Associated Environmental Group, LLC

May 20, 2021

Mr. Jaskaran Singh
First Job Naches, LLC
10121 Highway 12
Naches, Washington 98937-9785
karan1707@hotmail.com

RE: ***Well Installation & April 2021 Groundwater Monitoring Report***
Naches Pit Stop
10121 Highway 12
Naches, Washington 98937-9785

Dear Mr. Singh:

Associated Environmental Group, LLC (AEG) has prepared this ***Well Installation & April 2021 Groundwater Monitoring Report***, presenting a summary of the latest activities performed at the *Naches Pit Stop*, located at the above address in Naches, Washington (Site). The location of the Site is illustrated on Figure 1, *Vicinity Map*. Locations of Site features, monitoring wells, and groundwater gradients determined at the time of this sampling event are detailed in Figure 2, *Groundwater Elevation Contour Map 04/13/2021*.

WORK PERFORMED [March/April 2021]:

- Installed two additional monitoring wells (MW-12 and MW-13).
- Obtained depth to groundwater data in six groundwater wells (MW-6, MW-9, MW-10, MW-11, MW-12, and MW-13).
- Purged and sampled six groundwater monitoring wells (MW-6, MW-9, MW-10, MW-11, MW-12, and MW-13).

WORK PROPOSED [July 2021]:

- Obtain depth to groundwater data in all Site groundwater wells (MW-1 through MW-13).
- Purge and sample six groundwater monitoring wells (MW-6, MW-9, MW-10, MW-11, MW-12, and MW-13).

On March 16, 2021, AEG provided oversight during the installation of MW-12 and MW-13 by Cascade Drilling. Well MW-13 was installed along the property boundary adjacent to previous borings B-4 and B-6 where gasoline-range petroleum hydrocarbons (TPH) were detected in soil and/or groundwater. Well MW-12 was installed within the Highway 12 right-of-way (ROW) downgradient of MW-13. Soil samples were collected from each of the well borings and submitted

for laboratory analysis for gasoline-, diesel-, and oil-range TPH, and benzene, toluene, ethylbenzene, and xylenes (BTEX). Analytical results of the soil samples indicated the presence of gasoline and benzene in MW-13 at 20 feet below ground surface (bgs); however, results were non-detect at 15 and 25 feet bgs. Soil results for MW-12 were all non-detect. A summary of the analytical results of the soil samples is presented in Table 1, *Summary of Soil Analytical Results*. The well logs for these two wells, as well as the full laboratory analytical results for the soil samples collected, are presented in the attached Appendix A, Supporting Documents, *Well Logs*, *Laboratory Datasheets*.

GROUNDWATER SUMMARY:

On April 13, 2021, the two newly installed wells along with selected surrounding wells were gauged and sampled.

Sampling Event:	April 2021	Values
Range of Depths to Groundwater:	11.40 to 12.91	Feet below top of well casing (Table 2, *Summary of Groundwater Elevations*)
Range of Groundwater Elevations:	1451.09 to 1452.42	Feet above Mean Sea Level (Table 2, *Summary of Groundwater Elevations*)
Groundwater Gradient: (Direction / Magnitude)	East-Southeast / 0.05	Feet per foot (ft/ft)
Measurable NAPL Detected:	No	
Measurable NAPL Thickness:	N/A	
Current Remedial Action:	None	

DISCUSSION:

Constituents of concern were not detected in any monitoring wells during the April 2021 sampling event. Analytical results for this sampling event, and historical analytical results, are presented in the attached Table 3, *Summary of Groundwater Analytical Results*. Full laboratory analytical results for this sampling are presented in the attached Appendix A, Supporting Documents, *Laboratory Datasheets*.

The calculated groundwater gradient for the April 2021 sampling event is primarily towards the east, with an approximate gradient of 0.05 feet per foot (Figure 2, *Groundwater Elevation Contour Map 04/13/2021*).

CONCLUSIONS:

Gasoline and benzene were detected in soil at 20 feet bgs in the boring for MW-13; however, soil was non-detect at 15 and 25 feet bgs in the same boring. No soil impacts were detected in MW-12, which was advanced downgradient in the Highway 12 ROW. Further, analytical results of

groundwater samples collected from the wells were all non-detect, which demonstrates the soil impacts at MW-13 are not partitioning into groundwater.

Another groundwater monitoring event is planned for July 2021 to provide additional empirical data.

CLOSING:

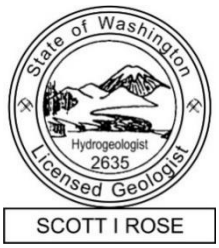
AEG has completed this monitoring event at the Site. Thank you for the opportunity to provide you with environmental consulting services. Should you have questions or require additional information, please contact our office at 360-352-9835.

Sincerely,

Associated Environmental Group, LLC

John Schenk
Staff Scientist

Scott Rose, L.H.G.
Senior Hydrogeologist



Attachments: Figure 1 – *Vicinity Map*
Figure 2 – *Groundwater Elevation Contour Map 04/13/2021*

Table 1 – *Summary of Soil Analytical Results*
Table 2 – *Summary of Groundwater Elevations*
Table 3 – *Summary of Groundwater Analytical Results*

Appendix A – Supporting Documents

Well Logs
Laboratory Datasheets

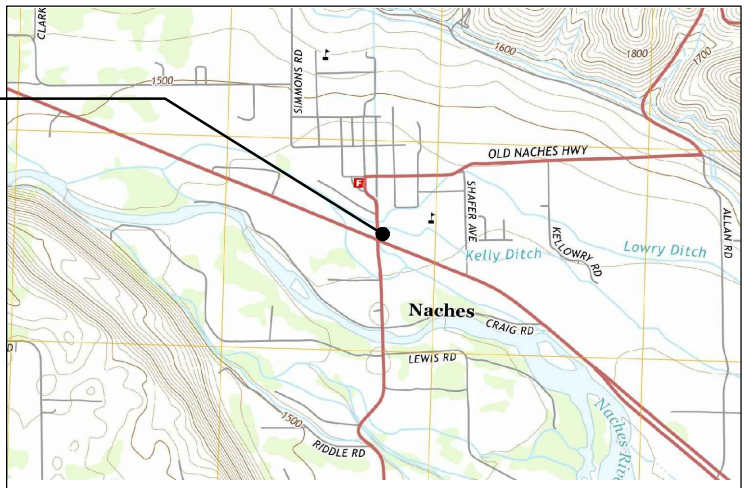
FIGURES

2633 Parkmont Lane SW, Suite A • Olympia, WA • 98502-5751
Phone: 360-352-9835 • Fax: 360-352-8164 • Email: admin@aegwa.com

