

Memorandum

To: Ron Woolworth, W&W Everett Investments, LLC

Copies: Scott Miller, SLR Consulting, and Eric Rapp, Jeld-Wen Inc.

From: Allison Geiselbrecht and Kristin Anderson, Floyd | Snider

Date: November 21, 2024

Project ID: WW-Everett

Re: Work Plan for Remediation of Stormwater Facilities and Components

This memorandum describes procedures (Work Plan) for the removal of accumulated solids (Remediation) in the stormwater system facilities and components on selected parcels of the Jeld-Wen/Former Nord Door Site, Cleanup Site ID no. 4402, Facility Site ID (Site) as described in the August 2023 Final Cleanup Action Plan (CAP) issued by the Washington State Department of Ecology (Ecology) for the Site. The Work Plan relates to that portion of the Site that includes Snohomish County tax parcel 29050700101200 and a portion of tax parcel 29050700100400.

RESPONSIBILITIES

W&W Everett Investments, LLC (W&W) is the current owner of the upland property comprising the Site and has agreed to assist with preparation of this Work Plan for Remediation of existing stormwater system infrastructure on the Site parcels subject to the CAP.

Floyd|Snider, Inc. (Floyd|Snider) serves as the technical consultant to W&W for matters related to environmental cleanup. Floyd|Snider is responsible for developing the Work Plan, directing the selected Contractor to complete the work described herein, and maintaining documentation of the work performed, consistent with the CAP.

Jeld-Wen, Inc. (Jeld-Wen) is the performing party for Site cleanup under the Model Toxics Control Act. In 2008, Ecology entered into Agreed Order (AO) No. DE 5095 (Ecology 2008) with Jeld-Wen for Site cleanup.

SLR Consulting (SLR) serves as the technical consultant for Jeld-Wen for matters related to environmental cleanup of the uplands portion of the Site. SLR may perform oversight of the Remediation on behalf of Jeld-Wen. SLR previously performed an assessment of the stormwater system conditions at the Site in 2018.



Northern Environmental (Northern) is the qualified environmental Contractor selected for implementing the Work Plan. Northern will supply equipment and field staff, perform the Remediation activities, and coordinate off-site disposal of waste media generated by Remediation.

Serene Acres LLC is a potential purchaser of property that includes the portion of the Site subject to the Remediation (the Work Area) and will observe the Remediation work to verify completion of the Remediation and/or to inform future work or use on the subject Site parcels.

DESCRIPTION OF WORK

Ecology issued the CAP for remediation of Site soil, groundwater and sediments under the AO in August 2023 (Ecology 2023). Section 3.2.2 of the CAP includes a requirement for cleanup to "remove and dispose accumulated sediment and/or debris from stormwater systems including but not limited to stormwater pipes, catch basins, vaults and manholes prior to marine sediment cleanup action."

The Work Area for stormwater system Remediation, annotated on the Stormwater System Tracing Observations map previously developed by SLR, is shown on Figure 1.

The stormwater system components subject to Remediation include the following:

- Catch basins CB-31 and CB-32, and all connecting conveyance pipe within the Work Area up to the boundary of the existing Main Manufacturing Building. During a preparatory site walk completed by W&W, Floyd | Snider, SLR and Northern on June 26, 2024, an unknown catch basin (possible CB-33) was identified to the west of CB-32 as noted on Figure 1. The unknown catch basin will also be investigated and remediated.
- Catch basin CB-34 and all connecting conveyance pipe to its terminus at outfall OF-7
- Outfall OF-8 and all accessible convenance piping running toward the uplands from the outfall (no catch basin structure was found associated with this outfall during the 2018 survey)
- Catch basins CB-36, CB-37, CB-38, CB-39, CB-40 and CB-41, and all connecting conveyance pipe to its terminus at outfall OF-9
- Catch basin CB-35 and all connecting convenance pipe to its terminus at outfall OF-10

REMEDIATION PROCEDURES

Remediation will be performed by jetting with pressurized clean water (such as tap water or hydrant water) to mobilize solids within the catch basin structures and using a vactor truck to remove the solids. Once the catch basin solids have been removed, pressurized water will be jetted through the connecting pipes, working sequentially between the catch basin locations to capture all solids and water. The ends of the outfall pipes will be plugged with temporary

mechanical plugs before performing any cleanout work below the high tide elevation at the Site. All accessible pipes will be jetted to remove solids; however, if a pipe is found to be broken and nonfunctional (i.e., no longer conveying water), the pipe will be jetted from both the upstream and downstream ends of the break. After cleanout, the downstream end of any broken pipes determined to be nonfunctional will be plugged with mechanical plugs to prevent further infiltration of soil and groundwater into the system. The procedure will be repeated sequentially until all conveyance pipelines and structures within the Work Area have been remediated. Following the completion of Remediation, the condition of all accessible pipes will be documented by a camera survey.

The use of pressurized water ensures that all potentially mobile solids are dislodged from the pipes and removed by vactoring. It is expected that some lines will be in fair or poor condition, and solids may be trapped within perforations or breaches in the pipe. However, the force and velocity generated by regular stormwater flowing through these system components are considerably less than the force and velocity of the jetted pressurized water that is used for remediation, and any material that is not recoverable by jetting and vactoring is considered inert and unlikely to be transported by stormwater.

Northern will collect all wastewater and solids generated by remediation for disposal at an appropriate licensed facility under an approved profile. Based on laboratory analytical results for the June 2024 stormwater system solids composite sample collected by Northern Environmental during the site walk, the waste generated by Remediation would be considered non-hazardous and appropriate for disposal at a Resource Conservation and Recovery Act (RCRA) Subtitle D or equivalent licensed landfill facility. The mixture of water and solids will be transported by Northern Environmental in their vactor trucks to PRS Group of Tacoma, Washington, (PRS) for stabilization (Attachment 1). PRS will deliver the stabilized waste to Land Recovery Inc. of Puyallup, Washington, for disposal under authority of their solid waste permit issued by Pierce County Health Department. Final disposal documents will be signed by PRS and a copy will be provided to W&W to document final disposal of wastes generated by Remediation.

REPORTING

Floyd|Snider, on behalf of W&W, will prepare summary documentation of the Remediation work completed under the Work Plan. Northern will additionally provide documentation of landfill disposal under the approved profile to W&W.

W&W will provide the above materials to Jeld Wen to transmit to Ecology (the Work Plan Completion Filing), for the purposes of ensuring that the record of the work is included in the administrative record for the Site.

REFERENCES

Washington State Department of Ecology (Ecology). 2008. Agreed Order for Remedial Investigation/Feasibility Study and Draft Cleanup Action Plan – Jeld-Wen. No. DE 5095. 2 January.

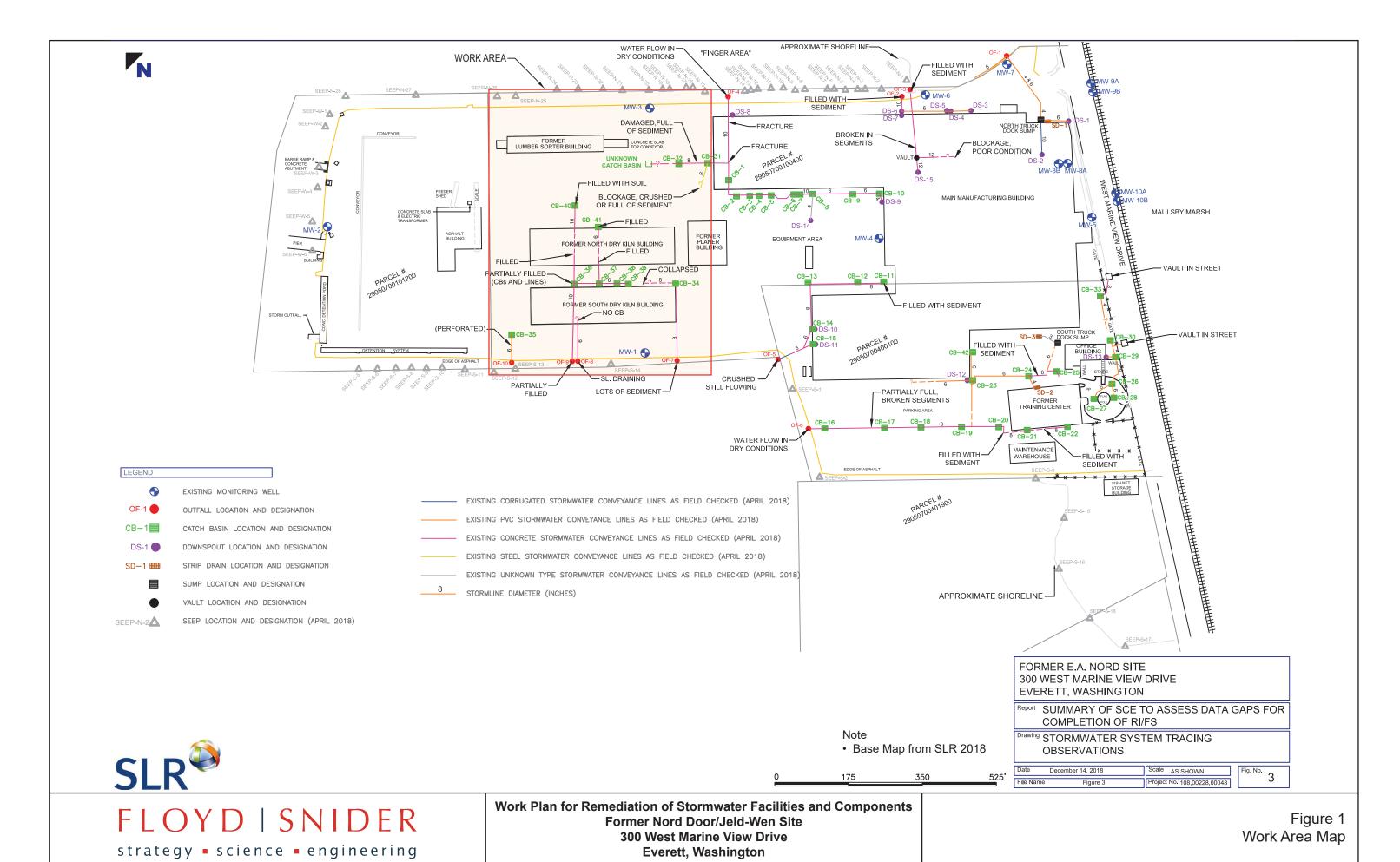
_____. 2023. Exhibit F: Final Cleanup Action Plan, Jeld Wen Site. Prepared by Toxics Cleanup Program, HQ Cleanup Section. August.

