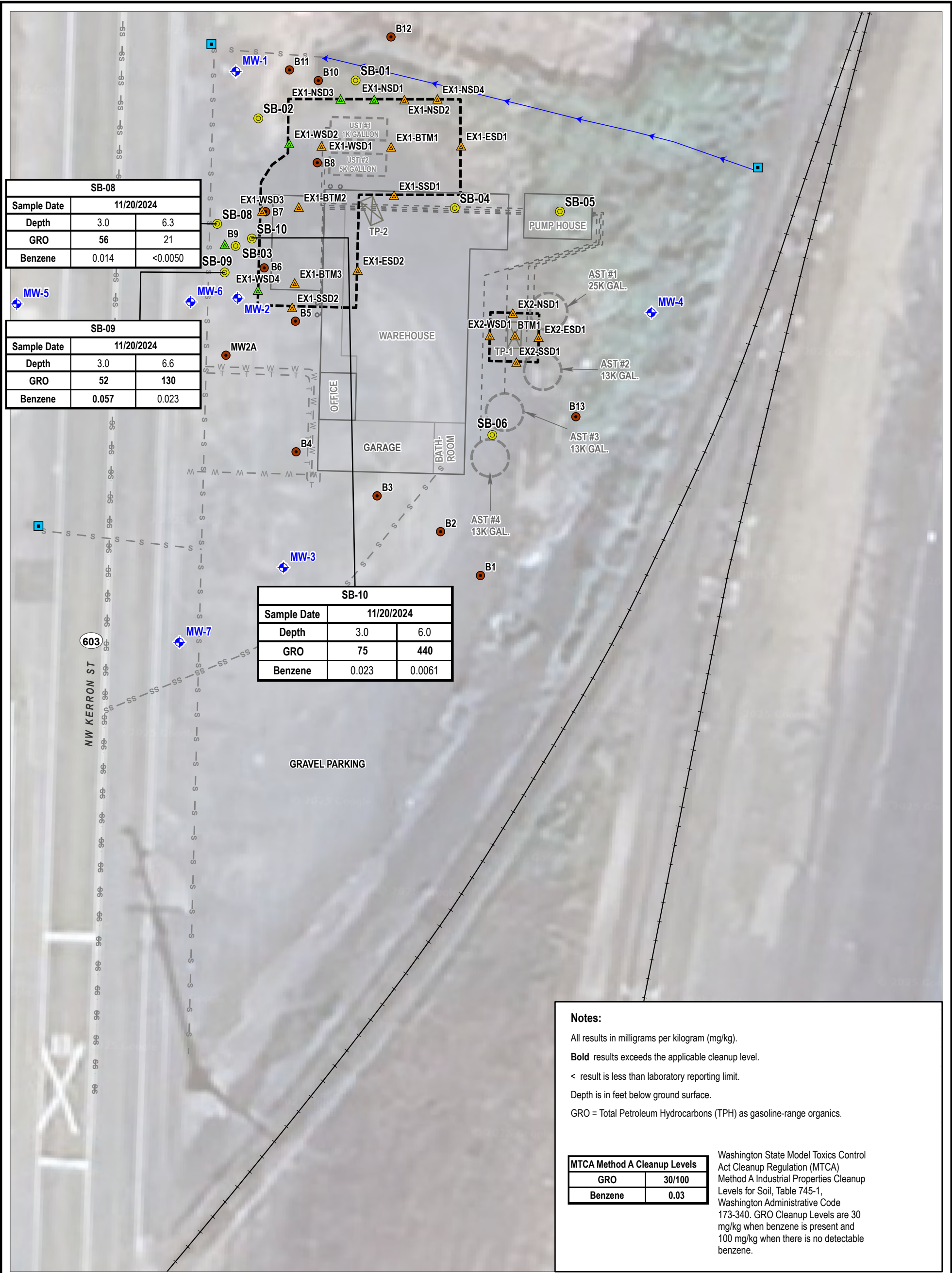
d GRO Cleanup Levels are 30 mg/kg when benzene is present and 100 mg/kg when there is no detectable benzene.

ft bgs Feet below ground surface.

Compounds:

GRO Gasoline-range organics.

