July 15, 2023

Mr. Shad Bernhoft
Walls Property Management
5210 Russell Avenue NW #100
Seattle, Washington 98107-3921
shad@wallspropertymanagement.com

RE: ***April 2023 Groundwater Monitoring Report***
Chinook Development
1446 NW 53rd Street
Seattle, Washington 98107-3737
AEG Project No. 21-101
VCP ID No.: NW3324

Dear Mr. Bernhoft:

AEG Atlas, LLC (AEG) has prepared the enclosed report presenting the results of sampling activities performed at the above-referenced Site in Seattle, King County, Washington (Figure 1, *Site Vicinity Map*). Figure 2, *Site Map*, shows the locations of Site features, sampling locations, and monitoring wells.

WORK PERFORMED [April 2023]:

- Obtained depth to groundwater data in two groundwater wells (MW-4R and MW-5R).
- Purged and sampled two groundwater monitoring wells (MW-4R and MW-5R).

WORK PROPOSED FOR NEXT QUARTER [May-July 2023]:

- Finalize installation of sub-slab depressurization (SSD) system.
- Sample SSD system and indoor air.
- Pursue regulatory closure with the Washington State Department of Ecology.

GROUNDWATER SUMMARY:

Sampling Event:	April 2023	Values
Range of Depths to Groundwater:	7.06 to 8.61	Feet below top of well casing (Table 1, *Summary of Groundwater Elevations*)
Range of Groundwater Elevations:	N/A	Not calculated; only two wells remain in place
Groundwater Gradient: (Direction / Magnitude)	N/A	Not calculated; only two wells remain in place. Historically to the south.
Measurable NAPL Detected:	No	
Measurable NAPL Thickness:	N/A	
Current Remedial Action:	N/A	

DISCUSSION:

Constituents of concern (COCs) were detected in monitoring well MW-5R, but below the MTCA Method A cleanup level. Detected concentrations are summarized below. No COCs were detected above the laboratory detection limits in monitoring well MW-4R. Analytical results for this sampling event, and historical analytical results, are presented in the attached Table 2, *Summary of Groundwater Analytical Results*.

April 2022							
Well ID	Gasoline	Diesel	Heavy Oil	Benzene	Toluene	Ethyl-benzene	Xylenes
MW-5R	<100	**320**	<340	<1.0	<2.0	<1.0	<2.0
MTCA Method A Cleanup Levels	1,000	500	500	5	1,000	700	1,000

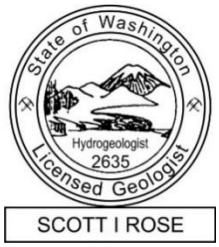
All results are in micrograms per liter (µg/L)
< = Indicates constituent was not detected at the listed detection limit.
Red Bold indicates the detected concentration exceeds Ecology MTCA Method A cleanup level.
Bold indicates the detected concentration is below Ecology MTCA Method A cleanup levels.

CLOSING:

AEG has completed the April 2023 monitoring event at the Site. Should you have questions or require additional information, please contact our office at (360) 352-9835.

Sincerely,

AEG Atlas, LLC



Scott Rose, L.H.G.
Director of Technical Services

Edvard Melesh
Staff Geologist

Attachments: Figure 1 – *Site Vicinity Map*
Figure 2 – *Site Map*

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

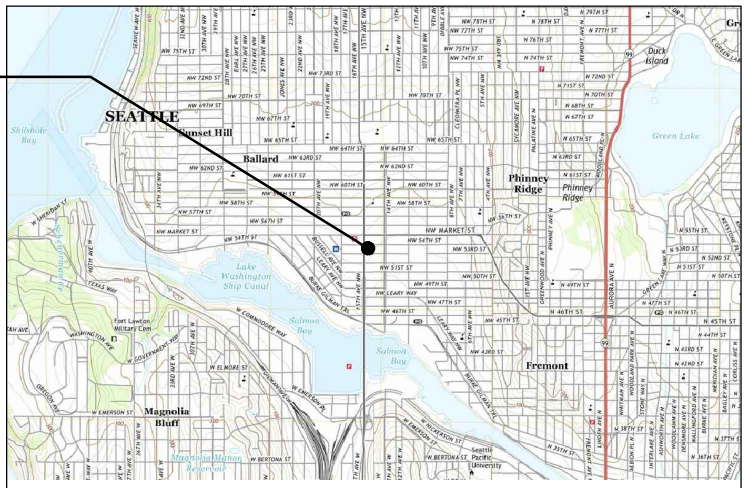
Appendix A – Supporting Documents
Laboratory Datasheets