LIST OF ATTACHMENTS

Figure 1 Work Area Map

Attachment 1 Disposal Profile for Stormwater System Waste Materials

Figure



Attachment 1 Disposal Profile for Stormwater System Waste Materials



3322 South Bay Road NE • Olympia, WA 98506-2957 Phone (360) 352-2110 • libbyenv@gmail.com

July 08, 2024

Marie Holt Northern Environmental, LLC 7517 Portland Ave E, Suite B Tacoma, WA 98407

RE: Floyd Snyder-former Nord door site

Work Order Number: L24F078

Enclosed are the results of analyses for samples received by our laboratory on 6/27/2024.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt Senior Chemist



Billing: 2661 N Pearl Street #145, Tacoma WA 98407

PROJECT SPECIAL INSTRUCTIONS/COMMENTS: Metals need 6000 or 7000 series in mg/ units

WASTE - CHAIN of CUSTODY

Retain = Y

Phone - (253) 503-3096 Due Date Requested Standard YN Page: of Requested Return Samples: Copper and Zinc onl CLIENT: Northern Environmental PRESERVATION & CONTAINER CODES: S Floyd Snider-former Nord door site CONTAINER and/or PRESERVATION TYPES: PROJECT: - mg/L SPECIFY NaOH LOCATION: 300 W Marine View, Everett C = Zn Acetate TOTAL METALS RCRA 8 + Cu, Ni, D = Nitric Acid 8260 CHLOR SOLVENTS SCAN W.O./JOB # 77930 Petroleum Hyd (Diesel fraction) SOLIDS (6000 or 7000 series & mg/) Marie Holt TOX (saltwater removed) CONTACT: CONTAINERS TOTAL METALS - 200.8 H2SO4 **Dennis Miller** SAMPLER: Other (Specify) % / SQITOS % PHONE: 253-503-3096 PAH's - low levels 8260 VOC + MEK TOTAL METALS VISUAL SOLIDS FISH BIOASSAY 1 Liter POINT 8082/608 PCB NWTPH-HCID EMAIL TO: marie@northernenv.com & Dennis@northernenv.com GI = Glass 5050/9056 Po = Poly PO# 77930 MH NUMBER LAB: Libby TOTAL : FLASH NOTES: ō DATE TIME TOC Sample Instructions SAMPLE ID MATRIX SAMPLED SAMPLED or Comments: Storm Drain Waste 6/26/24 3 10:00 Soil 3 - 40z jars COMPANY SIGNATURE PRINTED NAME DATE TIME RELINQUISHED BY Marie Holt Northern Env 06/27/24 10:40 RECEIVED BY 1525 Kory Dixon Libbu 6-27-24 RELINQUISHED BY RECEIVED BY **RELINQUISHED BY** RECEIVED BY



Northern Environmental, LLC 7517 Portland Ave E, Suite B Tacoma, WA 98407 **Project:** Floyd Snyder-former Nord door site

Project Number: 77930 **Project Manager:** Marie Holt

City/State: Everett, WA
Work Order: L24F078
Reported: 07/08/2024 12:13

Notes and Definitions

<u>Item</u>	Definition
R	High Relative Percent Difference observed.
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
S4	Outlying surrogate recovery(ies) observed.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L24F078-01	Storm Drain Waste	Soil	06/26/2024	06/27/2024



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Libby Environmental Sample Detection Summary

Sample: Storm Drain Waste 0.033 n Fluoranthene 0.057 n Pyrene 0.057 n Benz(a)anthracene 0.033 n Chrysene 0.059 n	Units	RL	Method
Fluoranthene 0.033 r Pyrene 0.057 r Benz(a)anthracene 0.033 r Chrysene 0.059 r			
Pyrene 0.057 n Benz(a)anthracene 0.033 n Chrysene 0.059 n	Lab#: L24F078-01		
Benz(a)anthracene 0.033 r Chrysene 0.059 r	mg/kg dry	0.026	8270E
Chrysene 0.059 n	mg/kg dry	0.026	8270E
·	mg/kg dry	0.026	8270E
	mg/kg dry	0.026	8270E
Benzo(b)fluoranthene 0.041 r	mg/kg dry	0.026	8270E
Benzo(a)pyrene 0.031 r	mg/kg dry	0.026	8270E
Indeno(1,2,3-cd)pyrene 0.033 n	mg/kg dry	0.026	8270E
Benzo(g,h,i)perylene 0.064 r	mg/kg dry	0.026	8270E
1,2-Dibromoethane (EDB) 0.070 r	mg/kg dry	0.039	8260D

Note: If no entry is made, then no target compounds were detected.



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Sample Results

Client Sample ID: Storm Drain Waste

Lab ID: L24F078-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by E					, 200	
Dichlorodifluoromethane	ND		0.95	mg/kg dry	06/28/2024	PB
Chloromethane	ND		0.95	mg/kg dry	06/28/2024	PB
Vinyl Chloride (SIM)	ND		0.32	mg/kg dry	06/28/2024	PB
Bromomethane	ND		1.4	mg/kg dry	06/28/2024	PB
Chloroethane	ND		0.95	mg/kg dry	06/28/2024	PB
Trichlorofluoromethane	ND		0.79	mg/kg dry	06/28/2024	PB
1,1-Dichloroethene	ND		0.79	mg/kg dry	06/28/2024	PB
Methylene chloride	ND		0.32	mg/kg dry	06/28/2024	PB
Methyl tert-Butyl Ether (MTBE)	ND		0.79	mg/kg dry	06/28/2024	PB
trans-1,2-Dichloroethene	ND		0.47	mg/kg dry	06/28/2024	PB
1,1-Dichloroethane	ND		0.47	mg/kg dry	06/28/2024	PB
2,2-Dichloropropane	ND		0.79	mg/kg dry	06/28/2024	PB
cis-1,2-Dichloroethene	ND		0.47	mg/kg dry	06/28/2024	РВ
Chloroform	ND		0.47	mg/kg dry	06/28/2024	PB
1,1,1-Trichloroethane (TCA)	ND		0.47	mg/kg dry	06/28/2024	РВ
Carbon tetrachloride	ND		0.47	mg/kg dry	06/28/2024	РВ
1,1-Dichloropropene	ND		0.47	mg/kg dry	06/28/2024	РВ
Benzene	ND		0.32	mg/kg dry	06/28/2024	PB
MEK	ND		3.9	mg/kg dry	06/28/2024	PB
1,2-Dichloroethane (EDC)	ND		0.47	mg/kg dry	06/28/2024	РВ
Trichloroethene (SIM)	ND		0.32	mg/kg dry	06/28/2024	PB
1,2-Dichloropropane	ND		0.47	mg/kg dry	06/28/2024	PB
Dibromomethane	ND		0.63	mg/kg dry	06/28/2024	PB
Bromodichloromethane	ND		0.47	mg/kg dry	06/28/2024	PB
cis-1,3-Dichloropropene	ND		0.47	mg/kg dry	06/28/2024	PB
Toluene	ND		1.6	mg/kg dry	06/28/2024	PB
Trans-1,3-Dichloropropene	ND		0.47	mg/kg dry	06/28/2024	PB
1,1,2-Trichloroethane	ND		0.47	mg/kg dry	06/28/2024	PB
Tetrachloroethene (SIM)	ND		0.32	mg/kg dry	06/28/2024	PB
1,3-Dichloropropane	ND		0.79	mg/kg dry	06/28/2024	PB
Dibromochloromethane	ND		0.47	mg/kg dry	06/28/2024	PB
1,2-Dibromoethane (EDB) (SIM)	0.070		0.039	mg/kg dry	06/28/2024	PB
Chlorobenzene	ND		0.47	mg/kg dry	06/28/2024	PB
Ethylbenzene	ND		0.79	mg/kg dry	06/28/2024	PB
1,1,1,2-Tetrachloroethane	ND		0.79	mg/kg dry	06/28/2024	PB



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Sample Results (Continued)

Client Sample ID: Storm Drain Waste

Lab ID: L24F078-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EF					7.11.4.7.E.U	
Total Xylenes	ND	(00110	2.4	mg/kg dry	06/28/2024	РВ
Styrene	ND		0.47	mg/kg dry	06/28/2024	PB
Bromoform	ND		2.4	mg/kg dry	06/28/2024	PB
Isopropylbenzene	ND		0.79	mg/kg dry	06/28/2024	PB
1,1,2,2-Tetrachloroethane	ND		2.4	mg/kg dry	06/28/2024	PB
Bromobenzene	ND		0.63	mg/kg dry	06/28/2024	PB
n-Propylbenzene	ND		0.63	mg/kg dry	06/28/2024	PB
1,2,3-Trichloropropane	ND		0.87	mg/kg dry	06/28/2024	PB
2-Chlorotoluene	ND		0.63	mg/kg dry	06/28/2024	PB
1,3,5-Trimethylbenzene	ND		0.63	mg/kg dry	06/28/2024	PB
4-Chlorotoluene	ND		0.63	mg/kg dry	06/28/2024	PB
tert-Butylbenzene	ND		0.63	mg/kg dry	06/28/2024	PB
1,2,4-Trimethylbenzene	ND		0.63	mg/kg dry	06/28/2024	PB
sec-Butylbenzene	ND		0.63	mg/kg dry	06/28/2024	PB
p-Isopropyltoluene	ND		0.63	mg/kg dry	06/28/2024	PB
1,3-Dichlorobenzene	ND		0.63	mg/kg dry	06/28/2024	PB
1,4-Dichlorobenzene	ND		0.63	mg/kg dry	06/28/2024	PB
n-Butylbenzene	ND		0.63	mg/kg dry	06/28/2024	РВ
1,2-Dichlorobenzene	ND		0.63	mg/kg dry	06/28/2024	РВ
1,2-Dibromo-3-Chloropropane	ND		2.4	mg/kg dry	06/28/2024	РВ
1,2,4-Trichlorobenzene	ND		2.4	mg/kg dry	06/28/2024	РВ
Naphthalene	ND		1.6	mg/kg dry	06/28/2024	РВ
1,2,3-Trichlorobenzene	ND		2.4	mg/kg dry	06/28/2024	РВ
Surrogate: Dibromofluoromethane	169%		49.6-175		06/28/2024	PB
Surrogate: 1,2-Dichloroethane-d4	142%		31.7-194		06/28/2024	PB
Surrogate: Toluene-d8	113%		<i>52.9-135</i>		06/28/2024	РВ
Surrogate: 4-Bromofluorobenzene	90.9%		50.8-121		06/28/2024	PB
Semivolatile Organic Compounds	by EPA Method	8270E				
Naphthalene (SIM)	ND		0.026	mg/kg dry	07/01/2024	KLI
2-Methylnaphthalene (SIM)	ND		0.026	mg/kg dry	07/01/2024	KLI
1-Methylnaphthalene (SIM)	ND		0.026	mg/kg dry	07/01/2024	KLI
Acenaphthylene (SIM)	ND		0.026	mg/kg dry	07/01/2024	KLI
Acenaphthene (SIM)	ND		0.026	mg/kg dry	07/01/2024	KLI
Fluorene (SIM)	ND		0.026	mg/kg dry	07/01/2024	KLI
Phenanthrene (SIM)	ND		0.026	mg/kg dry	07/01/2024	KLI



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Sample Results (Continued)