Figures



Attachment 1
Field Notes – November 20, 2024

BNSF Winlock — 612087 TAO

908 NW Kerran St, Winlock, WA

Confirmation Soil borings w/ hand auger + air knife

November 20, 2024

M. Taylor, E. Miller, Cascade

Scope: advance 3 borings to 10' bgs (or refusal) w/ hand auger / ^{vac} truck
Field conditions: overcast/windy, 40s

0800 M. Taylor, E. Miller (both TRC) on site

Scott McDonald (BNSF) on site

Josh, Alex (Cascade) on site

0805 Set up traffic control signs, exclusion zone

0820 Health + safety tailgate (see safety documents)

0840 Cascade begins hand augering SB-08 (see site map)

0910 SB-08 reaches 3' bgs. There is an odor + elevated PID reading (see Table 1)

0930 SB-08 hits refusal at 6.3' bgs. The lithology has a lot of cobbles, so moving over likely won't make a big difference. S. McDonald + R. Clair (TRC PM) instruct to move to next location.

0935 Decon hand auger

0940 Begin hand augering/air knifing SB-09

0950 S. McDonald off site

1000 SB-09 reaches 6' bgs

1020 SB-09 hits refusal at 6.5' bgs due to cobbles

1030 Begin hand augering/air knifing SB-10

1041 SB-10 reaches 3' bgs

1100 SB-10 hits refusal at 6' bgs due to cobbles

1110 Cascade decons, cleans up work area. Backfills holes ^{w/} dirt
There is one 55-gallon soil drum (20% full).

It is located on the east boundary of gravel
TRC searches for wells, measures boring locations (see Fig 1)