FIGURES

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

FILENAME	DRAWN BY		CHECKED BY		APPROVED BY		PROJECT NUMBER
21-101_21Q2.DWG	ICD	6/8/2021	JS	6/8/2021	JS	6/8/2021	21-101

PROJECT LOCATION

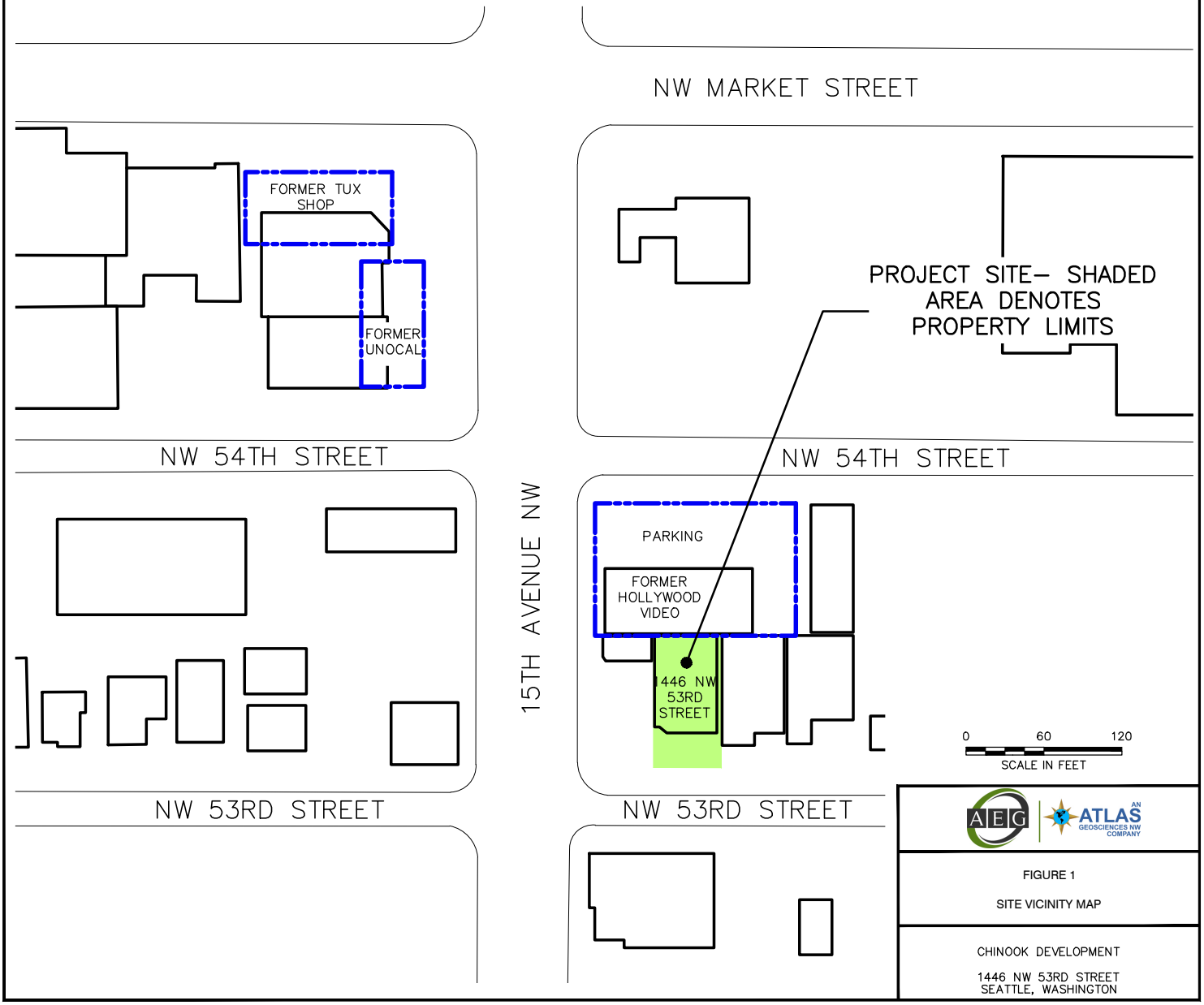


NOTES

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,
VICINITY IMAGE SOURCE: U.S. GEOLOGICAL SURVEY–2020, 7.5 MINUTE QUADRANGLE MAP
SEATTLE NORTH, WASHINGTON