Client Sample ID: Storm Drain Waste

Lab ID: L24F078-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Semivolatile Organic Compounds					And y Lou	1
Anthracene (SIM)	ND		0.026	mg/kg dry	07/01/2024	KLI
Fluoranthene (SIM)	0.033		0.026	mg/kg dry	07/01/2024	KLI
Pyrene (SIM)	0.057		0.026	mg/kg dry	07/01/2024	KLI
Benz(a)anthracene (SIM)	0.033		0.026	mg/kg dry	07/01/2024	KLI
Chrysene (SIM)	0.059		0.026	mg/kg dry	07/01/2024	KLI
Benzo(b)fluoranthene (SIM)	0.041		0.026	mg/kg dry	07/01/2024	KLI
Benzo(k)fluoranethene (SIM)	ND		0.026	mg/kg dry	07/01/2024	KLI
Benzo(a)pyrene (SIM)	0.031		0.026	mg/kg dry	07/01/2024	KLI
Indeno(1,2,3-cd)pyrene (SIM)	0.033		0.026	mg/kg dry	07/01/2024	KLI
Dibenz(a,h)anthracene (SIM)	ND		0.026	mg/kg dry	07/01/2024	KLI
Benzo(g,h,i)perylene (SIM)	0.064		0.026	mg/kg dry	07/01/2024	KLI
Surrogate: 2-FBP (SIM)	98.0%		<i>50-153</i>		07/01/2024	KLI
Surrogate: p-Terphenyl-d14 (SIM)	110%		<i>52-141</i>		07/01/2024	KLI
PCB (Polychlorinated Biphenyls) b	y EPA Method	8082				
Aroclor 1016	ND		0.13	mg/kg dry	06/28/2024	РВ
Aroclor 1221	ND		0.13	mg/kg dry	06/28/2024	РВ
Aroclor 1232	ND		0.13	mg/kg dry	06/28/2024	РВ
Aroclor 1242	ND		0.13	mg/kg dry	06/28/2024	РВ
Aroclor 1248	ND		0.13	mg/kg dry	06/28/2024	РВ
Aroclor 1254	ND		0.13	mg/kg dry	06/28/2024	PB
Aroclor 1260	ND		0.13	mg/kg dry	06/28/2024	PB
Surrogate: TCMX	83.3%		<i>57.8-123</i>		06/28/2024	PB
Surrogate: DCBP	96.9%		<i>57.2-128</i>		06/28/2024	PB
Moisture by ASTM D2216-19						
Moisture	22		0.50	%	06/28/2024	LB



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Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BYF0146 - VOA										
Blank (BYF0146-BLK1)					Prenar	ed & Analyzed	1: 6/28/2024			
Dichlorodifluoromethane	ND		0.060	ma/ka wat	Пери	ca a / maryzec	0,20,202 .			
			0.060	mg/kg wet						
Chloromethane	ND			mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Bromomethane	ND		0.090	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
Trichlorofluoromethane	ND		0.050	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
Methylene chloride	ND		0.020	mg/kg wet						
Methyl tert-Butyl Ether (MTBE)	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
Benzene	ND		0.020	mg/kg wet						
MEK	ND		0.25	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
Dibromomethane	ND		0.040	mg/kg wet						
Bromodichloromethane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Toluene	ND		0.10	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
1,3-Dichloropropane	ND		0.050	mg/kg wet						
Dibromochloromethane	ND		0.030	mg/kg wet						
1,2-Dibromoethane (EDB) (SIM)	ND		0.0025	mg/kg wet						
Chlorobenzene	ND		0.030	mg/kg wet						
Ethylbenzene	ND		0.050	mg/kg wet						
1,1,1,2-Tetrachloroethane	ND		0.050	mg/kg wet						
Total Xylenes	ND		0.15	mg/kg wet						
Styrene	ND		0.030	mg/kg wet						
Bromoform	ND		0.15	mg/kg wet						
Isopropylbenzene	ND		0.050	mg/kg wet						
1,1,2,2-Tetrachloroethane	ND		0.15	mg/kg wet						
Bromobenzene	ND		0.040	mg/kg wet						
n-Propylbenzene	ND		0.040	mg/kg wet						
1,2,3-Trichloropropane	ND		0.055	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
1,3,5-Trimethylbenzene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND ND		0.040	mg/kg wet						
	ND ND		0.040							
tert-Butylbenzene 1,2,4-Trimethylbenzene			0.040	mg/kg wet						
1,2,4- i rimetnyibenzene	ND ND		0.040	mg/kg wet						

ND

0.040

0.040

mg/kg wet

mg/kg wet

sec-Butylbenzene

p-Isopropyltoluene



Northern Environmental, LLC 7517 Portland Ave E, Suite B Tacoma, WA 98407 Project: Floyd Snyder-former Nord door site

Project Number: 77930
Project Manager: Marie Holt

City/State: Everett, WA
Work Order: L24F078
Reported: 07/08/2024 12:13

Quality Control (Continued)

	D !:	6 1	D.	11.2	Spike	Source	0/5=0	%REC	0.00	RPD
Analyte	Result	Qual	RL	Units	Level	Result	%REC	Limits	RPD	Limit
Blank (BYF0146-BLK1)					Prepar	ed & Analyzed	d: 6/28/2024			
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
n-Butylbenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dibromo-3-Chloropropane	ND		0.15	mg/kg wet						
1,2,4-Trichlorobenzene	ND		0.15	mg/kg wet						
Naphthalene	ND		0.10	mg/kg wet						
1,2,3-Trichlorobenzene	ND		0.15	mg/kg wet						
Surrogate: Dibromofluoromethane			33.4	ug/L	20.0		167	49.6-175		
Surrogate: 1,2-Dichloroethane-d4			28.3	ug/L	20.0		141	31.7-194		
Surrogate: Toluene-d8			18.1	ug/L	20.0		90.4	52.9-135		
_			10.1 14.4	-	20.0 20.0		72.0			
Surrogate: 4-Bromofluorobenzene			14.4	ug/L				50.8-121		
LCS (BYF0146-BS1)					•	red & Analyzed				
Dichlorodifluoromethane	0.465		0.060	mg/kg wet	0.250		186	19.5-231		
Chloromethane	0.228		0.060	mg/kg wet	0.250		91.3	18.1-201		
Vinyl Chloride (SIM)	0.316		0.020	mg/kg wet	0.250		126	10-182		
Bromomethane	0.490		0.090	mg/kg wet	0.250		196	19.9-196		
Chloroethane	0.388		0.060	mg/kg wet	0.250		155	10-235		
Trichlorofluoromethane	0.493		0.050	mg/kg wet	0.250		197	30.1-235		
1,1-Dichloroethene	0.430		0.050	mg/kg wet	0.250		172	42.4-208		
Methylene chloride	0.405		0.020	mg/kg wet	0.250		162	10-240		
Methyl tert-Butyl Ether (MTBE)	0.394		0.050	mg/kg wet	0.250		158	29.6-190		
trans-1,2-Dichloroethene	0.305		0.030	mg/kg wet	0.250		122	37.7-200		
1,1-Dichloroethane	0.330		0.030	mg/kg wet	0.250		132	33.2-213		
2,2-Dichloropropane	0.488		0.050	mg/kg wet	0.250		195	37.2-202		
cis-1,2-Dichloroethene	0.315		0.030	mg/kg wet	0.250		126	53.2-160		
Chloroform	0.388		0.030	mg/kg wet	0.250		155	50.5-195		
1,1,1-Trichloroethane (TCA)	0.468		0.030	mg/kg wet	0.250		187	52.4-188		
Carbon tetrachloride	0.531	S3	0.030	mg/kg wet	0.250		212	46.4-190		
1,1-Dichloropropene	0.236	33	0.030	mg/kg wet	0.250		94.4	41.7-135		
Benzene	0.230		0.030		0.250		97.8	54.1-136		
			0.020	mg/kg wet						
MEK	0.287			mg/kg wet	0.250		115	10-198		
1,2-Dichloroethane (EDC)	0.409		0.030	mg/kg wet	0.250		164	52.8-185		
Trichloroethene (SIM)	0.298		0.020	mg/kg wet	0.250		119	52-128		
1,2-Dichloropropane	0.213		0.030	mg/kg wet	0.250		85.1	66.8-141		
Dibromomethane	0.360		0.040	mg/kg wet	0.250		144	45.4-174		
Bromodichloromethane	0.389		0.030	mg/kg wet	0.250		156	34.3-194		
cis-1,3-Dichloropropene	0.166		0.030	mg/kg wet	0.250		66.6	38.5-117		
Toluene	0.294		0.10	mg/kg wet	0.250		118	53.3-135		
Trans-1,3-Dichloropropene	0.200		0.030	mg/kg wet	0.250		79.8	46.6-134		
1,1,2-Trichloroethane	0.275		0.030	mg/kg wet	0.250		110	63.4-173		
Tetrachloroethene (SIM)	0.434	S3	0.020	mg/kg wet	0.250		173	46.6-142		
1,3-Dichloropropane	0.217		0.050	mg/kg wet	0.250		86.7	55.4-135		
Dibromochloromethane	0.437		0.030	mg/kg wet	0.250		175	32.2-184		
1,2-Dibromoethane (EDB) (SIM)	0.296		0.0025	mg/kg wet	0.250		118	34.5-141		
Chlorobenzene	0.324		0.030	mg/kg wet	0.250		130	55.3-154		
Ethylbenzene	0.206		0.050	mg/kg wet	0.250		82.3	51.1-125		
1,1,1,2-Tetrachloroethane	0.445		0.050	mg/kg wet	0.250		178	24.3-215		
Total Xylenes	0.604		0.15	mg/kg wet	0.750		80.6	47.2-123		
Styrene	0.172		0.030	mg/kg wet	0.250		68.9	32.3-125		



Northern Environmental, LLC 7517 Portland Ave E, Suite B Tacoma, WA 98407 Project: Floyd Snyder-former Nord door site

Project Number: 77930 **Project Manager:** Marie Holt

City/State: Everett, WA
Work Order: L24F078
Reported: 07/08/2024 12:13

Quality Control (Continued)

					Spike	Source		%REC		RPD
Analyte	Result	Qual	RL	Units	Level	Result	%REC	Limits	RPD	Limit
LCS (BYF0146-BS1)					Prepar	red & Analyzed	d: 6/28/2024			
Isopropylbenzene	0.199		0.050	mg/kg wet	0.250		79.5	31.3-125		
1,1,2,2-Tetrachloroethane	0.190		0.15	mg/kg wet	0.250		75.9	52.8-161		
Bromobenzene	0.156		0.040	mg/kg wet	0.250		62.2	57.6-142		
n-Propylbenzene	0.134		0.040	mg/kg wet	0.250		53.5	36.1-140		
1,2,3-Trichloropropane	0.194		0.055	mg/kg wet	0.250		77.7	55.6-179		
2-Chlorotoluene	0.150		0.040	mg/kg wet	0.250		60.0	43-132		
1,3,5-Trimethylbenzene	0.152		0.040	mg/kg wet	0.250		60.7	33.2-137		
4-Chlorotoluene	0.142		0.040	mg/kg wet	0.250		56.6	39.5-132		
tert-Butylbenzene	0.147		0.040	mg/kg wet	0.250		58.7	20.5-136		
1,2,4-Trimethylbenzene	0.152		0.040	mg/kg wet	0.250		60.8	31.1-138		
sec-Butylbenzene	0.162		0.040	mg/kg wet	0.250		64.8	29.5-151		
p-Isopropyltoluene	0.147		0.040	mg/kg wet	0.250		59.0	24.8-137		
1,3-Dichlorobenzene	0.281		0.040	mg/kg wet	0.250		113	62.6-133		
1,4-Dichlorobenzene	0.295		0.040	mg/kg wet	0.250		118	72.8-136		
n-Butylbenzene	0.124		0.040	mg/kg wet	0.250		49.7	22.7-156		
1,2-Dichlorobenzene	0.288		0.040	mg/kg wet	0.250		115	67.4-132		
1,2-Dibromo-3-Chloropropane	0.277		0.15	mg/kg wet	0.250		111	35-151		
1,2,4-Trichlorobenzene	0.248		0.15	mg/kg wet	0.250		99.1	38.5-174		
Naphthalene	0.364		0.10	mg/kg wet	0.250		146	10-220		
1,2,3-Trichlorobenzene	0.272		0.15	mg/kg wet	0.250		109	45.6-240		
Surrogate: Dibromofluoromethane			31.1	ug/L	20.0		156	<i>49.6-175</i>		
Surrogate: 1,2-Dichloroethane-d4			29.2	ug/L	20.0		146	<i>31.7-194</i>		
Surrogate: Toluene-d8			19.7	ug/L	20.0		98.6	<i>52.9-135</i>		
Surrogate: 4-Bromofluorobenzene			19.2	ug/L	20.0		95.8	50.8-121		
Duplicate (BYF0146-DUP1)		Parent	: L24F078-01		Prepar	red & Analyzed	d: 6/28/2024			
Dichlorodifluoromethane	ND		0.95	mg/kg dry		ND				35
Chloromethane	ND		0.95	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.32	mg/kg dry		ND				35
Bromomethane	ND		1.4	mg/kg dry		ND				35
Chloroethane	ND		0.95	mg/kg dry		ND				35
Trichlorofluoromethane	ND		0.79	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.79	mg/kg dry		ND				35
Methylene chloride	ND		0.32	mg/kg dry		ND				35
Methyl tert-Butyl Ether (MTBE)	ND		0.79	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.47	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.47	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.79	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.47	mg/kg dry		ND				35
Chloroform	ND		0.47	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.47	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.47	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.47	mg/kg dry		ND				35
Benzene	ND		0.32	mg/kg dry		ND				35
MEK	ND		3.9	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.47	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.32	mg/kg dry		ND				35
1,2-Dichloropropane	ND		0.47	mg/kg dry		ND				35
Dibromomethane	ND		0.63	mg/kg dry		ND				35
Bromodichloromethane	ND		0.47	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.47	mg/kg dry		ND				35
Toluene	ND		1.6	5, 5 ,		ND				35