1130 Cascade off site

1200 TRC off site

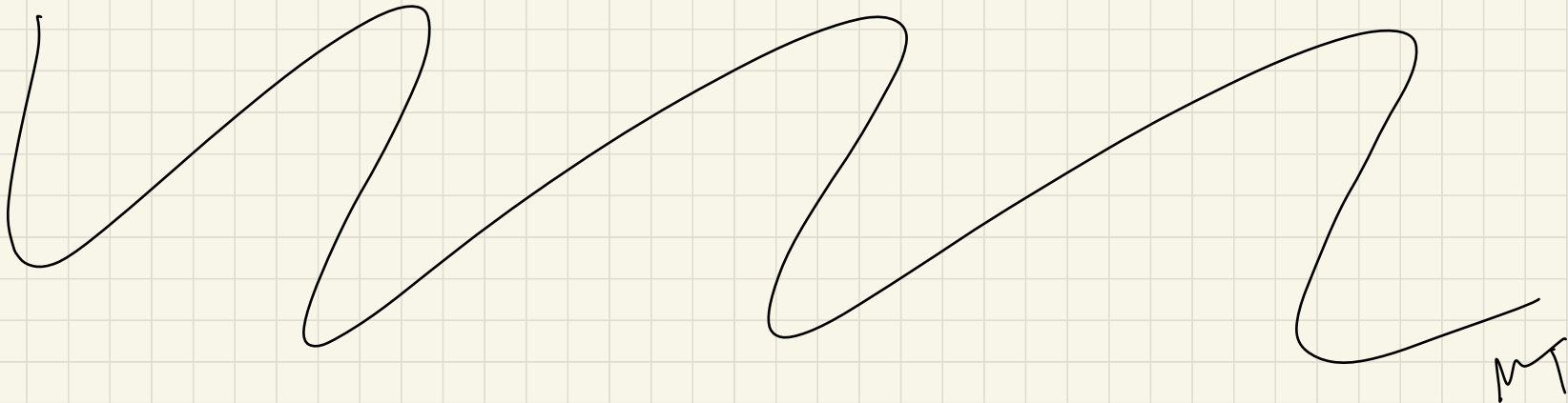


BNSF Winlock — Confirmation Soil Sampling

November 20, 2024

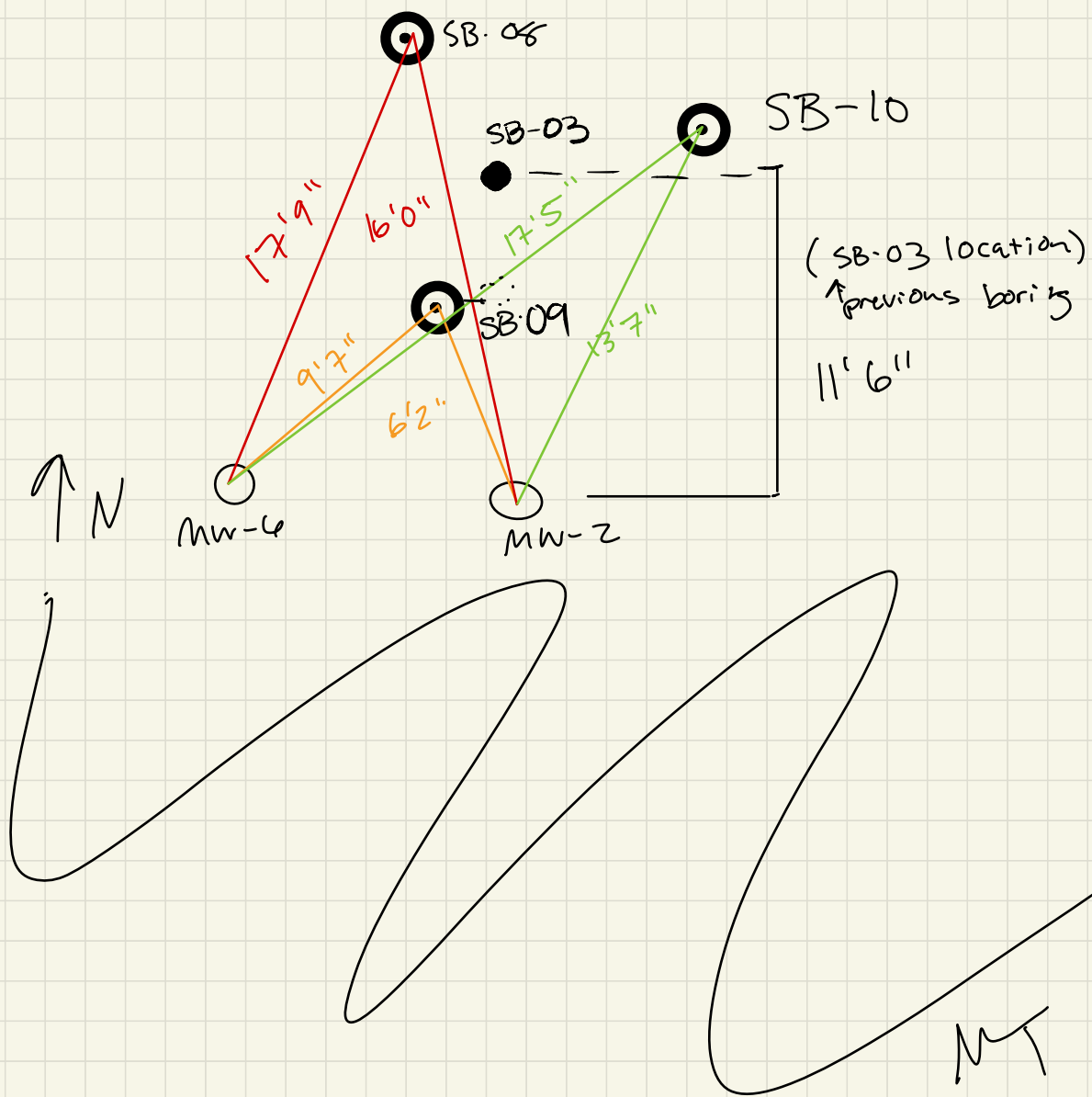
TABLE 1. Sample List, PID measurements, & Soil log