AEG | AN ATLAS GEOSCIENCES NW COMPANY

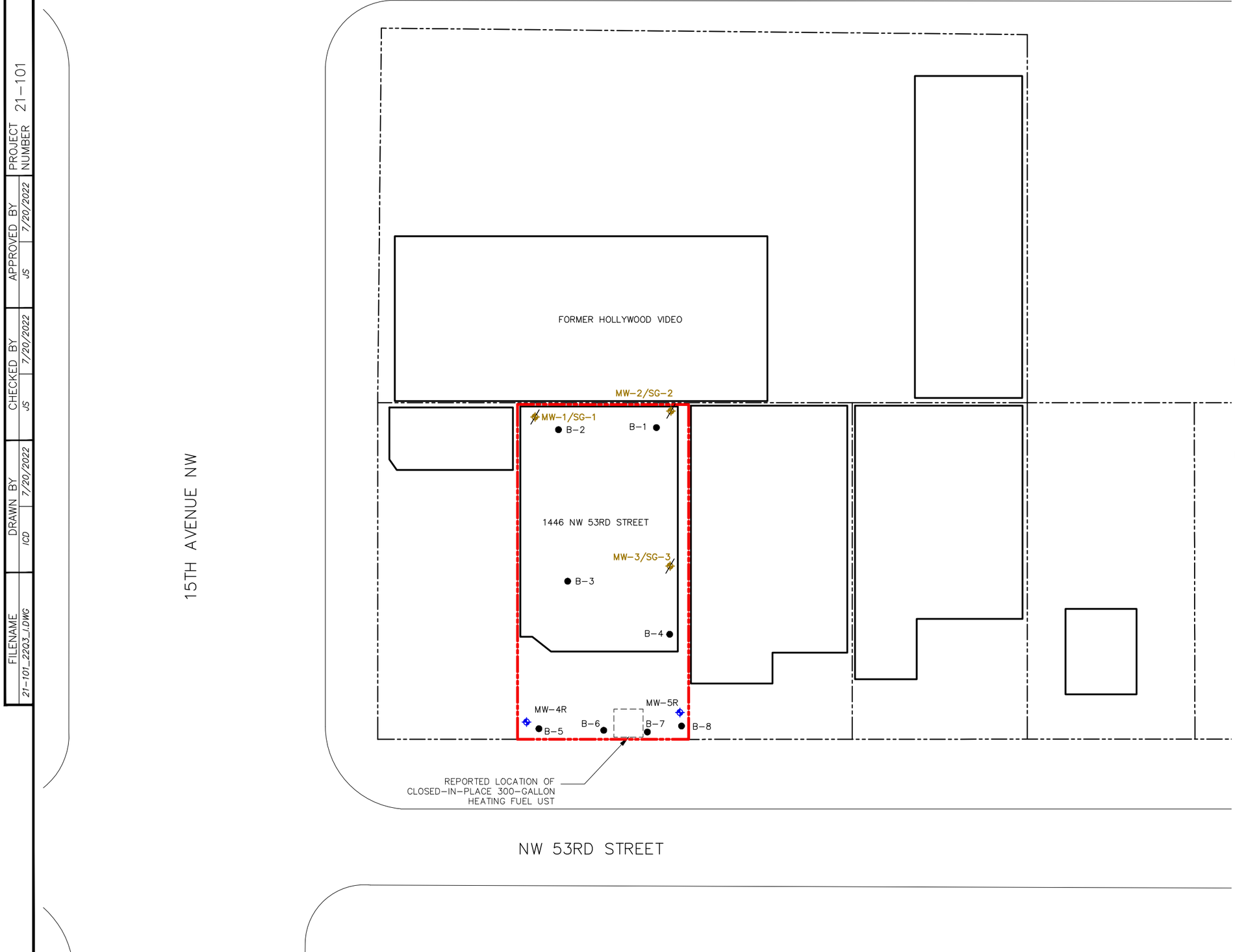
FIGURE 1

SITE VICINITY MAP

CHINOOK DEVELOPMENT

1446 NW 53RD STREET
SEATTLE, WASHINGTON

FILENAME	DRAWN BY	CHECKED BY	APPROVED BY	PROJECT NUMBER
21-101_2203_1.DWG	ICD 7/20/2022	JS 7/20/2022	JS 7/20/2022	21-101



AEG | AN ATLAS GEOSCIENCES NW COMPANY

FIGURE 2

SITE MAP

CHINOOK DEVELOPMENT

1446 NW 53RD STREET
SEATTLE, WASHINGTON

TABLES

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

Table 1 - Summary of Groundwater Elevations
Chinook Development (21-101)
Seattle, 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*	8/23/2021	11.34	--	--	--	50.32	--
61.66							
MW-2*	8/23/2021	11.94	--	--	--	49.60	--
61.54			--	--	--		
MW-3*	8/23/2021	12.92	--	--	--	48.94	--
61.86			--	--	--		
MW-4*	8/23/2021	11.67	--	--	--	48.38	--
60.05			--	--	--		
MW-5*	8/23/2021	9.83	--	--	--	47.68	--
57.51							
MW-4R	7/21/2022	9.78	--	--	--	--	--
--	10/31/2022	15.19	--	--	--	--	--
	1/10/2023	9.15	--	--	--	--	--
	4/18/2023	8.61	--	--	--	--	--
MW-5R	7/21/2022	9.27	--	--	--	--	--
--	10/31/2022	9.92	--	--	--	--	--
	1/10/2023	7.23	--	--	--	--	--
	4/18/2023	7.06	--	--	--	--	--

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

Table 2 - Summary of Groundwater Analytical Results
Chinook Development (21-101)
Seattle, Washington