FILENAME	DRAWN BY		CHECKED BY		APPROVED BY		PROJECT NUMBER
16-102_15Q4.DWG	ICD	2/1/2016	BD	2/1/2016	BD	2/1/2016	16-102

N
W E
S

PROJECT LOCATION



VICINITY MAP

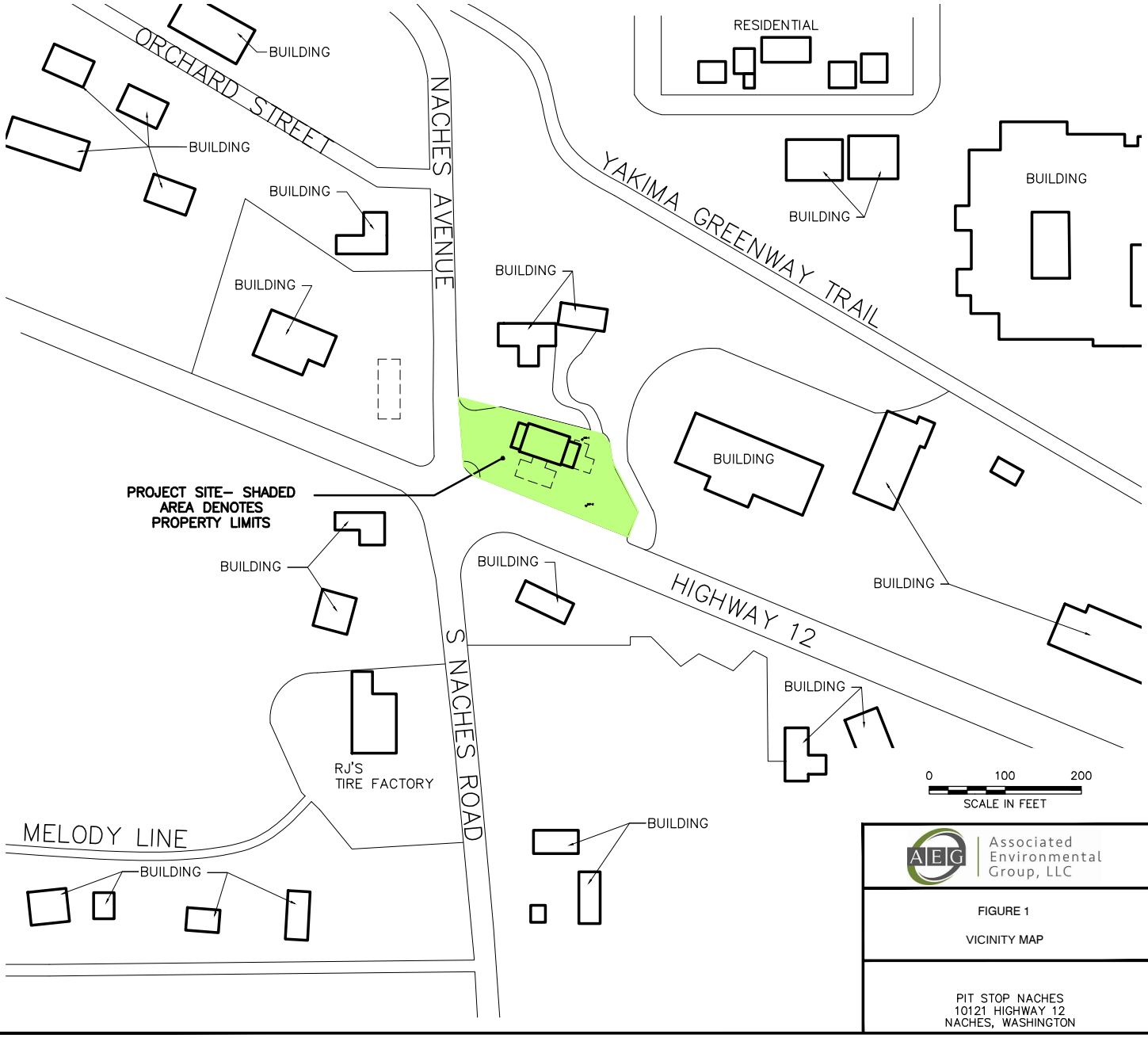
0 1,500 3,000
SCALE IN FEET

NOTES

1. THE LOCATIONS OF ALL FEATURES SHOWN ARE APPROXIMATE
2. THIS DRAWING IS FOR INFORMATION PURPOSES. IT IS INTENDED TO ASSIST IN SHOWING FEATURES DISCUSSED IN AN ATTACHED DOCUMENT.

REFERENCE

DRAWING CREATED FROM AERIAL PHOTOGRAPH AND NOTES PROVIDED BY AEG, LLC.
VICINITY IMAGE SOURCE: U.S. GEOLOGICAL SURVEY–2013, 7.5 MINUTE QUADRANGLE MAP NACHES, WASHINGTON