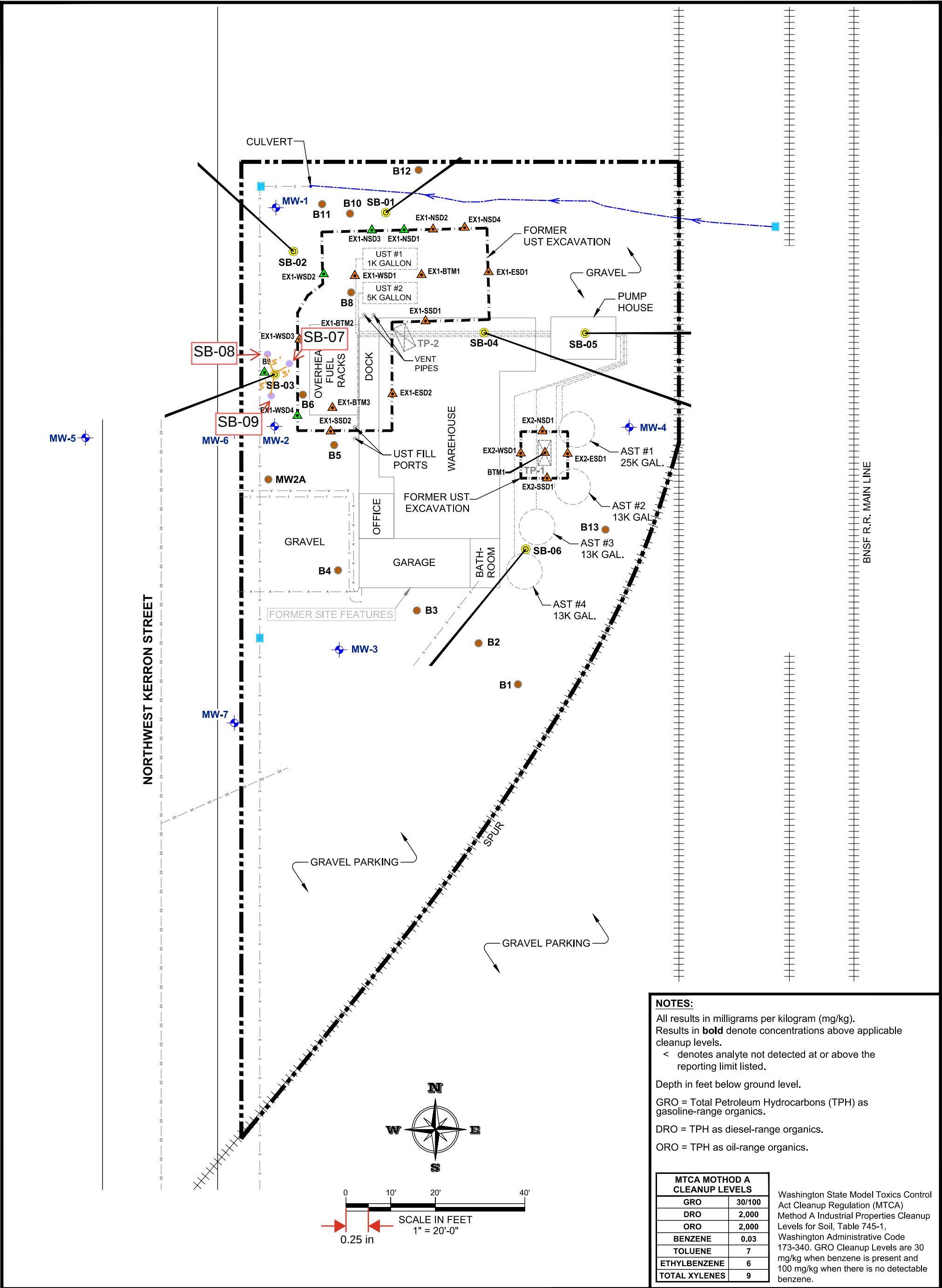
Sample ID	Date/time	PID	Lithology
SB-08-3	Nov 20 0930	175.3	SILT; grayish brown; damp; stiff; low plasticity; Odor
SB-08-6.3	0940	19.9	SANDY SILT w/ GRAVEL; grayish brown; wet; Soft; mostly silt & sand, minor gravel
SB-09-3	1005	216.3	SILT; grayish brown; damp; stiff; low plasticity; Odor
SB-09-6.6	1030	9.5	SANDY SILT w/ GRAVEL; grayish brown; wet; Soft; mostly silt & sand, minor gravel
SB-10-3	1045	86.2	SILT; grayish brown; damp; stiff; low plasticity; Odor
SB-10-6	1105	12.6	SANDY SILT w/ GRAVEL; grayish brown; wet; Soft; mostly silt & sand, minor gravel