Northern Environmental, LLC 7517 Portland Ave E, Suite B Tacoma, WA 98407 **Project:** Floyd Snyder-former Nord door site

Project Number: 77930 Project Manager: Marie Holt City/State: Everett, WA
Work Order: L24F078
Reported: 07/08/2024 12:13

Quality Control (Continued)

	_				Spike	Source		%REC		RPD
Analyte	Result	Qual	RL	Units	Level	Result	%REC	Limits	RPD	Limit
Duplicate (BYF0146-DUP1)		Parent	: L24F078-0)1	Prepar	red & Analyzed	d: 6/28/2024			
Trans-1,3-Dichloropropene	ND		0.47	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.47	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.32	mg/kg dry		ND				35
1,3-Dichloropropane	ND		0.79	mg/kg dry		ND				35
Dibromochloromethane	ND		0.47	mg/kg dry		ND				35
1,2-Dibromoethane (EDB) (SIM)	ND		0.039	mg/kg dry		0.0702				35
Chlorobenzene	ND		0.47	mg/kg dry		ND				35
Ethylbenzene	ND		0.79	mg/kg dry		ND				35
1,1,1,2-Tetrachloroethane	ND		0.79	mg/kg dry		ND				35
Total Xylenes	ND		2.4	mg/kg dry		ND				35
Styrene	ND		0.47	mg/kg dry		ND				35
Bromoform	ND		2.4	mg/kg dry		ND				35
Isopropylbenzene	ND		0.79	mg/kg dry		ND				35
1,1,2,2-Tetrachloroethane	ND		2.4	mg/kg dry		ND				35
Bromobenzene	ND		0.63	mg/kg dry		ND				35
n-Propylbenzene	ND		0.63	mg/kg dry		ND				35
1,2,3-Trichloropropane	ND		0.87	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.63	mg/kg dry		ND				35
1,3,5-Trimethylbenzene	ND		0.63	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.63	mg/kg dry		ND				35
tert-Butylbenzene	ND		0.63	mg/kg dry		ND				35
1,2,4-Trimethylbenzene	ND		0.63	mg/kg dry		ND				35
sec-Butylbenzene	ND		0.63	mg/kg dry		ND				35
p-Isopropyltoluene	ND		0.63	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.63	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.63	mg/kg dry		ND				35
n-Butylbenzene	ND		0.63	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.63	mg/kg dry		ND				35
1,2-Dibromo-3-Chloropropane	ND		2.4	mg/kg dry		ND				35
1,2,4-Trichlorobenzene	ND		2.4	mg/kg dry		ND				35
Naphthalene	ND		1.6	mg/kg dry		ND				35
1,2,3-Trichlorobenzene	ND		2.4	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			32.0	ug/L	20.0	-	160	49.6-175		
Surrogate: 1,2-Dichloroethane-d4			27.3	ug/L	20.0		137	31.7-194		
Surrogate: Toluene-d8			18.6	ug/L	20.0		92.8	<i>52.9-135</i>		
Surrogate: 4-Bromofluorobenzene			16.3	ug/L	20.0		<i>81.4</i>	50.8-121		



Northern Environmental, LLC 7517 Portland Ave E, Suite B Tacoma, WA 98407 **Project:** Floyd Snyder-former Nord door site

Project Number: 77930 **Project Manager:** Marie Holt

City/State: Everett, WA
Work Order: L24F078
Reported: 07/08/2024 12:13

Quality Control (Continued)

					Spike	Source		%REC		RPD
Analyte	Result	Qual	RL	Units	Level	Result	%REC	Limits	RPD	Limit
Matrix Spike (BYF0146-MS1)		Parent	: L24F078-0)1	Prepar	ed & Analyzed	i: 6/28/2024			
Dichlorodifluoromethane	6.23		0.79	mg/kg dry	3.27	ND	190	10-230		
Chloromethane	2.79		0.79	mg/kg dry	3.27	ND	85.1	10-209		
Vinyl Chloride (SIM)	3.93		0.26	mg/kg dry	3.27	ND	120	10-166		
Bromomethane	5.90		1.2	mg/kg dry	3.27	ND	180	10-224		
Chloroethane	5.18		0.79	mg/kg dry	3.27	ND	158	10-196		
Trichlorofluoromethane	6.74		0.66	mg/kg dry	3.27	ND	206	10-230		
1,1-Dichloroethene	5.57		0.66	mg/kg dry	3.27	ND	170	14.8-190		
Methylene chloride	5.85		0.26	mg/kg dry	3.27	ND	179	10-245		
Methyl tert-Butyl Ether (MTBE)	4.84		0.66	mg/kg dry	3.27	ND	148	10.2-198		
trans-1,2-Dichloroethene	3.85		0.40	mg/kg dry	3.27	ND	118	17.5-193		
1,1-Dichloroethane	3.91		0.40	mg/kg dry	3.27	ND	119	10-216		
2,2-Dichloropropane	6.28	S4	0.66	mg/kg dry	3.27	ND	192	31.1-187		
cis-1,2-Dichloroethene	3.77		0.40	mg/kg dry	3.27	ND	115	30.1-176		
Chloroform	4.92		0.40	mg/kg dry	3.27	ND	150	27.4-218		
1,1,1-Trichloroethane (TCA)	6.23		0.40	mg/kg dry	3.27	ND	190	33.2-204		
Carbon tetrachloride	6.96		0.40	mg/kg dry	3.27	ND	213	19.4-220		
1,1-Dichloropropene	3.12		0.40	mg/kg dry	3.27	ND	95.2	33.3-139		
Benzene	3.22		0.26	mg/kg dry	3.27	ND	98.5	37-148		
MEK	6.55	S4	3.3	mg/kg dry	3.22	ND	203	10-188		
1,2-Dichloroethane (EDC)	5.37		0.40	mg/kg dry	3.27	ND	164	27.3-209		
Trichloroethene (SIM)	3.91		0.26	mg/kg dry	3.27	ND	119	37.4-145		
1,2-Dichloropropane	2.72		0.40	mg/kg dry	3.27	ND	83.0	48.8-167		
Dibromomethane	4.76		0.53	mg/kg dry	3.27	ND	145	31.6-178		
Bromodichloromethane	5.19		0.40	mg/kg dry	3.27	ND	159	26.6-194		
cis-1,3-Dichloropropene	2.49		0.40	mg/kg dry	3.27	ND	75.9	29.5-129		
Toluene	4.38		1.3	mg/kg dry	3.27	ND	134	28.1-154		
Trans-1,3-Dichloropropene	2.01		0.40	mg/kg dry	3.27	ND	61.4	35.3-137		
1,1,2-Trichloroethane	2.98		0.40	mg/kg dry	3.27	ND	91.0	40.4-201		
Tetrachloroethene (SIM)	4.34		0.26	mg/kg dry	3.27	ND	133	32.8-145		
1,3-Dichloropropane	2.26		0.66	mg/kg dry	3.27	ND	69.0	27.2-148		
Dibromochloromethane	4.43		0.40	mg/kg dry	3.27	ND	135	11.1-189		
1,2-Dibromoethane (EDB) (SIM)	3.51		0.033	mg/kg dry	3.27	0.0702	105	10-162		
Chlorobenzene	3.94		0.40	mg/kg dry	3.27	ND	120	38.7-162		
Ethylbenzene	2.74		0.66	mg/kg dry	3.27	ND	83.6	27-142		
1,1,1,2-Tetrachloroethane	4.64		0.66	mg/kg dry	3.27	ND	142	10-220		
Total Xylenes	7.54		2.0	mg/kg dry	9.82	ND	76.7	23.4-152		
Styrene	2.80		0.40	mg/kg dry	3.27	ND	85.4	16.4-138		
Bromoform	5.43		2.0	mg/kg dry	3.27	ND	166	10.4-136		
Isopropylbenzene	3.04		0.66	mg/kg dry	3.27	ND	92.8	10-163		
1,1,2,2-Tetrachloroethane	2.59		2.0	mg/kg dry	3.27	ND	79.2	19.6-194		
Bromobenzene	2.37		0.53	mg/kg dry	3.27	ND	79.2 72.2	30.7-170		
n-Propylbenzene	2.19		0.53	mg/kg dry	3.27	ND ND	67.0	10-169		
1,2,3-Trichloropropane	2.19		0.53	mg/kg dry	3.27	ND ND	78.8	25.5-186		
2-Chlorotoluene	2.34		0.72	mg/kg dry	3.27	ND	71.5	13.9-164		
2-Chlorotoidene 1,3,5-Trimethylbenzene	2.34		0.53	mg/kg dry	3.27	ND ND	70.7	10-163		
4-Chlorotoluene	2.23		0.53	mg/kg dry	3.27	ND ND	68.1	17.2-156		
tert-Butylbenzene	2.23		0.53			ND ND	70.1	17.2-156		
1,2,4-Trimethylbenzene	2.29		0.53	mg/kg dry	3.27 3.27	ND ND	70.1 72.6	17.3-139		
sec-Butylbenzene	2.38		0.53	mg/kg dry			72.6 75.7	17.3-139		
'				mg/kg dry	3.27	ND				
p-Isopropyltoluene	2.35		0.53	mg/kg dry	3.27	ND	71.9	10-197		
1,3-Dichlorobenzene 1,4-Dichlorobenzene	3.94 3.71		0.53 0.53	mg/kg dry mg/kg dry	3.27 3.27	ND ND	120 113	44-156 47-159		



Northern Environmental, LLC 7517 Portland Ave E, Suite B Tacoma, WA 98407 **Project:** Floyd Snyder-former Nord door site

Project Number: 77930 **Project Manager:** Marie Holt

City/State: Everett, WA
Work Order: L24F078
Reported: 07/08/2024 12:13

Quality Control (Continued)