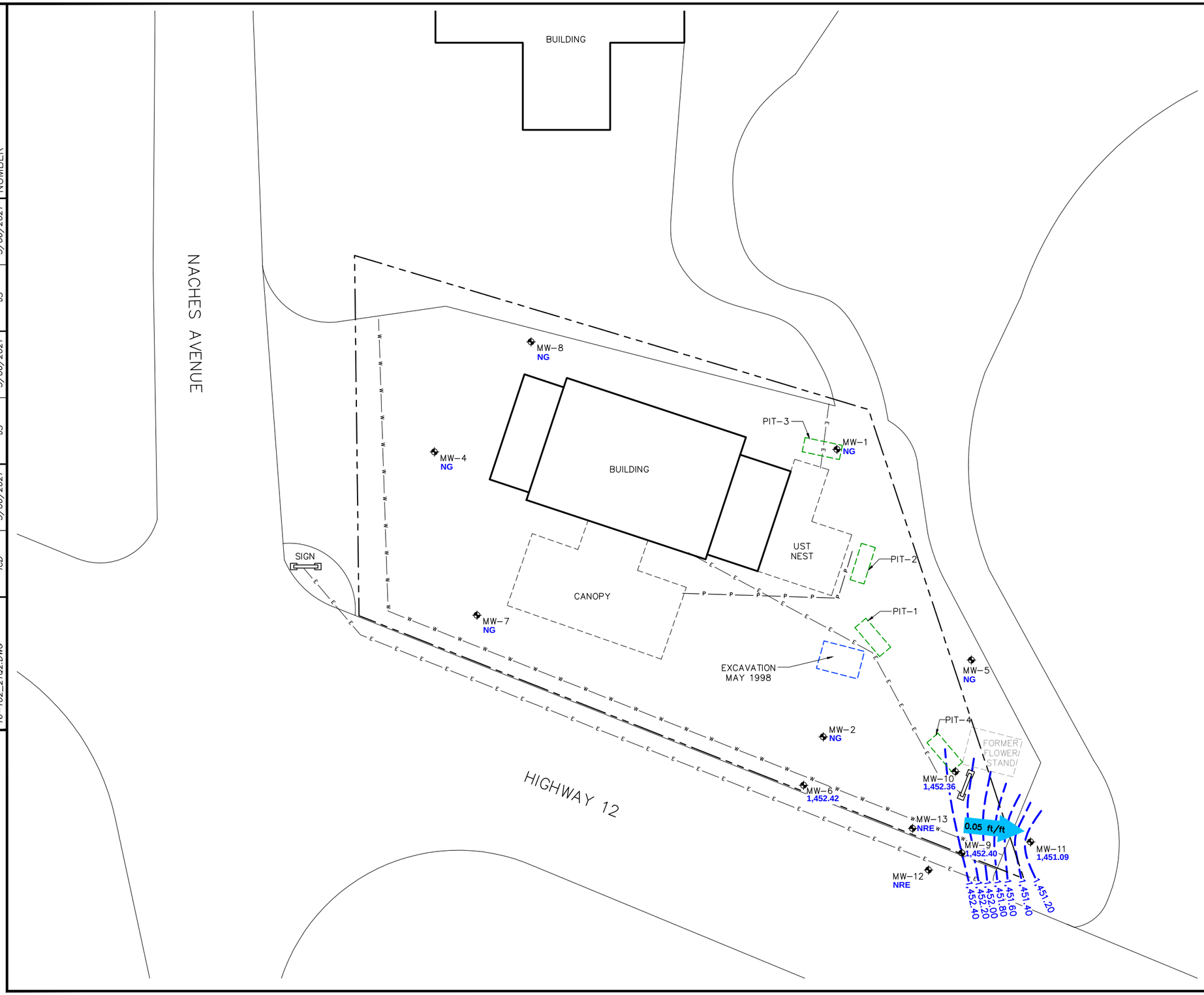
Associated Environmental Group, LLC

FIGURE 1

VICINITY MAP

PIT STOP NACHES
10121 HIGHWAY 12
NACHES, WASHINGTON

FILENAME	DRAWN BY	CHECKED BY	APPROVED BY	PROJECT NUMBER
16-102_2102.DWG	ICD 5/06/2021	JS 5/06/2021	JS 5/06/2021	16-102



N
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LEGEND

- PROPERTY LINE
- MW-1 — GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- E — E — ELECTRIC LINE
- W — W — WATER LINE
- P — P — PRODUCT LINE
- 1991 TEST PIT
- 1,452.36 — GROUNDWATER ELEVATION (FEET)
- 1,452.00 — INFERRED GROUNDWATER ELEVATION CONTOUR LINE (FEET) CONTOUR INTERVAL=0.20 FEET
- 0.05 ft/ft — APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)
- NRE — NO REFERENCE ELEVATION
- NG — NOT GAUGED

NOTES

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REFERENCE

DRAWING CREATED FROM AERIAL PHOTOGRAPH AND NOTES PROVIDED BY AEG, LLC.

0 15 30
SCALE IN FEET

Associated Environmental Group, LLC

FIGURE 2

GROUNDWATER ELEVATION CONTOUR MAP
04/13/2021

PIT STOP NACHES
10121 HIGHWAY 12
NACHES, WASHINGTON

TABLES

2633 Parkmont Lane SW, Suite A • Olympia, WA • 98502-5751
Phone: 360-352-9835 • Fax: 360-352-8164 • Email: admin@aegwa.com

Table 1 - Summary of Soil Analytical Results
Naches Pit Stop
Naches, Washington

Sample Number	Depth Collected (feet)	Date Collected	Total Petroleum Hydrocarbons			Volatile Organic Compounds								Lead
			Gasoline	Diesel	Heavy Oil	Benzene	Toluene	Ethyl-benzene	Xylenes	EDC	EDB	Total Naphthalenes	MTBE	
MW1-13	13.0	1/21/2016	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--
MW1-15	15.0	1/21/2016	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--
MW2-8	8.0	1/21/2016	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--
MW2-13	13.0	1/21/2016	<10	**1,400**	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--
MW2-15	15.0	1/21/2016	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--
MW3-10	10.0	1/21/2016	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--
MW4-5	5.0	5/24/2016	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	<0.03	<0.005	<0.10	<0.05	<5.0
MW4-10	10.0	5/24/2016	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	<0.03	<0.005	<0.10	<0.05	<5.0
MW5-5	5.0	5/23/2016	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
MW5-10	10.0	5/23/2016	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
MW6-5	5.0	5/23/2016	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
MW6-10	10.0	5/23/2016	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
MW7-5a	5.0	5/24/2016	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	<0.03	<0.005	<0.10	<0.05	<5.0
MW7-6	6.0	5/24/2016	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	<0.03	<0.005	<0.10	<0.05	<5.0
MW7-10	10.0	5/24/2016	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	<0.03	<0.005	<0.10	<0.05	<5.0
MW8-5	5.0	5/24/2016	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
MW8-10	10.0	5/24/2016	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
MW8-15	15.0	5/24/2016	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
MW8-20	20.0	5/24/2016	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
B1-3	3.0	3/28/2017	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	<5.0
B1-8	8.0	3/28/2017	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	<5.0
B1-10	10.0	3/28/2017	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	<5.0
B1-15	15.0	3/28/2017	<10	**294**	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	**7.1**
B2-3	3.0	3/28/2017	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	<5.0
B2-9	9.0	3/28/2017	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	<5.0
B3-4	4.0	3/28/2017	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	**12.6**
B3-9	9.0	3/28/2017	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	**8.5**
B4-5	5.0	9/13/2017	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	**9.1**
B4-14	14.0	9/13/2017	**464**	**258**	<250	**0.021**	<0.10	**2.6**	**4.73**	--	--	--	--	<5.0
B4-20	20.0	9/13/2017	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
B5-6	6.0	9/13/2017	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	<5.0
B5-15	15.0	9/13/2017	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	<5.0
MW9-5	5.0	9/13/2017	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	<5.0
MW9-15	15.0	9/13/2017	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	<5.0
MW9-20	20.0	9/13/2017	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	<5.0
B6-15	15.0	4/17/2020	**1,620**	**1,070**	<250	<0.02	<0.10	**2.9**	**1.6**	--	--	--	--	--
B6-20	20.0	4/17/2020	**19**	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
B6-25	25.0	4/17/2020	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
MW10-14	14.0	4/17/2020	<10	**480**	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
MW10-20	20.0	4/17/2020	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
MW11-15	15.0	4/20/2020	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
MW12-15	15.0	3/16/2021	<10	<50	**390**	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
MW12-20	20.0	3/16/2021	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
MW12-25	25.0	3/16/2021	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
MW13-15	15.0	3/16/2021	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
MW13-20	20.0	3/16/2021	**560**	**280**	<250	**0.34**	**0.18**	**3.2**	**1.3**	--	--	--	--	--
MW13-25	25.0	3/16/2021	<10	<50	<250	<0.02	<0.10	<0.05	<0.15	--	--	--	--	--
PQL			10	50	100 / 250	0.02	0.05 / 0.10	0.05	0.15	0.03	0.005	0.10	0.05	5.0
MTCA Method A Cleanup Levels			30*	2,000	2,000	0.03	7	6	9	11**	0.005	5.0	0.1	250