MT

FIGURE 1. Soil boring locations





LEGEND

APPROXIMATE SITE BOUNDARY

RAILROAD TRACKS

STORM LINE

SANITARY SEWER

FORMER WATER LINE

FORMER TELEPHONE LINE

FORMER ABOVE GROUND PIPING AT SITE (APPROXIMATE FORMER LOCATION)

DITCH AND DIRECTION OF FLOW

TEST PIT

CATCH BASIN

FORMER UNDERGROUND STORAGE TANK

FORMER ABOVEGROUND STORAGE TANK

AREA OF EXCAVATION

MONITORING WELL (FARALLON 2006)

BORING LOCATION

CONFIRMATION SOIL BORING LOCATION

CONFIRMATION SOIL SAMPLE LOCATION (FARALLON 2008)

SOIL SAMPLE LOCATION WITH HISTORICAL EXCEEDANCE OF CLEANUP LEVELS

CLIENT / PROJECT

FORMER CUMMINGS OIL LEASE SITE
908 Northwest Kerron Street
Winlock, Washington 98596

TITLE

CONFIRMATION SOIL SAMPLING RESULTS

DRAWN BY: O. Fonseca
DWG. DATE: May 2023

REQUEST BY: N. Dorfner
PROJECT-MGR: C. Miller

PROJECT NO.
505850

14701 ST. MARY'S LANE, STE. 500
HOUSTON, TEXAS 77079
PHONE: 281-616-0100
TRCcompanies.com

FIGURE
1

DRAWING By: Oskar Fonseca - FILE NAME: Fig 1 -FormerCummingsOilLease- Confirmation Soil Sampling Results.dwg

Attachment 2
Analytical Laboratory Reports and
Chain-of-Custody Documentation



December 2, 2024

Ms. Rachelle Clair
TRC Companies
13810 SE Eastgate Way, Suite 440
Issaquah, WA 98005

Dear Ms. Clair,

On November 21st, 6 samples were received by our laboratory and assigned our laboratory project number EV24110143. The project was identified as your BNSF Winlock 612087. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Carl Nott
Laboratory Director

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 13810 SE Eastgate Way, Suite 440 Issaquah, WA 98005	DATE:	12/2/2024
		ALS JOB#:	EV24110143
		ALS SAMPLE#:	EV24110143-01
CLIENT CONTACT:	Rachelle Clair	DATE RECEIVED:	11/21/2024
CLIENT PROJECT:	BNSF Winlock 612087	COLLECTION DATE:	11/20/2024 9:30:00 AM
CLIENT SAMPLE ID	SB-08-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	56	3.0	1	MG/KG	11/26/2024	MNC
Benzene	EPA-8260	0.014	0.0050	1	MG/KG	11/21/2024	DLC

SURROGATE	METHOD	%REC				ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	84.5				11/26/2024	MNC
Toluene-d8	EPA-8260	86.4				11/21/2024	DLC

Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

Soil results reported on a dry-weight basis.

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 13810 SE Eastgate Way, Suite 440 Issaquah, WA 98005	DATE:	12/2/2024
		ALS JOB#:	EV24110143
		ALS SAMPLE#:	EV24110143-02
CLIENT CONTACT:	Rachelle Clair	DATE RECEIVED:	11/21/2024
CLIENT PROJECT:	BNSF Winlock 612087	COLLECTION DATE:	11/20/2024 9:40:00 AM
CLIENT SAMPLE ID	SB-08-6.3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	21	3.0	1	MG/KG	11/26/2024	MNC
Benzene	EPA-8260	U	0.0050	1	MG/KG	11/21/2024	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	81.3	11/26/2024	MNC
Toluene-d8	EPA-8260	81.0	11/21/2024	DLC

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

Soil results reported on a dry-weight basis.