					Spike	Source		%REC		RPD
Analyte	Result	Qual	RL	Units	Level	Result	%REC	Limits	RPD	Limit
Matrix Spike (BYF0146-MS1)		Parent	: L24F078-01		Prepar	ed & Analyzed	d: 6/28/2024			
n-Butylbenzene	2.33		0.53	mg/kg dry	3.27	ND	71.2	10-178		
1,2-Dichlorobenzene	3.98		0.53	mg/kg dry	3.27	ND	122	39.7-155		
1,2-Dibromo-3-Chloropropane	4.18		2.0	mg/kg dry	3.27	ND	128	20.5-182		
1,2,4-Trichlorobenzene	4.70		2.0	mg/kg dry	3.27	ND	144	13-165		
Naphthalene	7.60	S4	1.3	mg/kg dry	3.27	ND	232	10-222		
1,2,3-Trichlorobenzene	3.89		2.0	mg/kg dry	3.27	ND	119	14-174		
Surrogate: Dibromofluoromethane			32.0	ug/L	20.0		160	49.6-175		
Surrogate: 1,2-Dichloroethane-d4			29.8	ug/L	20.0		149	31.7-194		
Surrogate: Toluene-d8			22.0	ug/L	20.0		110	<i>52.9-135</i>		
Surrogate: 4-Bromofluorobenzene			21.6	ug/L	20.0		108	50.8-121		
Matrix Spike Dup (BYF0146-MSD1)		Parent	L24F078-01		Prepar	ed & Analyzed	d: 6/28/2024			
Dichlorodifluoromethane	5.19		0.79	mg/kg dry	3.27	ND	158	10-230	18.3	35
Chloromethane	2.60		0.79	mg/kg dry	3.27	ND	79.5	10-209	6.82	35
Vinyl Chloride (SIM)	3.56		0.26	mg/kg dry	3.27	ND	109	10-166	9.94	35
Bromomethane	5.35		1.2	mg/kg dry	3.27	ND	163	10-224	9.80	35
Chloroethane	4.76		0.79	mg/kg dry	3.27	ND	145	10-196	8.36	35
Trichlorofluoromethane	5.53		0.66	mg/kg dry	3.27	ND	169	10-230	19.8	35
1,1-Dichloroethene	4.87		0.66	mg/kg dry	3.27	ND	149	14.8-190	13.5	35
Methylene chloride	5.03		0.26	mg/kg dry	3.27	ND	154	10-245	15.1	35
Methyl tert-Butyl Ether (MTBE)	4.28		0.66	mg/kg dry	3.27	ND	131	10.2-198	12.1	35
trans-1,2-Dichloroethene	3.70		0.40	mg/kg dry	3.27	ND	113	17.5-193	4.01	35
1,1-Dichloroethane	3.54		0.40	mg/kg dry	3.27	ND	108	10-216	9.76	35
2,2-Dichloropropane	5.54		0.66	mg/kg dry	3.27	ND	169	31.1-187	12.4	35
cis-1,2-Dichloroethene	3.53		0.40	mg/kg dry	3.27	ND	108	30.1-176	6.84	35
Chloroform	4.60		0.40	mg/kg dry	3.27	ND	141	27.4-218	6.66	35
1,1,1-Trichloroethane (TCA)	5.32		0.40	mg/kg dry	3.27	ND	162	33.2-204	15.8	35
Carbon tetrachloride	5.94		0.40	mg/kg dry	3.27	ND	182	19.4-220	15.7	35
1,1-Dichloropropene	2.60		0.40	mg/kg dry	3.27	ND	79.5	33.3-139	18.0	35
Benzene	2.82		0.26	mg/kg dry	3.27	ND	86.2	37-148	13.3	35
MEK	7.90	S4	3.3	mg/kg dry	3.22	ND	245	10-188	18.7	35
1,2-Dichloroethane (EDC)	4.41		0.40	mg/kg dry	3.27	ND	135	27.3-209	19.7	35
Trichloroethene (SIM)	3.48		0.26	mg/kg dry	3.27	ND	106	37.4-145	11.6	35
1,2-Dichloropropane	2.44		0.40	mg/kg dry	3.27	ND	74.5	48.8-167	10.7	35
Dibromomethane	4.00		0.53	mg/kg dry	3.27	ND	122	31.6-178	17.4	35
Bromodichloromethane	4.37		0.40	mg/kg dry	3.27	ND	133	26.6-194	17.2	35
cis-1,3-Dichloropropene	2.23		0.40	mg/kg dry	3.27	ND	68.1	29.5-129	10.9	35
Toluene	3.58		1.3	mg/kg dry	3.27	ND	109	28.1-154	20.2	35
Trans-1,3-Dichloropropene	1.89		0.40	mg/kg dry	3.27	ND	57.7	35.3-137	6.18	35
1,1,2-Trichloroethane	2.65		0.40	mg/kg dry	3.27	ND	81.0	40.4-201	11.6	35
Tetrachloroethene (SIM)	4.00		0.26	mg/kg dry	3.27	ND	122	32.8-145	8.10	35
1,3-Dichloropropane	1.98		0.66	mg/kg dry	3.27	ND	60.4	27.2-148	13.3	35
Dibromochloromethane	3.97		0.40	mg/kg dry	3.27	ND	121	11.1-189	11.0	35
1,2-Dibromoethane (EDB) (SIM)	3.02		0.033	mg/kg dry	3.27	0.0702	90.0	10-162	15.1	35
Chlorobenzene	3.51		0.40	mg/kg dry	3.27	ND	107	38.7-162	11.6	35
Ethylbenzene	2.41		0.66	mg/kg dry	3.27	ND	73.7	27-142	12.5	35
1,1,1,2-Tetrachloroethane	4.23		0.66	mg/kg dry	3.27	ND	129	10-220	9.28	35
Total Xylenes	6.31		2.0	mg/kg dry	9.82	ND	64.3	23.4-152	17.7	35
Styrene	2.21		0.40	mg/kg dry	3.27	ND	67.6	16.4-138	23.2	35
Bromoform	4.74		2.0	mg/kg dry	3.27	ND	145	10-185	13.6	35
Isopropylbenzene	2.63		0.66	mg/kg dry	3.27	ND	80.2	10-154	14.5	35
1,1,2,2-Tetrachloroethane	2.61		2.0	mg/kg dry	3.27	ND	79.7	19.6-194	0.607	35



Northern Environmental, LLC 7517 Portland Ave E, Suite B Tacoma, WA 98407 **Project:** Floyd Snyder-former Nord door site

Project Number: 77930 Project Manager: Marie Holt City/State: Everett, WA
Work Order: L24F078
Reported: 07/08/2024 12:13

Quality Control (Continued)

					Spike	Source		%REC		RPD
Analyte	Result	Qual	RL	Units	Level	Result	%REC	Limits	RPD	Limit
Matrix Spike Dup (BYF0146-MSD1)		Parent	: L24F078-0	1	Prepai	red & Analyze	d: 6/28/2024			
Bromobenzene	2.31		0.53	mg/kg dry	3.27	ND	70.6	30.7-170	2.34	35
n-Propylbenzene	1.95		0.53	mg/kg dry	3.27	ND	59.6	10-169	11.7	35
1,2,3-Trichloropropane	2.38		0.72	mg/kg dry	3.27	ND	72.6	25.5-186	8.18	35
2-Chlorotoluene	2.11		0.53	mg/kg dry	3.27	ND	64.4	13.9-164	10.3	35
1,3,5-Trimethylbenzene	1.96		0.53	mg/kg dry	3.27	ND	59.8	10-163	16.7	35
4-Chlorotoluene	1.97		0.53	mg/kg dry	3.27	ND	60.3	17.2-156	12.2	35
tert-Butylbenzene	1.94		0.53	mg/kg dry	3.27	ND	59.3	10-139	16.6	35
1,2,4-Trimethylbenzene	1.98		0.53	mg/kg dry	3.27	ND	60.6	17.3-139	18.1	35
sec-Butylbenzene	1.99		0.53	mg/kg dry	3.27	ND	60.9	10-166	21.8	35
p-Isopropyltoluene	1.87		0.53	mg/kg dry	3.27	ND	57.1	10-197	22.9	35
1,3-Dichlorobenzene	3.56		0.53	mg/kg dry	3.27	ND	109	44-156	10.2	35
1,4-Dichlorobenzene	3.33		0.53	mg/kg dry	3.27	ND	102	47-159	10.9	35
n-Butylbenzene	1.76		0.53	mg/kg dry	3.27	ND	53.7	10-178	28.1	35
1,2-Dichlorobenzene	3.47		0.53	mg/kg dry	3.27	ND	106	39.7-155	13.7	35
1,2-Dibromo-3-Chloropropane	3.55		2.0	mg/kg dry	3.27	ND	108	20.5-182	16.3	35
1,2,4-Trichlorobenzene	3.95		2.0	mg/kg dry	3.27	ND	120	13-165	17.6	35
Naphthalene	7.80	S4	1.3	mg/kg dry	3.27	ND	238	10-222	2.58	35
1,2,3-Trichlorobenzene	3.61		2.0	mg/kg dry	3.27	ND	110	14-174	7.46	35
Surrogate: Dibromofluoromethane			30.2	ug/L	20.0		<i>151</i>	49.6-175		
Surrogate: 1,2-Dichloroethane-d4			27.0	ug/L	20.0		135	31.7-194		
Surrogate: Toluene-d8			20.3	ug/L	20.0		101	52.9-135		
Surrogate: 4-Bromofluorobenzene			22.1	ug/L	20.0		111	50.8-121		



Northern Environmental, LLC 7517 Portland Ave E, Suite B Tacoma, WA 98407 **Project:** Floyd Snyder-former Nord door site

Project Number: 77930 **Project Manager:** Marie Holt

City/State: Everett, WA
Work Order: L24F078
Reported: 07/08/2024 12:13

Quality Control (Continued)