Notes:
All values reported in milligrams per kilogram (mg/kg)
-- = Not analyzed for constituent
< = Not detected at the listed laboratory detection limits
PQL = Practical Quantification Limit (laboratory detection limit)
Red Bold indicates the detected concentration exceeds Ecology MTCA Method A cleanup level
Bold indicates the detected concentration is below Ecology MTCA Method A cleanup levels
* TPH-Gasoline cleanup level with presence of Benzene anywhere at the Site
** No MTCA Method A cleanup level established, Method B cleanup level used

MTBE = Methyl tert-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane

Table 2 - Summary of Groundwater Elevations
Naches Pit Stop
Naches, Washington

Well No./ TOC Elevation	Date	Depth to Water	Depth to Free Product	Free Product Thickness	Apparent Groundwater Elevation	Actual Groundwater Elevation	Change in Elevation
MW-1	5/27/2016	10.60	--	--	--	1454.47	--
1465.07	9/28/2016	10.36	--	--	--	1454.71	0.24
	3/27/2017	10.30	--	--	--	1454.77	0.06
	12/20/2017	10.93	--	--	--	1454.14	-0.63
	3/27/2018	10.24	--	--	--	1454.83	0.69
	5/8/2020	10.16	--	--	--	1454.91	0.08
MW-2	5/27/2016	10.83	--	--	--	1453.65	--
1464.48	9/28/2016	10.67	--	--	--	1453.81	0.16
	3/27/2017	10.86	--	--	--	1453.62	-0.19
	12/20/2017	11.21	--	--	--	1453.27	-0.35
	3/27/2018	11.20	--	--	--	1453.28	0.01
	5/8/2020	10.72	--	--	--	1453.76	0.48
MW-4	5/27/2016	10.79	--	--	--	1454.86	--
1465.65	9/28/2016	10.68	--	--	--	1454.97	0.11
	3/27/2017	10.66	--	--	--	1454.99	0.02
	12/20/2017	11.71	--	--	--	1453.94	-1.05
	3/27/2018	10.63	--	--	--	1455.02	1.08
	5/8/2020	10.41	--	--	--	1455.24	0.22
MW-5	5/27/2016	10.83	--	--	--	1453.25	--
1464.08	9/28/2016	10.68	--	--	--	1453.40	0.15
	3/27/2017	11.14	--	--	--	1452.94	-0.46
	12/20/2017	11.78	--	--	--	1452.30	-0.64
	3/27/2018	11.05	--	--	--	1453.03	0.73
	5/8/2020	10.72	--	--	--	1453.36	0.33
MW-6	5/27/2016	11.84	--	--	--	1452.89	--
1464.73	9/28/2016	11.57	--	--	--	1453.16	0.27
	3/27/2017	11.92	--	--	--	1452.81	-0.35
	12/20/2017	12.62	--	--	--	1452.11	-0.70
	3/27/2017	12.48	--	--	--	1452.25	0.14
	5/8/2020	11.69	--	--	--	1453.04	0.79
	4/13/2021	12.31	--	--	--	1452.42	-0.62
MW-7	5/27/2016	10.43	--	--	--	1454.81	--
1465.24	9/28/2016	10.33	--	--	--	1454.91	0.10
	3/27/2017	10.27	--	--	--	1454.97	0.06
	12/20/2017	10.98	--	--	--	1454.26	-0.71
	3/27/2018	10.26	--	--	--	1454.98	0.72
	5/8/2020	10.00	--	--	--	1455.24	0.26

Table 2 - Summary of Groundwater Elevations
Naches Pit Stop
Naches, Washington

Well No./ TOC Elevation	Date	Depth to Water	Depth to Free Product	Free Product Thickness	Apparent Groundwater Elevation	Actual Groundwater Elevation	Change in Elevation
MW-8	5/27/2016	10.14	--	--	--	1455.24	--
1465.38	9/28/2016	10.04	--	--	--	1455.34	0.10
	3/27/2017	10.02	--	--	--	1455.36	0.02
	12/20/2017	10.72	--	--	--	1454.66	-0.70
	3/27/2018	9.97	--	--	--	1455.41	0.75
	5/8/2020	9.77	--	--	--	1455.61	0.20
MW-9	5/8/2020	11.50	--	--	--	1452.96	--
1464.46	4/13/2021	12.06	--	--	--	1452.40	-0.56
MW-10	5/8/2020	10.78	--	--	--	1452.98	--
1463.76	4/13/2021	11.40	--	--	--	1452.36	-0.62
MW-11	5/8/2020	12.22	--	--	--	1451.78	--
1464.00	4/13/2021	12.91	--	--	--	1451.09	-0.69
MW-12	4/13/2021	12.46	--	--	--		--
--							
MW-13	4/13/2021	11.69	--	--	--		--
--							