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 13810 SE Eastgate Way, Suite 440 Issaquah, WA 98005	DATE:	12/2/2024
		ALS JOB#:	EV24110143
CLIENT CONTACT:	Rachelle Clair	ALS SAMPLE#:	EV24110143-03
CLIENT PROJECT:	BNSF Winlock 612087	DATE RECEIVED:	11/21/2024
CLIENT SAMPLE ID	SB-09-3	COLLECTION DATE:	11/20/2024 10:05:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	52	3.0	1	MG/KG	11/26/2024	MNC
Benzene	EPA-8260	0.057	0.0050	1	MG/KG	11/21/2024	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	83.1	11/26/2024	MNC
Toluene-d8	EPA-8260	88.2	11/21/2024	DLC

Chromatogram indicates that it is likely that sample contains highly weathered gasoline.
Gasoline range product results biased high due to semivolatile range product overlap.

Soil results reported on a dry-weight basis.

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 13810 SE Eastgate Way, Suite 440 Issaquah, WA 98005	DATE:	12/2/2024
		ALS JOB#:	EV24110143
CLIENT CONTACT:	Rachelle Clair	ALS SAMPLE#:	EV24110143-04
CLIENT PROJECT:	BNSF Winlock 612087	DATE RECEIVED:	11/21/2024
CLIENT SAMPLE ID	SB-09-6.6	COLLECTION DATE:	11/20/2024 10:30:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	130	3.0	1	MG/KG	11/26/2024	MNC
Benzene	EPA-8260	0.023	0.0050	1	MG/KG	11/21/2024	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	98.6	11/26/2024	MNC
Toluene-d8	EPA-8260	102	11/21/2024	DLC

Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

Soil results reported on a dry-weight basis.

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 13810 SE Eastgate Way, Suite 440 Issaquah, WA 98005	DATE:	12/2/2024
		ALS JOB#:	EV24110143
		ALS SAMPLE#:	EV24110143-05
CLIENT CONTACT:	Rachelle Clair	DATE RECEIVED:	11/21/2024
CLIENT PROJECT:	BNSF Winlock 612087	COLLECTION DATE:	11/20/2024 10:45:00 AM
CLIENT SAMPLE ID	SB-10-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	75	3.0	1	MG/KG	11/26/2024	MNC
Benzene	EPA-8260	0.023	0.0050	1	MG/KG	11/21/2024	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	90.2	11/26/2024	MNC
Toluene-d8	EPA-8260	82.3	11/21/2024	DLC

Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

Soil results reported on a dry-weight basis.

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 13810 SE Eastgate Way, Suite 440 Issaquah, WA 98005	DATE:	12/2/2024
		ALS JOB#:	EV24110143
CLIENT CONTACT:	Rachelle Clair	ALS SAMPLE#:	EV24110143-06
CLIENT PROJECT:	BNSF Winlock 612087	DATE RECEIVED:	11/21/2024
CLIENT SAMPLE ID	SB-10-6	COLLECTION DATE:	11/20/2024 11:05:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	440	30	10	MG/KG	11/26/2024	MNC
Benzene	EPA-8260	0.0061	0.0050	1	MG/KG	11/21/2024	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	140	11/26/2024	MNC
Toluene-d8	EPA-8260	106	11/21/2024	DLC

Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

Soil results reported on a dry-weight basis.

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 13810 SE Eastgate Way, Suite 440 Issaquah, WA 98005	DATE:	12/2/2024
		ALS SDG#:	EV24110143
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Rachelle Clair		
CLIENT PROJECT:	BNSF Winlock 612087		

LABORATORY BLANK RESULTS
MBG-112524S - Batch 221163 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	11/26/2024	MNC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-112124S2 - Batch 221281 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8260	U	MG/KG	0.0050	11/21/2024	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

CERTIFICATE OF ANALYSIS

CLIENT:	TRC Companies 13810 SE Eastgate Way, Suite 440 Issaquah, WA 98005	DATE:	12/2/2024
CLIENT CONTACT:	Rachelle Clair	ALS SDG#:	EV24110143
CLIENT PROJECT:	BNSF Winlock 612087	WDOE ACCREDITATION:	C601

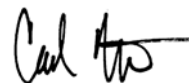
LABORATORY CONTROL SAMPLE RESULTS
ALS Test Batch ID: 221163 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
TPH-Volatile Range - BS	NWTPH-GX	96.0			66.5	122.7	11/26/2024	MNC
TPH-Volatile Range - BSD	NWTPH-GX	96.4	0		66.5	122.7	11/26/2024	MNC