Semivolatile Organic Compounds by EPA Method 8270E

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Allalyte	Result	Qual	KL.	UIIILS	Levei	Resuit	70REC	LIIIIIG	KFD	LIIIIIL
Batch: BYF0147 - Extraction	on									
Blank (BYF0147-BLK1)					Prepared:	6/28/2024 An	alyzed: 7/1/2	.024		
Naphthalene (SIM)	ND		0.020	mg/kg wet						
2-Methylnaphthalene (SIM)	ND		0.020	mg/kg wet						
1-Methylnaphthalene (SIM)	ND		0.020	mg/kg wet						
Acenaphthylene (SIM)	ND		0.020	mg/kg wet						
Acenaphthene (SIM)	ND		0.020	mg/kg wet						
Fluorene (SIM)	ND		0.020	mg/kg wet						
Phenanthrene (SIM)	ND		0.020	mg/kg wet						
Anthracene (SIM)	ND		0.020	mg/kg wet						
Fluoranthene (SIM)	ND		0.020	mg/kg wet						
Pyrene (SIM)	ND		0.020	mg/kg wet						
Benz(a)anthracene (SIM)	ND		0.020	mg/kg wet						
Chrysene (SIM)	ND		0.020	mg/kg wet						
Benzo(b)fluoranthene (SIM)	ND		0.020	mg/kg wet						
Benzo(k)fluoranethene (SIM)	ND		0.020	mg/kg wet						
Benzo(a)pyrene (SIM)	ND		0.020	mg/kg wet						
Indeno(1,2,3-cd)pyrene (SIM)	ND		0.020	mg/kg wet						
Dibenz(a,h)anthracene (SIM)	ND		0.020	mg/kg wet						
Benzo(g,h,i)perylene (SIM)	ND		0.020	mg/kg wet						
Surrogate: 2-FBP (SIM)			0.660	mg/kg	0.500		132	<i>50-153</i>		
Surrogate: p-Terphenyl-d14 (S.	SIM)		0.690	mg/kg	0.500		138	52-141		
LCS (BYF0147-BS1)					Prepared:	6/28/2024 An	nalyzed: 7/1/2	.024		
Naphthalene (SIM)	2.20		0.020	mg/kg wet	2.00		110	61-123		
2-Methylnaphthalene (SIM)	2.27		0.020	mg/kg wet	2.00		113	53-128		
1-Methylnaphthalene (SIM)	2.28		0.020	mg/kg wet	2.00		114	62-126		
Acenaphthylene (SIM)	2.21		0.020	mg/kg wet	2.00		110	43-127		
Acenaphthene (SIM)	1.91		0.020	mg/kg wet	2.00		95.6	63-104		
Fluorene (SIM)	2.20		0.020	mg/kg wet	2.00		110	60-125		
Phenanthrene (SIM)	2.19		0.020	mg/kg wet	2.00		110	63-128		
Anthracene (SIM)	2.09		0.020	mg/kg wet	2.00		105	45-120		
Fluoranthene (SIM)	1.88		0.020	mg/kg wet	2.00		93.8	52-114		
Pyrene (SIM)	2.38		0.020	mg/kg wet	2.00		119	63-136		
Benz(a)anthracene (SIM)	2.48		0.020	mg/kg wet	2.00		124	51-141		
Chrysene (SIM)	1.93		0.020	mg/kg wet	2.00		96.4	62-117		
Benzo(b)fluoranthene (SIM)	1.79		0.020	mg/kg wet	2.00		89.6	51-126		
Benzo(k)fluoranethene (SIM)	1.94		0.020	mg/kg wet	2.00		97.1	55-139		
Benzo(a)pyrene (SIM)	2.18		0.020	mg/kg wet	2.00		109	50-129		
Indeno(1,2,3-cd)pyrene (SIM)	2.00		0.020	mg/kg wet	2.00		99.8	48-128		
Dibenz(a,h)anthracene (SIM)	1.89		0.020	mg/kg wet	2.00		94.6	58-115		
Benzo(g,h,i)perylene (SIM)	1.86		0.020	mg/kg wet	2.00		92.9	52-119		
Surrogate: 2-FBP (SIM)			0.500	mg/kg	0.500		100	50-153		
Surrogate: p-Terphenyl-d14 (S.	SIM)		0.540	mg/kg	0.500		108	<i>52-141</i>		



Northern Environmental, LLC 7517 Portland Ave E, Suite B Tacoma, WA 98407 **Project:** Floyd Snyder-former Nord door site

Project Number: 77930 **Project Manager:** Marie Holt

City/State: Everett, WA
Work Order: L24F078
Reported: 07/08/2024 12:13

Quality Control (Continued)

					Spike	Source		%REC		RPD
Analyte	Result	Qual	RL	Units	Level	Result	%REC	Limits	RPD	Limit
Duplicate (BYF0147-DUP1)		Parent	: L24F078-01		Prepared: 6	6/28/2024 Ar	alyzed: 7/1/2	.024		
Naphthalene (SIM)	ND		0.026	mg/kg dry		ND				35
2-Methylnaphthalene (SIM)	ND		0.026	mg/kg dry		ND				35
1-Methylnaphthalene (SIM)	ND		0.026	mg/kg dry		ND				35
Acenaphthylene (SIM)	ND		0.026	mg/kg dry		ND				35
Acenaphthene (SIM)	ND		0.026	mg/kg dry		ND				35
Fluorene (SIM)	ND		0.026	mg/kg dry		ND				35
Phenanthrene (SIM)	ND		0.026	mg/kg dry		ND				35
Anthracene (SIM)	ND		0.026	mg/kg dry		ND				35
Fluoranthene (SIM)	0.0309		0.026	mg/kg dry		0.0335			8.00	35
Pyrene (SIM)	0.0515		0.026	mg/kg dry		0.0567			9.52	35
Benz(a)anthracene (SIM)	0.0232	R	0.026	mg/kg dry		0.0335			36.4	35
Chrysene (SIM)	0.0567		0.026	mg/kg dry		0.0593			4.44	35
Benzo(b)fluoranthene (SIM)	0.0412		0.026	mg/kg dry		0.0412			0.00	35
Benzo(k)fluoranethene (SIM)	ND		0.026	mg/kg dry		ND				35
Benzo(a)pyrene (SIM)	0.0258		0.026	mg/kg dry		0.0309			18.2	35
Indeno(1,2,3-cd)pyrene (SIM)	0.0258		0.026	mg/kg dry		0.0335			26.1	35
Dibenz(a,h)anthracene (SIM)	ND		0.026	mg/kg dry		ND				35
Benzo(g,h,i)perylene (SIM)	0.0567		0.026	mg/kg dry		0.0644			12.8	35
Surrogate: 2-FBP (SIM)			0.500	mg/kg	0.500		100	<i>50-153</i>		
Surrogate: p-Terphenyl-d14 (SIM)			0.580	mg/kg	0.500		116	<i>52-141</i>		
Matrix Spike (BYF0147-MS1)		Parent	: L24F078-01		Prepared: 6	6/28/2024 Ar	alyzed: 7/1/2	.024		
Naphthalene (SIM)	2.96		0.026	mg/kg dry	2.58	ND	115	54-139		
2-Methylnaphthalene (SIM)	2.90		0.026	mg/kg dry	2.58	ND	113	48-144		
1-Methylnaphthalene (SIM)	2.91		0.026	mg/kg dry	2.58	ND	113	60-140		
Acenaphthylene (SIM)	2.45		0.026	mg/kg dry	2.58	ND	94.9	41-145		
Acenaphthene (SIM)	2.52		0.026	mg/kg dry	2.58	ND	97.8	50-130		
Fluorene (SIM)	2.85		0.026	mg/kg dry	2.58	ND	111	51-146		
Phenanthrene (SIM)	2.98		0.026	mg/kg dry	2.58	ND	116	51-159		
Anthracene (SIM)	2.59		0.026	mg/kg dry	2.58	ND	100	43-141		
Fluoranthene (SIM)	2.59		0.026	mg/kg dry	2.58	0.0335	99.1	41-157		
Pyrene (SIM)	3.16		0.026	mg/kg dry	2.58	0.0567	121	46-175		
Benz(a)anthracene (SIM)	3.33		0.026	mg/kg dry	2.58	0.0335	128	52-166		
Chrysene (SIM)	2.66		0.026	mg/kg dry	2.58	0.0593	101	59-133		
Benzo(b)fluoranthene (SIM)	2.39		0.026	mg/kg dry	2.58	0.0412	91.1	42-136		
Benzo(k)fluoranethene (SIM)	2.65		0.026	mg/kg dry	2.58	ND	103	54-141		
Benzo(a)pyrene (SIM)	2.94		0.026	mg/kg dry	2.58	0.0309	113	40-155		
Indeno(1,2,3-cd)pyrene (SIM)	2.81		0.026	mg/kg dry	2.58	0.0335	108	31-153		
Dibenz(a,h)anthracene (SIM)	2.60		0.026	mg/kg dry	2.58	ND	101	33-142		
Benzo(g,h,i)perylene (SIM)	2.71		0.026	mg/kg dry	2.58	0.0644	103	41-138		
Surrogate: 2-FBP (SIM)			0.510	mg/kg	0.500		102	50-153		
Surrogate: p-Terphenyl-d14 (SIN	M)		0.530	mg/kg	0.500		106	<i>52-141</i>		



Northern Environmental, LLC 7517 Portland Ave E, Suite B Tacoma, WA 98407 **Project:** Floyd Snyder-former Nord door site

Project Number: 77930 Project Manager: Marie Holt City/State: Everett, WA
Work Order: L24F078
Reported: 07/08/2024 12:13

Quality Control (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BYF0147-MSD:	1)	Parent	:: L24F078-01		Prepared: 6	5/28/2024 An	alyzed: 7/1/2	024		
Naphthalene (SIM)	3.01		0.026	mg/kg dry	2.58	ND	117	54-139	1.47	35
2-Methylnaphthalene (SIM)	3.06		0.026	mg/kg dry	2.58	ND	119	48-144	5.44	35
1-Methylnaphthalene (SIM)	3.06		0.026	mg/kg dry	2.58	ND	119	60-140	5.00	35
Acenaphthylene (SIM)	2.82		0.026	mg/kg dry	2.58	ND	110	41-145	14.4	35
Acenaphthene (SIM)	2.58		0.026	mg/kg dry	2.58	ND	100	50-130	2.42	35
Fluorene (SIM)	2.95		0.026	mg/kg dry	2.58	ND	114	51-146	3.28	35
Phenanthrene (SIM)	2.96		0.026	mg/kg dry	2.58	ND	115	51-159	0.694	35
Anthracene (SIM)	2.82		0.026	mg/kg dry	2.58	ND	109	43-141	8.58	35
Fluoranthene (SIM)	2.70		0.026	mg/kg dry	2.58	0.0335	103	41-157	4.19	35
Pyrene (SIM)	3.35		0.026	mg/kg dry	2.58	0.0567	128	46-175	5.70	35
Benz(a)anthracene (SIM)	3.56		0.026	mg/kg dry	2.58	0.0335	137	52-166	6.50	35
Chrysene (SIM)	2.71		0.026	mg/kg dry	2.58	0.0593	103	59-133	2.11	35
Benzo(b)fluoranthene (SIM)	2.51		0.026	mg/kg dry	2.58	0.0412	95.7	42-136	4.84	35
Benzo(k)fluoranethene (SIM)	2.72		0.026	mg/kg dry	2.58	ND	105	54-141	2.59	35
Benzo(a)pyrene (SIM)	3.15		0.026	mg/kg dry	2.58	0.0309	121	40-155	6.86	35
Indeno(1,2,3-cd)pyrene (SIM)	2.83		0.026	mg/kg dry	2.58	0.0335	109	31-153	0.730	35
Dibenz(a,h)anthracene (SIM)	2.61		0.026	mg/kg dry	2.58	ND	101	33-142	0.396	35
Benzo(g,h,i)perylene (SIM)	2.64		0.026	mg/kg dry	2.58	0.0644	99.8	41-138	2.70	35
Surrogate: 2-FBP (SIM)			0.520	mg/kg	0.500		104	<i>50-153</i>		
Surrogate: p-Terphenyl-d14 (SII	M)		0.560	mg/kg	0.500		112	<i>52-141</i>		



Northern Environmental, LLC 7517 Portland Ave E, Suite B Tacoma, WA 98407 **Project:** Floyd Snyder-former Nord door site

Project Number: 77930 Project Manager: Marie Holt City/State: Everett, WA
Work Order: L24F078
Reported: 07/08/2024 12:13

Quality Control (Continued)