Notes:
All values in feet
TOC = Top of casing elevation relative to assigned benchmark.
-- = Not measured, not available, or not applicable
* = Ceased groundwater monitoring/sampling activities at this well

Table 3 - Summary of Groundwater Analytical Results
Naches Pit Stop
Naches, Washington

Sample Number	Date Collected	Total Petroleum Hydrocarbons			Volatile Organic Compounds								Total Lead	Dissolved Lead	Cadmium	Chromium	Arsenic	Mercury
		Gasoline	Diesel	Heavy Oil	Benzene	Toluene	Ethyl-benzene	Xylenes	EDC	EDB	Total Naphthalenes	MTBE						
MONITORING WELL DATA																		
MW-1	5/27/2016	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	9/28/2016	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<5.0	<5.0	--	--	--	--
	3/27/2017	<100	<200	<400	**1.1**	<2.0	<1.0	**3.1**	--	--	--	--	<5.0	<5.0	--	--	--	--
	12/21/2017	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	3/27/2018	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	5/8/2020	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
MW-2	1/21/2016	**3,000**	**61,000**	<500	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--
	5/27/2016	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	9/28/2016	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<5.0	<5.0	--	--	--	--
	3/27/2017	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<5.0	<5.0	--	--	--	--
	12/20/2017	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	3/27/2018	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	5/8/2020	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
MW-4	5/27/2016	<100	<200	<400	<1.0	<1.0	<1.0	<2.0	<1.0	<0.01	<5.0	<5.0	**84**	--	<0.5	<5.0	<3.0	<0.5
	9/28/2016	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<5.0	<5.0	--	--	--	--
	3/27/2017	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<5.0	<5.0	--	--	--	--
	12/21/2017	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	5/8/2020	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
MW-5	5/27/2016	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	9/28/2016	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<5.0	<5.0	--	--	--	--
	3/27/2017	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<5.0	<5.0	--	--	--	--
	12/21/2017	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	3/27/2018	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	5/8/2020	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
MW-6	5/27/2016	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	9/28/2016	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<5.0	<5.0	--	--	--	--
	3/27/2017	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<5.0	<5.0	--	--	--	--
	12/21/2017	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	3/27/2018	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	5/8/2020	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	4/14/2021	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--

Table 3 - Summary of Groundwater Analytical Results
Naches Pit Stop
Naches, Washington

Sample Number	Date Collected	Total Petroleum Hydrocarbons			Volatile Organic Compounds								Total Lead	Dissolved Lead	Cadmium	Chromium	Arsenic	Mercury
		Gasoline	Diesel	Heavy Oil	Benzene	Toluene	Ethyl-benzene	Xylenes	EDC	EDB	Total Naphthalenes	MTBE						
MW-7	5/27/2016	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	<1.0	<0.01	<5.0	<5.0	**102**	--	<0.5	<5.0	<3.0	<0.5
	9/28/2016	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	**6.4**	<5.0	--	--	--	--
	3/27/2017	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<5.0	<5.0	--	--	--	--
	12/21/2017	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	5/8/2020	<100	<200	<400	<1.0	<2.0	**2.7**	<2.0	--	--	--	--	--	--	--	--	--	--
MW-8	5/27/2016	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	9/28/2016	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<5.0	<5.0	--	--	--	--
	3/27/2017	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<5.0	<5.0	--	--	--	--
	12/21/2017	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	5/8/2020	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
MW-9	9/13/2017	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<5.0	<5.0	--	--	--	--
	12/21/2017	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	5/8/2020	**120**	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	4/14/2021	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
MW-10	5/8/2020	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	4/14/2021	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
MW-11	5/8/2020	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
	4/14/2021	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
MW-12	4/14/2021	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--
MW-13	4/14/2021	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--

Table 3 - Summary of Groundwater Analytical Results
Naches Pit Stop
Naches, Washington

Sample Number	Date Collected	Total Petroleum Hydrocarbons			Volatile Organic Compounds								Total Lead	Dissolved Lead	Cadmium	Chromium	Arsenic	Mercury
		Gasoline	Diesel	Heavy Oil	Benzene	Toluene	Ethyl-benzene	Xylenes	EDC	EDB	Total Naphthalenes	MTBE						
BORING GROUNDWATER																		
B-1	3/28/2017	<100	**29,700**	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	**12.9**	<5.0	--	--	--	--
B-2	3/28/2017	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	**19.9**	<5.0	--	--	--	--
B-5	9/13/2017	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<5.0	<5.0	--	--	--	--
B6-W	4/17/2020	**9,180**	**1,390**	<400	<2.0	<10.0	**68**	**44**	--	--	--	--	--	--	--	--	--	--
PQL		100	200	400	1.0	1.0 / 2.0	1.0	2.0 / 3.0	1.0	0.01	5.0	5.0	5.0	5.0	0.5	5.0	3.0	0.5
MTCA Method A Cleanup Levels		800*	500	500	5.0	1,000	700	1,000	5	0.01	160	20	15	15	2	19	20	2

Notes:
All values in micrograms per liter (µg/L)
-- = Not analyzed for constituent
< = Not detected at the listed laboratory detection limits
PQL = Practical Quantification Limit (laboratory detection limit)
Red Bold indicates the detected concentration exceeds Ecology MTCA Method A cleanup level
Bold indicates the detected concentration is below Ecology MTCA Method A cleanup levels
* TPH-Gasoline Cleanup Level with presence of Benzene anywhere at the Site
MTBE = Methyl tert-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane

APPENDIX A

Supporting Documents:

Well Logs
Laboratory Datasheets

2633 PARKMONT LANE SW SUITE A • OLYMPIA, WA • 98502-5751
Phone: 360.352.9835 • Fax: 360.352.8164 • Email: admin@aegwa.com

Associated Environmental Group, LLC

Client:	**AEG-CLIENTS**	**WELL LOG**	
Project:	**16-102**	**Well No.**	**MW-12**
Address:	**10121 Highway 12, Naches, WA**	**Page:**	**1 of 2**