ALS Test Batch ID: 221281 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Benzene - BS	EPA-8260	110			75	138	11/21/2024	DLC
Benzene - BSD	EPA-8260	102	7		75	138	11/21/2024	DLC

APPROVED BY



Carl Nott
Laboratory Director



ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

EV24110143

Date 11/20/24 Page 1 of 1

PROJECT ID: <u>BASF Winlock 612087</u>					ANALYSIS REQUESTED										OTHER (Specify)																		
REPORT TO COMPANY: <u>TRC</u>																																	
PROJECT MANAGER: <u>Rachelle Clair</u>																																	
ADDRESS: <u>13810 4th Eastgate Way, Suite 440</u>																																	
<u>Bellevue, WA</u>																																	
PHONE: <u>425-395-0010</u> P.O. #: <u>223602</u>																																	
E-MAIL: <u>rcclair@trccompanies.com, cc: cmore</u>																																	
INVOICE TO COMPANY:																																	
ATTENTION:																																	
ADDRESS:																																	
SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify)	TCLP-Metals ☐	VOA ☐	Semi-Vol ☐	Pest ☐	Herbs ☐	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?		
1. SB-08-3	11/20/24	0930	soil	1																													
2. SB-08-6.3		0946		2																													
3. SB-09-3		1005		3																													
4. SB-09-6.6		1030		4																													
5. SB-10-3		1045		5																													
6. SB-10-6		1105		6																													
7.																																	
8.																																	
9.																																	
10.																																	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time)

1. Relinquished By: EVAN MILLER, TRC, 11/20/24

Received By: Shirley Miller, ALS 11/21/24 0837

2. Relinquished By: _____

Received By: _____

TURNAROUND REQUESTED IN BUSINESS DAYS*

Organic, Metals & Inorganic Analysis

☒ Standard ☐ 5 ☐ 3 ☐ 2 ☐ 1 ☐ SAME DAY

Fuels & Hydrocarbon Analysis

☐ Standard ☐ 5 ☐ 3 ☐ 1 ☐ SAME DAY

OTHER:

Specify: _____

*Turnaround request less than standard may incur Rush Charges

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES



SAMPLE RECEIVING CHECKLIST

Client: TRC

ALS Job #: EV24110143

Project: BNSF Winlock 612087

Login Date: 11-21-24

Login Time: 0837

Login By: KW

Type of Shipping Container:

☒ Cooler

☐ Box

☐ Other: _____

Shipped Via:

☐ FedEx Ground

☐ FedEx Express

☐ UPS

☐ External Courier

☒ ALS Courier

☐ Hand Delivered

	Yes	No	N/A
Were custody seals on the outside of the shipping container?	☐	☐	☒
How Many? _____ Where? _____ Date: _____ Name: _____			
Was CoC filled out properly? (in ink, signed, dated, etc.)	☒	☐	☐
Did all bottles have labels?	☒	☐	☐
Did all bottle labels and tags agree with CoC?	☒	☐	☐
Were samples received within hold time?	☒	☐	☐
Did all bottles arrive in good condition?	☒	☐	☐
Was sufficient amount of sample sent for tests requested?	☒	☐	☐
Was correct preservation added to samples?	☒	☐	☐
Subcontract test containers added to subcontract bin?	☐	☐	☒
Wetchem test containers marked with applicable tests?	☐	☐	☒
Short hold time test containers delivered to analysts?	☐	☐	☒
VOA vials checked for bubbles?	☐	☐	☒
Bubbles in sample number(s): _____			
5035A kits received?	☐	☐	☒
Low kits: <u>Co</u> High kits: _____			
5035A kits returned?	☐	☐	☒

Low kits: _____ High kits: _____

Temperature upon receipt: 6-1 °C

On ice? ☒ Y ☐ N

Thermometer ID: 1809

Other discrepancies:

Was client contacted? _____ Who was called? _____ By whom? _____ Date: _____
Outcome of call:

ALS Environmental – Everett

8620 Holly Dr. STE 100

Everett, WA 98012

(425) 356 - 2600

Document ID: EVT-PM-RCPT

Version 1.1