PCB (Polychlorinated Biphenyls) by EPA Method 8082

					Spike	Source		%REC		RPD
Analyte	Result	Qual	RL	Units	Level	Result	%REC	Limits	RPD	Limit
Batch: BYF0145 - Extraction	7									
Blank (BYF0145-BLK1)					Prepar	ed & Analyze	d: 6/28/2024			
Aroclor 1016	ND		0.10	mg/kg wet						
Aroclor 1221	ND		0.10	mg/kg wet						
Aroclor 1232	ND		0.10	mg/kg wet						
Aroclor 1242	ND		0.10	mg/kg wet						
Aroclor 1248	ND		0.10	mg/kg wet						
Aroclor 1254	ND		0.10	mg/kg wet						
Aroclor 1260	ND		0.10	mg/kg wet						
Surrogate: TCMX			0.0221	ug/mL	0.0200		110	<i>57.8-123</i>		
Surrogate: DCBP			0.0219	ug/mL	0.0200		109	<i>57.2-128</i>		
LCS (BYF0145-BS1)					Prepar	ed & Analyze	d: 6/28/2024			
Aroclor 1016	0.0989		0.10	mg/kg wet	0.100		98.9	80-123		
Aroclor 1260	0.0983		0.10	mg/kg wet	0.100		98.3	80-117		
Surrogate: TCMX			0.0195	ug/mL	0.0200		97.4	<i>57.8-123</i>		
Surrogate: DCBP			0.0173	ug/mL	0.0200		86.3	<i>57.2-128</i>		
Duplicate (BYF0145-DUP1)		Parent	:: L24F078-01		Prepar	ed & Analyze	d: 6/28/2024			
Aroclor 1016	ND		0.13	mg/kg dry		ND				35
Aroclor 1254	ND		0.13	mg/kg dry		ND				200
Aroclor 1260	ND		0.13	mg/kg dry		ND				35
Surrogate: TCMX			0.0152	ug/mL	0.0200		75.9	<i>57.8-123</i>		
Surrogate: DCBP			0.0181	ug/mL	0.0200		90.6	<i>57.2-128</i>		
Matrix Spike (BYF0145-MS1)		Parent	:: L24F078-01		Prepar	ed & Analyze	d: 6/28/2024			
Aroclor 1016	0.114		0.13	mg/kg dry	0.129	ND	88.8	76-120		
Aroclor 1260	0.128		0.13	mg/kg dry	0.129	ND	99.7	72-126		
Surrogate: TCMX			0.0218	ug/mL	0.0200		109	<i>57.8-123</i>		
Surrogate: DCBP			0.0234	ug/mL	0.0200		117	<i>57.2-128</i>		
Matrix Spike Dup (BYF0145-MSD	L)	Parent	:: L24F078-01		Prepar	ed & Analyze	d: 6/28/2024			
Aroclor 1016	0.130		0.13	mg/kg dry	0.129	ND	101	76-120	12.5	49.8
Aroclor 1260	0.124		0.13	mg/kg dry	0.129	ND	96.4	72-126	3.37	27
Surrogate: TCMX			0.0234	ug/mL	0.0200		117	<i>57.8-123</i>		
Surrogate: DCBP			0.0212	ug/mL	0.0200		106	<i>57.2-128</i>		



Northern Environmental, LLC 7517 Portland Ave E, Suite B Tacoma, WA 98407 Project: Floyd Snyder-former Nord door site

Project Number: 77930 Project Manager: Marie Holt City/State: Everett, WA
Work Order: L24F078
Reported: 07/08/2024 12:13

Quality Control (Continued)

Moisture by ASTM D2216-19

Analyte Result Qual RL Units Level Result %REC RPD Limit

Batch: BYF0144 - Gen Chem LCS (BYF0144-BS1)

CS (BYF0144-BS1)Prepared & Analyzed: 6/28/2024

Moisture 18 % 17.0 104 90-115

Floyd Snyder - Jen - Weld Project Northern Environmental, LLC Libby Work Order # L24F078 Date Received 6/27/2024 Time Received 3:25 PM 3322 South Bay Road NE Olympia, WA 98506 Phone: (360) 352-2110 FAX: (360) 352-4154 Email: libbyenv@gmail.com

Received By LB

Sample Receipt Checklist

Chain of Custody			
1. Is the Chain of Custody is complete?	✓ Yes	☐ No	
2. How was the sample delivered?	Hand Delivered	✓ Picked Up	Shipped
<u>Log In</u>			
3. Cooler or Shipping Container is present.	✓ Yes	☐ No	□ N/A
4. Cooler or Shipping Container is in good condition.	✓ Yes	☐ No	□ N/A
5. Cooler or Shipping Container has Custody Seals present.	Yes	✓ No	□ N/A
6. Was an attempt made to cool the samples?	✓ Yes	☐ No	□ N/A
7. Temperature of cooler (0°C to 8°C recommended)	1.5	°C	
8. Temperature of sample(s) (0°C to 8°C recommended)	10.3	°C	
9. Did all containers arrive in good condition (unbroken)?	✓ Yes	☐ No	
10. Is it clear what analyses were requested?	✓ Yes	☐ No	
11. Did container labels match Chain of Custody?	✓ Yes	☐ No	
12. Are matrices correctly identified on Chain of Custody?	✓ Yes	☐ No	
13. Are correct containers used for the analysis indicated?	✓ Yes	☐ No	
14. Is there sufficient sample volume for indicated analysis?	✓ Yes	No	
15. Were all containers properly preserved per each analysis?	✓ Yes	☐ No	
16. Were VOA vials collected correctly (no headspace)?	Yes	No	✓ N/A
17. Were all holding times able to be met?	✓ Yes	No	
Discrepancies/ Notes			
18. Was client notified of all discrepancies?	Yes	☐ No	✓ N/A
Person Notified:		Date:	
By Whom:		Via:	
Regarding:			
19. Comments.			



3600 Fremont Ave N Seattle, WA 98103 T: (206) 352-3790 F: (206) 352-7178 info@fremontanalytical.com

Libby EnvironmentalSherry Chilcutt
3322 South Bay Road NE
Olympia, WA 98506

RE: Floyd Snider-Jen-Weld, L24F078

Work Order Number: 2406511

July 08, 2024

Attention Sherry Chilcutt:

Fremont Analytical, Inc, an Alliance Technical Group company, received 1 sample(s) on 6/28/2024 for the analyses presented in the following report.

Sample Moisture (Percent Moisture) Total Metals by EPA 6020B

All analyses were performed according to our accredited Quality Assurance program. Please contact the laboratory if you should have any questions about the results.

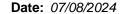
Please note, while the appearance of our logo and branding will update, our commitment to accuracy, speed, and customer service remain values celebrated and shared by Alliance Technical Group. Thank you for the opportunity to serve you.

Sincerely,

Brianna Barnes Project Manager

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.4 for Environmental Testing ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910







CLIENT: Libby Environmental Work Order Sample Summary

Project: Floyd Snider-Jen-Weld

Work Order: 2406511

Lab Sample ID Client Sample ID Date/Time Collected Date/Time Received

2406511-001 Storm Drain Waste 06/26/2024 10:00 AM 06/28/2024 9:48 AM



Case Narrative

WO#: **2406511**Date: **7/8/2024**

CLIENT: Libby Environmental

Project: Floyd Snider-Jen-Weld

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.



Qualifiers & Acronyms

WO#: **2406511**

Date Reported: 7/8/2024

Qualifiers:

- * Flagged value is not within established control limits
- B Analyte detected in the associated Method Blank
- D Dilution was required
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- I Analyte with an internal standard that does not meet established acceptance criteria
- J Analyte detected below Reporting Limit
- N Tentatively Identified Compound (TIC)
- Q Analyte with an initial or continuing calibration that does not meet established acceptance criteria
- S Spike recovery outside accepted recovery limits
- ND Not detected at the Reporting Limit
- R High relative percent difference observed

Acronyms:

%Rec - Percent Recovery

CCB - Continued Calibration Blank

CCV - Continued Calibration Verification

DF - Dilution Factor

DUP - Sample Duplicate

HEM - Hexane Extractable Material

ICV - Initial Calibration Verification

LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate

MCL - Maximum Contaminant Level

MB or MBLANK - Method Blank

MDL - Method Detection Limit

MS/MSD - Matrix Spike / Matrix Spike Duplicate

PDS - Post Digestion Spike

Ref Val - Reference Value

REP - Sample Replicate

RL - Reporting Limit

RPD - Relative Percent Difference

SD - Serial Dilution

SGT - Silica Gel Treatment

SPK - Spike

Surr - Surrogate



Analytical Report

Work Order: **2406511**Date Reported: **7/8/2024**

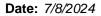
Client: Libby Environmental Collection Date: 6/26/2024 10:00:00 AM

Project: Floyd Snider-Jen-Weld

Lab ID: 2406511-001 **Matrix**: Soil

Client Sample ID: Storm Drain Waste

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Metals by EPA 6020B				Batch	ı ID: 4	44414 Analyst: ME
Arsenic	5.21	0.258		mg/Kg-dry	1	7/5/2024 2:58:00 PM
Barium	68.5	1.29		mg/Kg-dry	1	7/5/2024 2:58:00 PM
Cadmium	0.286	0.0258		mg/Kg-dry	1	7/5/2024 2:58:00 PM
Chromium	31.8	0.645		mg/Kg-dry	1	7/5/2024 2:58:00 PM
Copper	47.0	2.58		mg/Kg-dry	1	7/5/2024 2:58:00 PM
Lead	9.31	0.258		mg/Kg-dry	1	7/5/2024 2:58:00 PM
Mercury	ND	0.0516		mg/Kg-dry	1	7/5/2024 2:58:00 PM
Molybdenum	ND	0.387		mg/Kg-dry	1	7/5/2024 2:58:00 PM
Nickel	35.8	0.387		mg/Kg-dry	1	7/5/2024 2:58:00 PM
Selenium	0.322	0.258		mg/Kg-dry	1	7/5/2024 2:58:00 PM
Silver	ND	0.387		mg/Kg-dry	1	7/5/2024 2:58:00 PM
Zinc	247	3.87		mg/Kg-dry	1	7/5/2024 2:58:00 PM
Sample Moisture (Percent Moist	ture)			Batch	ı ID: I	R92751 Analyst: OP
Percent Moisture	26.0	0.500		wt%	1	7/1/2024 9:29:43 AM





Work Order: 2406511

CLIENT: Libby Environmental

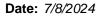
Project: Floyd Snider-Jen-Weld

QC SUMMARY REPORT

Total Metals by EPA 6020B

Sample ID: MB-44414	SampType: MBLK			Units: mg/Kg		Prep Da	ate: 7/2/202	24	RunNo: 928	373	
Client ID: MBLKS	Batch ID: 44414					Analysis Da	ate: 7/5/202	24	SeqNo: 19 3	38458	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.200									
Barium	ND	1.00									
Cadmium	ND	0.0200									
Chromium	ND	0.500									
Copper	ND	2.00									
Lead	ND	0.200									
Mercury	ND	0.0400									
Molybdenum	ND	0.300									
Nickel	ND	0.300									
Selenium	ND	0.200									
Silver	ND	0.300									
Zinc	ND	3.00									

Sample ID: LCS-44414	SampType: LCS			Units: mg/Kg		Prep Da	ite: 7/2/202	24	RunNo: 928	373	
Client ID: LCSS	Batch ID: 44414					Analysis Da	ite: 7/5/202	24	SeqNo: 193	8459	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	39.3	0.200	40.00	0	98.3	80	120				
Barium	39.2	1.00	40.00	0	98.0	80	120				
Cadmium	2.04	0.0200	2.000	0	102	80	120				
Chromium	42.5	0.500	40.00	0	106	80	120				
Copper	42.3	2.00	40.00	0	106	80	120				
Lead	19.2	0.200	20.00	0	96.1	80	120				
Mercury	0.985	0.0400	1.000	0	98.5	80	120				
Molybdenum	39.3	0.300	40.00	0	98.2	80	120				
Nickel	38.6	0.300	40.00	0	96.6	80	120				
Selenium	3.74	0.200	4.000	0	93.6	80	120				
Silver	2.10	0.300	2.000	0	105	80	120				
Zinc	37.3	3.00	40.00	0	93.2	80	120				