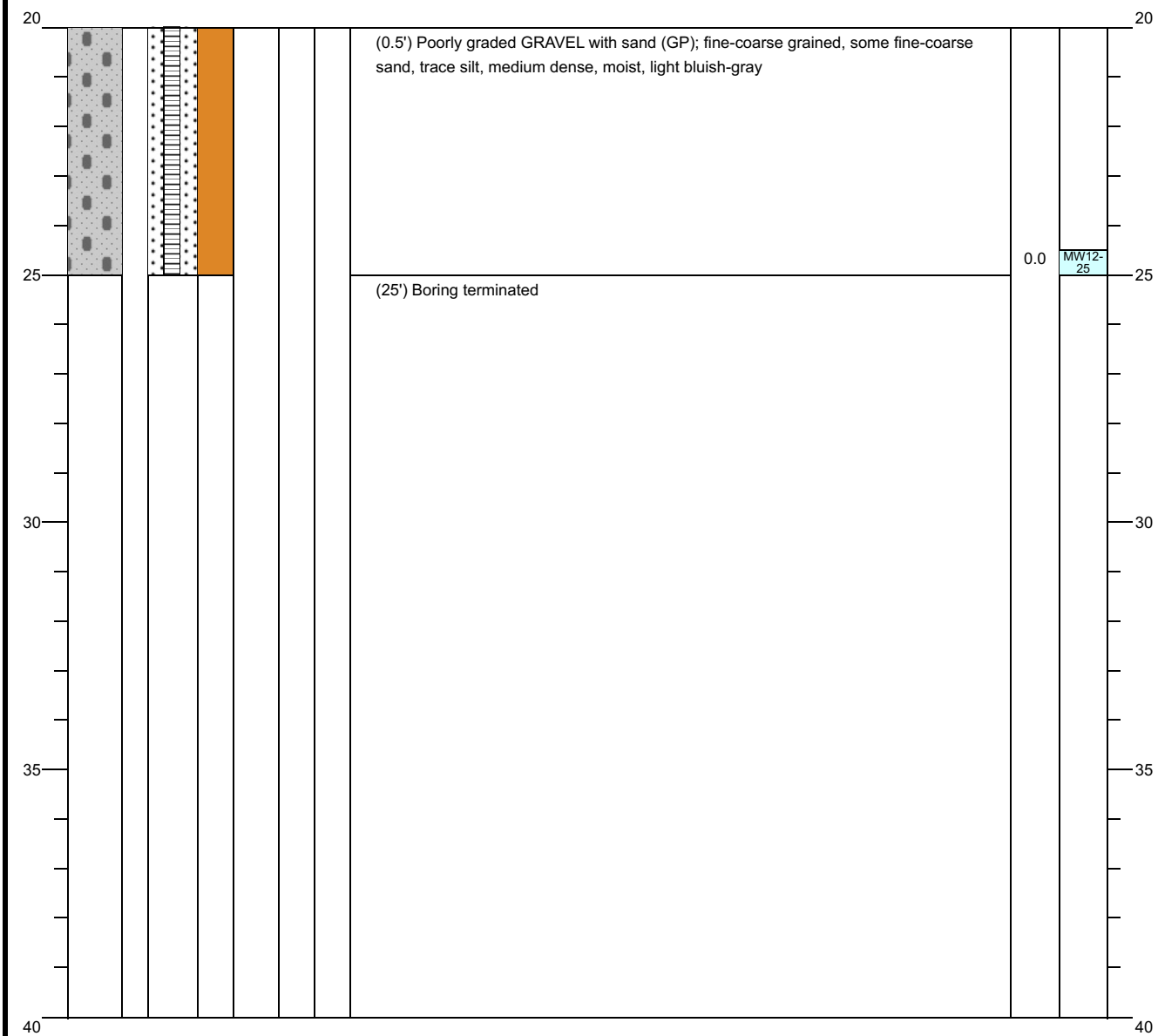
Drilling Start Date:	**03/16/2021 07:20**	Boring Depth (ft):	**25.0**	Well Depth (ft):	**25.0**
Drilling End Date:	**03/16/2021 09:15**	Boring Diameter (in):	**6.00**	Well Diameter (in):	**2.0**
Drilling Company:	**Cascade**	Sampling Method(s):	**Grab**	Screen Slot (in):	**0.001**
Drilling Method:	**Sonic**	DTW During Drilling (ft):	**19.0**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**Track Mounted Sonic Rig**	DTW After Drilling (ft):	**N/A**	Screen Material:	**Sch 40 PVC Slotted**
Driller:	**Danny R.**	Ground Surface Elev. (ft):		Seal Material(s):	**Bent. Chips**
Logged By:	**B Dilba**	Location (Lat, Long):		Filter Type:	**Sand**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR	07:49		10.00	(0') Asphalt (0.5') Poorly graded GRAVEL with sand (GP); fine-coarse grained, some fine-coarse sand, trace silt, medium dense, moist, light bluish-gray			0
5									0.0	MW12-5	5
10				GR	08:08		5.00		0.0	MW12-10	10
15				GR	08:10		10.00		0.5	MW12-15	15
20									1.1	MW12-20	20

NOTES: Ecology Well Tag#BLZ-253

Associated Environmental Group, LLC	Client: AEG-CLIENTS	WELL LOG
	Project: 16-102	Well No. MW-12
	Address: 10121 Highway 12, Naches, WA	Page: 2 of 2

Drilling Start Date:	03/16/2021 07:20	Boring Depth (ft):	25.0	Well Depth (ft):	25.0
Drilling End Date:	03/16/2021 09:15	Boring Diameter (in):	6.00	Well Diameter (in):	2.0
Drilling Company:	Cascade	Sampling Method(s):	Grab	Screen Slot (in):	0.001
Drilling Method:	Sonic	DTW During Drilling (ft):	19.0	Riser Material:	Sch 40 PVC
Drilling Equipment:	Track Mounted Sonic Rig	DTW After Drilling (ft):	N/A	Screen Material:	Sch 40 PVC Slotted
Driller:	Danny R.	Ground Surface Elev. (ft):		Seal Material(s):	Bent. Chips
Logged By:	B Dilba	Location (Lat, Long):		Filter Type:	Sand



NOTES: Ecology Well Tag#BLZ-253

Associated Environmental Group, LLC

Client:	**AEG-CLIENTS**	**WELL LOG**	
Project:	**16-102**	**Well No.**	**MW-13**
Address:	**10121 Highway 12, Naches, WA**	**Page:**	**1 of 2**

Drilling Start Date:	**03/16/2021 09:27**	Boring Depth (ft):	**25.0**	Well Depth (ft):	**25.0**
Drilling End Date:	**03/16/2021 09:53**	Boring Diameter (in):	**6.00**	Well Diameter (in):	**2.0**
Drilling Company:	**Cascade**	Sampling Method(s):	**Grab**	Screen Slot (in):	**0.001**
Drilling Method:	**Sonic**	DTW During Drilling (ft):	**19.0**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**Track Mounted Sonic Rig**	DTW After Drilling (ft):	**N/A**	Screen Material:	**Sch 40 PVC Slotted**
Driller:	**Danny R.**	Ground Surface Elev. (ft):		Seal Material(s):	**Bent. Chips**
Logged By:	**B Dilba**	Location (Lat, Long):		Filter Type:	**Sand**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR	09:45		10.00	(0') Asphalt (0.5') Poorly graded GRAVEL with sand (GP); fine-coarse grained, some fine-coarse sand, trace silt, medium dense, moist, light bluish-gray			0
5									1.4	MW13-5	5
10				GR	09:48		2.00		0.8	MW13-10	10
15				GR	09:50		10.00		1.1	MW13-15	15
20										MW13-20	20

NOTES: Ecology Well Tag# BLZ-252

Associated Environmental Group, LLC

Client:	**AEG-CLIENTS**	**WELL LOG**	
Project:	**16-102**	**Well No.**	**MW-13**
Address:	**10121 Highway 12, Naches, WA**	**Page:**	**2 of 2**

Drilling Start Date:	**03/16/2021 09:27**	Boring Depth (ft):	**25.0**	Well Depth (ft):	**25.0**
Drilling End Date:	**03/16/2021 09:53**	Boring Diameter (in):	**6.00**	Well Diameter (in):	**2.0**
Drilling Company:	**Cascade**	Sampling Method(s):	**Grab**	Screen Slot (in):	**0.001**
Drilling Method:	**Sonic**	DTW During Drilling (ft):	**19.0**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**Track Mounted Sonic Rig**	DTW After Drilling (ft):	**N/A**	Screen Material:	**Sch 40 PVC Slotted**
Driller:	**Danny R.**	Ground Surface Elev. (ft):		Seal Material(s):	**Bent. Chips**
Logged By:	**B Dilba**	Location (Lat, Long):		Filter Type:	**Sand**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
20								(0.5') Poorly graded GRAVEL with sand (GP); fine-coarse grained, some fine-coarse sand, trace silt, medium dense, moist, light bluish-gray	98.0		20
25								(25') Boring terminated		MW13-25	25
30											30
35											35
40											40

NOTES: Ecology Well Tag# BLZ-252

Libby Environmental, Inc.
3322 South Bay Road NE • Olympia, WA 98506-2957

March 23, 2021

Becky Dilba
Associated Environmental Group, LLC
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Dear Ms. Dilba:

Please find enclosed the analytical data report for the Naches Pit Stop Project located in Naches, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 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 give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@gmail.com

Libby Environmental, Inc.

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

NACHES PIT STOP PROJECT
AEG, LLC
Naches, Washington
Libby Project # L210316-1
Client Project # 16-102

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8021B) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	3/16/2021	nd	nd	nd	nd	nd	86
Method Blank	3/17/2021	nd	nd	nd	nd	nd	95
LCS	3/16/2021	81%	94%	94%	105%		89
LCS	3/17/2021	89%	114%	90%	107%		75
MW12-15	3/16/2021	nd	nd	nd	nd	nd	99
MW12-20	3/16/2021	nd	nd	nd	nd	nd	88
MW12-25	3/16/2021	nd	nd	nd	nd	nd	104
MW13-15	3/16/2021	nd	nd	nd	nd	nd	93
MW13-20	3/16/2021	0.32	0.14	1.6	0.74	210 E	126
MW13-20 Dup	3/16/2021	0.34	0.18	3.2	1.3	560	116
MW13-25	3/17/2021	nd	nd	nd	nd	nd	98
L210316-50 MS	3/16/2021	84%	103%	101%	115%		106
L210316-50 MSD	3/16/2021	81%	97%	98%	109%		102
L210317-50 MS	3/17/2021	80%	102%	99%	111%		96
L210317-50 MSD	3/17/2021	76%	95%	86%	101%		87
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.
"E" Reported result is an estimate because it exceeds the calibration range.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Melissa Harrington

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

NACHES PIT STOP PROJECT
AEG, LLC
Naches, Washington
Libby Project # L210316-1
Client Project # 16-102

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	3/22/2021	105	nd	nd
MW12-15	3/22/2021	132	nd	300
MW12-15 Dup	3/22/2021	135	nd	390
MW12-20	3/22/2021	107	nd	nd
MW12-25	3/22/2021	104	nd	nd
MW13-15	3/22/2021	104	nd	nd
MW13-20	3/22/2021	int	280	nd
MW13-25	3/22/2021	114	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Jenny Anderson

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

NACHES PIT STOP PROJECT
AEG, LLC
Libby Project # L210316-1
Date Received 3/16/2021
Time Received 12:50 PM

Received By MH

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

Log In

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)	2.4 °C		
8. Temperature of sample(s) (0°C to 8°C recommended)	7.1 °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. _____

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.com

Date: 3/16/21 Page: 1 of 1

Client: Aspect
Address:
City: State: Zip:
Phone: Fax:
Client Project # 110-102

Project Manager: B.D.
Project Name: Nacnes pit stop
Location: 10211 Hwy 12 City, State: Nacnes, WA
Collector: B.D Date of Collection: 3/16/21
Email: Bd.lbc@aegwa.com

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1	MW12-5	5	854	Soil	Voax2 Jar															
2	MW12-10	10	854																	
3	MW12-15	15	854					X	X		X									
4	MW12-20	20	855					X	X		X									
5	MW12-25	25	855					X	X		X									
6	MW13-5	5	946																	
7	MW13-10	10	947																	
8	MW13-15	15	953					X	X		X									
9	MW13-20	20	958					X	X		X									
10	MW13-25	25	1001					X	X		X									
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
[illegible]	3/16/21 1250	Melissa Hyte	3/16/21 1250
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 24HR 48HR (5-DAY)

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - ~~Originator~~

Libby Environmental, Inc.
3322 South Bay Road NE • Olympia, WA 98506-2957

April 19, 2021

Scott Rose
Associated Environmental Group, LLC
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Dear Mr. Rose:

Please find enclosed the analytical data report for the Naches Pit Stop Project located in Naches, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 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 give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@gmail.com

Libby Environmental, Inc.