Work Order: 2406511

CLIENT: Libby Environmental

Project: Floyd Snider-Jen-Weld

QC SUMMARY REPORT

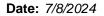
Total Metals by EPA 6020B

Sample ID: 2406472-006AMS	SampType: MS			Units: mg	/Kg-dry	Prep Da	te: 7/2/202	24	RunNo: 92 8	373	
Client ID: BATCH	Batch ID: 44414					Analysis Da	te: 7/5/202	24	SeqNo: 193	38461	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	147	0.733	146.7	6.433	95.8	75	125				
Barium	261	3.67	146.7	115.9	99.2	75	125				
Cadmium	8.87	0.0733	7.334	1.456	101	75	125				
Chromium	200	1.83	146.7	45.42	105	75	125				
Copper	247	7.33	146.7	94.08	104	75	125				
Lead	121	0.733	73.34	35.63	117	75	125				
Mercury	3.48	0.147	3.667	0.08426	92.7	75	125				
Molybdenum	144	1.10	146.7	0	98.4	75	125				
Nickel	174	1.10	146.7	41.05	90.9	75	125				
Selenium	12.5	0.733	14.67	0.5484	81.4	75	125				
Silver	8.23	1.10	7.334	0.6829	103	75	125				
Zinc	1,060	11.0	146.7	1,014	33.5	75	125				ES

NOTES:

S - Outlying spike recovery observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Sample ID: 2406472-006AMSD	SampType: MSD			Units: mg	/Kg-dry	Prep Da	te: 7/2/202	4	RunNo: 928	373	·
Client ID: BATCH	Batch ID: 44414					Analysis Da	te: 7/5/202	4	SeqNo: 193	88462	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	147	0.733	146.7	6.433	96.0	75	125	147.0	0.153	20	
Barium	237	3.67	146.7	115.9	82.4	75	125	261.4	9.94	20	
Cadmium	8.71	0.0733	7.334	1.456	98.9	75	125	8.870	1.82	20	
Chromium	188	1.83	146.7	45.42	97.0	75	125	199.9	6.24	20	
Copper	241	7.33	146.7	94.08	100	75	125	247.1	2.62	20	
Lead	123	0.733	73.34	35.63	119	75	125	121.5	1.09	20	
Mercury	3.60	0.147	3.667	0.08426	95.9	75	125	3.484	3.35	20	
Molybdenum	143	1.10	146.7	0	97.7	75	125	144.4	0.706	20	
Nickel	172	1.10	146.7	41.05	89.3	75	125	174.3	1.29	20	
Selenium	13.1	0.733	14.67	0.5484	85.7	75	125	12.49	4.92	20	
Silver	8.08	1.10	7.334	0.6829	101	75	125	8.229	1.80	20	
Zinc	954	11.0	146.7	1,014	-41.3	75	125	1,063	10.9	20	ES





Work Order: 2406511

2406511

Libby Environmental

QC SUMMARY REPORT

Floyd Snider-Jen-Weld

Total Metals by EPA 6020B

Sample ID: 2406472-006AMSD SampType: MSD Units: mg/Kg-dry Prep Date: 7/2/2024 RunNo: 92873

Client ID: **BATCH** Batch ID: **44414** Analysis Date: **7/5/2024** SeqNo: **1938462**

Analyte Result RL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

NOTES:

CLIENT:

Project:

S - Outlying spike recovery observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.



Sample Log-In Check List

Client Name: LIBBY	Work Order Numb	per: 2406511	
Logged by: Morgan Wilson	Date Received:	6/28/2024	9:48:00 AM
Chain of Custody			
1. Is Chain of Custody complete?	Yes 🗹	No 🗌	Not Present
2. How was the sample delivered?	<u>UPS</u>		
<u>Log In</u>			
 Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact) 	Yes	No 🗌	Not Present ✓
4. Was an attempt made to cool the samples?	Yes 🗸	No 🗌	NA \square
5. Were all items received at a temperature of >2°C to 6°C *	Yes 🗹	No 🗌	NA \square
6. Sample(s) in proper container(s)?	Yes 🗸	No 🗆	
7. Sufficient sample volume for indicated test(s)?	Yes 🗹	No \square	
8. Are samples properly preserved?	Yes 🗸	No \square	
9. Was preservative added to bottles?	Yes	No 🗸	NA 🗌
10. Is there headspace in the VOA vials?	Yes	No 🗌	NA 🗸
11. Did all samples containers arrive in good condition(unbroken)?	Yes 🗹	No \square	
12. Does paperwork match bottle labels?	Yes 🗸	No 🗌	
13. Are matrices correctly identified on Chain of Custody?	Yes 🔽	No 🗌	
14. Is it clear what analyses were requested?	Yes 🔽	No 🗌	
15. Were all hold times (except field parameters, pH e.g.) able to be met?	Yes 🗸	No 🗌	
Special Handling (if applicable)			
16. Was client notified of all discrepancies with this order?	Yes	No \square	NA 🗸
Person Notified: Da	ate:		
By Whom:	a: 🗌 eMail 🗌 Ph	none Fax	☐ In Person
Regarding:			
Client Instructions:			
17. Additional remarks:			
Item Information			
Item # Temp °C			

5.5

Sample

^{*} Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C



3322 South Bay Road NE • Olympia, WA 98506-2957

SUBCONTRACT ORDER L24F078

2406511

Sending Laboratory:

Libby Environmental, Inc. 3322 South Bay Road NE Olympia, WA 98506 Phone: 360-352-2110

Fax: 360-352-4154

Project Manager: Sherry Chilcutt

LibbyEnv@gmail.com

Project: Floyd Snyder - Jen - Weld

Subcontracted Laboratory:

Fremont Analytical, Inc. 3600 Fremont Ave N Seattle, WA 98103 Phone: (206) 352-3790

Fax:

Requested Turnaround (TAT) __ Std

Analysis

Comments

Client Sample ID: Storm Drain Waste Soil Sampled: 06/26/2024 10:00

Lab ID: L24F078-01

Metals SUB RCRA8 Metals SUB Cu, Ni, Zn, Mo

Containers Supplied:

6000 or 7000 series / report in mg/ units 6000 or 7000 series / report in mg/ units

6-27-24

Page 30 of 30

PRS Group, Inc. 3003 Taylor Way Tacoma, WA 98421

WASTE PROFILE

(not valid until signed by generator and PRS representative.)

Phone 253-383-4175 jay@prsplant.net prs@prsplant.net

	* PRS to complete this section. *	prs@prspiant.net
Profile #:	Approved By:	Date Active:
Waste Name:	Process Generation Waste:	

1. Generator and PRS Customer Information:

PRS Customer Name: Northern Environmental		
Technical Contact: Dennis Miller		
Mailing Address: 2661 N. Pearl St. #145		
City: Tacoma		
State: WA		
Phone Number: 253-503-3096		
Email Address: dennis@northernenv.com		

2. PHYSICAL & CHEMICAL CHARACTERISTICS OF WASTE

				Fill in answ	er or check box that applies					
Color: Brown					Chlorinated Solvents?	Yes		No	1	
Odor: Storm					PCB's?	Yes		No	1	
_{pH:} 5-9					Cyanide?	Yes		No	1	
# Of Layers: two		_			Reactive Waste?	Yes		No	1	
Sample Provided?	Yes		No 1	/	TSCA Waste?	Yes		No	1	
SDS Provided?	Yes		No 1	/	Oil Present?	Yes	1	No		% Oil:
Lab Report Provided?	Yes	/	No		Fuel Present?	Yes		No	1	
Generator Knowledge?	Yes		No	100	Flash Point: <100F	100F to 140	F]	>140	F 🗸

3. WASTE MATRIX - List All Phases of Waste and Estimated Percentage

Stormwater with trace oil	50	% to 50	%
Sludge/Solids	50	% to 50	%
		% to	%
		% to	%

4. List All Lab Testing Performed On This Waste: (provide copies of all lab data with this form)

Date	Tests Performed and Method
7-8-24	PAH, VOC, PCB, Metals

5. Waste Name, Description and Additional Information

Waste Name (what is the waste stream?): Stormwater and Solids		1 130 1
Give a detailed description how waste is created and any additional pertinent information: Maintenance/Cleaning of storm drains		
		i i i i i i i i i i i i i i i i i i i

6. Shipping Information

Containers: Type:	Bulk: Truck Type: TT	Quantity To Ship: 2500 gal + 5 Ton	Frequency: as needed		
Transporter Name: Northern Environmental LLC					
DOT Shipping Description: Material not regulated by DOT					

7. Testing Overview

When testing is required for typical storm wastes that test suite would include: % solids and the following heavy metals in Total form: Cd, Cr, Cu, Pb, Ni, Zn and Mo.

Fueling stations that dispense gasoline will need a BTEX report in addition to the total metals scan above.

ALL FIELDS NEED ENTRIES OTHERWISE THE SOFTWARE WON'T GENERATE A PROFILE FOR SIGNATURE.

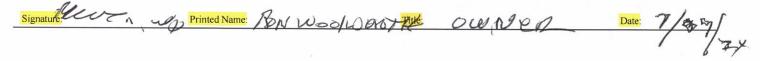
PRS will review this document and depending on how complete this document is we will reply with needing more information or an active profile.

Please allow 2 to 3 days for a response.

8. Generator Certification

By signing this profile sheet, the generator (representative or agent) certifies that all of the information submitted on this profile, attached documentation, and any clarifications, additions or modifications made, are correct and true. In addition, generator agrees to the following requirements and conditions:

- The generator or the person arranging the disposal of the waste being tendered has personal knowledge of the contents of the waste stream and does not suspect or know of any hazardous or dangerous wastes that may be connected in any manner with the waste stream being tendered herewith, including but not limited to any measurable quantities of polychlorinated biphenyls (PCB's), Washington state listed, Dangerous, or Hazardous Waste, nor any US EPA hazardous, or dangerous wastes or by reference to US EPA rules 40 CFR Part 261, subpart C.
- 2. All relevant information that may give light as to the designation of this waste stream has been made available to PRS. The signer certifies the profile sheet, associated questionnaire and attendant documents are accurate, true and correct.
- 3. When samples are required of the generator or agent the sample is certified to be representative, true and accurate sample of the waste stream
- 4. Generator and/or arranger agree to be responsible for an indemnity and hold PRS harmless and indemnify PRS for any damages, expenses, processing non-conforming wastes to PRS.
- 5. PRS will take samples (Retains) and may analyze waste materials tendered. Internal sampling and analysis is the sole property of PRS Group.



9. Profile Recertification (If Renewing Existing Profile)

Profile # to Renew:
There has been a change in the characteristics of the waste stream due to the following:
 A. Change in the physical characteristic of the waste B. Change in the waste generating process itself C. Change of a raw material used in the waste generating process
IF any of these changes have occurred, a new questionnaire must be completed, and new analysis and /or SDS must be provided as appropriate
There have been no changes that would alter the physical characteristics of the waste stream. Updated analytical may be required
Representative Sample Certification
No sample taken
Sample taken Type of sample
Service Provider Contact
Name & Email Northern Environmental, Marie Holt, Marie@NorthernEnv.com
Certification
I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazardous have been disclosed. All Analytical Results/Safety Data Sheets submitted are truthful and complete and are representative of the waste.
I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified a toxic waste, hazardous waste or infectious waste, or any other pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from the certification being inaccurate or untrue.
Generator Name Title
Dota .