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Email: libbyenv@gmail.com

NACHES PIT STOP PROJECT
AEG, LLC
Naches, Washington
Libby Project # L210415-3
Client Project # 16-102

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Water

Sample Description		Method Blank	MW-6	MW-9	MW-10	MW-11	MW-11 Dup
Date Sampled		N/A	4/14/2021	4/14/2021	4/14/2021	4/14/2021	4/14/2021
Date Analyzed	PQL (µg/L)	4/15/2021 (µg/L)	4/15/2021 (µg/L)	4/15/2021 (µg/L)	4/15/2021 (µg/L)	4/15/2021 (µg/L)	4/15/2021 (µg/L)
Benzene	1.0	nd	nd	nd	nd	nd	nd
Toluene	2.0	nd	nd	nd	nd	nd	nd
Ethylbenzene	1.0	nd	nd	nd	nd	nd	nd
Total Xylenes	2.0	nd	nd	nd	nd	nd	nd
Gasoline	100	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		106	97	104	93	102	108
1,2-Dichloroethane-d4		116	101	99	111	120	105
Toluene-d8		86	93	92	90	97	95
4-Bromofluorobenzene		80	89	84	91	89	86

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 65% TO 135%

ANALYSES PERFORMED BY: Melissa Harrington

Libby Environmental, Inc.

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NACHES PIT STOP PROJECT
AEG, LLC
Naches, Washington
Libby Project # L210415-3
Client Project # 16-102

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Water

Sample Description		MW-12	MW-13
Date Sampled		4/14/2021	4/14/2021
Date Analyzed	PQL (µg/L)	4/15/2021 (µg/L)	4/15/2021 (µg/L)
Benzene	1.0	nd	nd
Toluene	2.0	nd	nd
Ethylbenzene	1.0	nd	nd
Total Xylenes	2.0	nd	nd
Gasoline	100	nd	nd
Surrogate Recovery			
Dibromofluoromethane		97	98
1,2-Dichloroethane-d4		119	112
Toluene-d8		95	94
4-Bromofluorobenzene		70	86

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 65% TO 135%

ANALYSES PERFORMED BY: Melissa Harrington

Libby Environmental, Inc.

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NACHES PIT STOP PROJECT
AEG, LLC
Naches, Washington
Libby Project # L210415-3
Client Project # 16-102

QA/QC for Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Water

Matrix Spike Sample Identification: L210413-2

Date Analyzed: 4/15/2021

	Spiked Conc. (µg/L)	MS Response (µg/L)	MSD Response (µg/L)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Benzene	5.0	3.4	3.9	68	78	13.7	65-135	
Toluene	5.0	6.0	6.0	120	120	0.0	65-135	
Ethylbenzene	5.0	5.1	5.2	102	104	1.9	65-135	
Total Xylenes	15.0	15.4	16.2	103	108	5.1	65-135	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	76	90	65-135
1,2-Dichloroethane-d4	102	112	65-135
Toluene-d8	113	120	65-135
4-Bromofluorobenzene	124	115	65-135

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Melissa Harrington

Laboratory Control Sample

Date Analyzed: 4/15/2021

	Spiked Conc. (µg/L)	LCS Response (µg/L)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Benzene	5.0	4.7	94	80-120	
Toluene	5.0	4.6	92	80-120	
Ethylbenzene	5.0	4.9	98	80-120	
Total Xylenes	15.0	13.8	92	80-120	

Surrogate Recovery			
Dibromofluoromethane	108	65-135	
1,2-Dichloroethane-d4	100	65-135	
Toluene-d8	96	65-135	
4-Bromofluorobenzene	94	65-135	

ANALYSES PERFORMED BY: Melissa Harrington

Libby Environmental, Inc.

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NACHES PIT STOP PROJECT
AEG, LLC
Naches, Washington
Libby Project # L210415-3
Client Project # 16-102

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (µg/L)	Oil (µg/L)
Method Blank	4/16/2021	115	nd	nd
MW-6	4/16/2021	110	nd	nd
MW-9	4/16/2021	109	nd	nd
MW-10	4/16/2021	104	nd	nd
MW-11	4/16/2021	106	nd	nd
MW-12	4/16/2021	106	nd	nd
MW-13	4/16/2021	105	nd	nd
MW-13 Dup	4/16/2021	110	nd	nd
Practical Quantitation Limit			200	400

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Kory Dixon

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

NACHES PIT STOP PROJECT
AEG, LLC
Libby Project # L210415-3
Date Received 4/15/21 12:37

Received By KD

Sample Receipt Checklist

Chain of Custody

1. Is the Chain of Custody complete?	☑ Yes	☐ No	
2. How was the sample delivered?	☑ Hand Delivered	☐ Picked Up	☐ Shipped

Log In

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)	1.6 °C		
8. Temperature of sample(s) (0°C to 8°C recommended)	2.8 °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. _____

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 4/14/21 Page: 1 of 1

Client: AEG

Project Manager: Scott Rose

Address:

Project Name: Naches Pit Stop

City: State: Zip:

Location: 10121 Highway 12 City, State: Naches, VA

Phone: 360-352-9835 Fax:

Collector: Andrew Waser Date of Collection: 4/14/21

Client Project # 16-102

Email: srose@aegwa.com

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	NWTPH-Gx	BTEX ~~8021~~ 8260C	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals				Field Notes
1	MW-6	—	1012	Grab	Mixed		X	X		X											
2	MW-9	—	0915	Grab	Mixed		X	X		X											
3	MW-10	—	1109	Grab	Mixed		X	X		X											
4	MW-11	—	0849	Grab	Mixed		X	X		X											
5	MW-12	—	1041	Grab	Mixed		X	X		X											
6	MW-13	—	0946	Grab	Mixed		X	X		X											
7																					
8																					
9																					
10																					
11																					
12																					
13																					
14																					
15																					
16																					
17																					

Relinquished by:	Date / Time	Received by:	Date / Time
	4/15/21 1237		4/15/21 1237
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 24HR 48HR 5-DAY

Distribution: White - Lab, Yellow - File, Pink - Originator