Sample Number	Date Collected	Total Petroleum Hydrocarbons			Selected Volatile Organic Compounds												
		Gasoline	Diesel	Heavy Oil	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	Total Naphthalenes	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
Earth Solutions NW, LLC																	
B1-W	5/6/2021	<100	**610**	**350**	**0.47**	<1.0	<0.2	<0.2	<0.2	<0.2	<0.2	<1.0	**1.1**	**0.89**	**0.8**	<0.2	**0.27**
B2-W	5/6/2021	<100	**370**	<240	<0.2	<1.0	<0.2	<0.2	<0.2	<0.2	<0.2	<1.0	**0.49**	<0.2	<0.2	<0.2	<0.2
B3-W	5/6/2021	<100	<210	<210	<0.2	<1.0	<0.2	<0.2	<0.2	<0.2	<0.2	<1.0	**4.2**	<0.2	<0.2	<0.2	<0.2
B4-W	5/7/2021	<100	<210	**250**	<0.2	<1.0	<0.2	<0.4	<0.2	<0.2	<0.2	<1.0	**17**	**0.75**	**0.68**	<0.2	<0.2
B5-W	5/7/2021	<100	<240	**420**	<0.2	<1.0	<0.2	<0.2	<0.2	<0.2	<0.2	<1.0	**0.66**	<0.2	<0.2	<0.2	<0.2
B6-W	5/7/2021	<100	<240	**610**	<0.2	<1.0	<0.2	<0.2	<0.2	<0.2	<0.2	<1.0	**18**	**0.28**	**0.5**	<0.2	<0.2
B7-W	5/7/2021	<100	<240	**320**	<0.2	<1.0	<0.2	<0.2	<0.2	<0.2	<0.2	<1.0	**24**	**0.27**	**0.29**	<0.2	<0.2
B8-W	5/7/2021	**170**	**320**	**320**	<0.2	<1.0	<0.2	<0.4	<0.2	<0.2	<0.2	<1.0	**44**	**1.1**	**1.5**	<0.2	<0.2
AEG																	
MW-1*	8/23/2021	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	**16**	<0.4	<1.0	<1.0	<0.2
MW-2*	8/23/2021	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	**4.9**	**4.6**	**2.2**	<1.0	**1.1**
MW-3*	8/23/2021	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	**11**	**0.49**	<1.0	<1.0	<0.2
MW-4*	8/23/2021	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	**0.84 J**	<0.4	<1.0	<1.0	<0.2
MW-5*	8/23/2021	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	**31**	**0.40**	<1.0	<1.0	<0.2
MW-4R	7/21/2022	--	--	--	--	--	--	--	--	--	--	--	<1.0	<0.4	<1.0	<1.0	<0.2
	10/31/2022	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<1.0	<0.4	<1.0	<1.0	<0.2
	1/10/2023	<100	<200	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<1.0	<0.4	<1.0	<1.0	<0.2
	4/18/2023	<100	<170	<340	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<1.0	<0.4	<1.0	<1.0	<0.2
MW-5R	7/21/2022	--	--	--	--	--	--	--	--	--	--	--	**3.0**	<0.4	<1.0	<1.0	<0.2
	10/31/2022	<100	**1,200**	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<1.0	<0.4	<1.0	<1.0	<0.2
	1/10/2023	<100	**470**	<400	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<1.0	<0.4	<1.0	<1.0	<0.2
	4/18/2023	<100	**320**	<340	<1.0	<2.0	<1.0	<2.0	--	--	--	--	<1.0	<0.4	<1.0	<1.0	<0.2
PQL		100	210	340/400	1.0	1.0	1.0	1.0	0.2	0.20	0.20	0.1	0.2/1.0	0.2/0.4	0.2/1.0	0.2/1.0	0.2
MTCA Method A Cleanup Levels		1,000	500**		5	1,000	700	1,000	0.01	5	20	160	5	5	NE	NE	0.2
MTCA Method B Cleanup Levels***		NE	NE	NE	0.8	640	800	1,600	0.022	0.48	24	160	21	0.54	16	160	0.029

Notes:
All values reported in micrograms per liter (µg/L)
-- = Not analyzed for constituent
< = Not detected at the listed laboratory detection limits
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
* = Well decommissioned; ceased groundwater monitoring/sampling activities at this well
** Cleanup level is for the combined concentration of diesel and oil
*** Method B cleanup level; most stringent value (cancer vs. non-cancer) is shown.
J = Result is less than the PQL but greater than the MDL. Reported value is approximate.
NE = Not established; no Cleanup Level has been established for this constituent.

EDC = 1,2-Dichloroethane
EDB = Ethylene Dibromide
MTBE = Methyl Tert-Butyl Ether
PCE = Tetrachloroethylene
TCE = Trichloroethylene
DCE = Dichloroethylene
PQL = Practical Quantification Limit (laboratory detection limit)

APPENDIX A

Supporting Documents:
Laboratory Datasheets

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

Libby Environmental, Inc.

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

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

April 28, 2023

Scott Rose
AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

RE: Chinook Development
Work Order Number: L23D105

Enclosed are the results of analyses for samples received by our laboratory on 4/19/2023.

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

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: Page: 1 of 1

Client: AEG
Project Manager: Scott Rose
Address: 2633 Parkmount Lane SW, Suite A
Project Name: Chinook Development
City: Olympia State: WA Zip: 98502
Location: 1446 NE 53rd St City, State: Seattle, WA
Phone: (360) 352-9835 Fax: (360) 352-8164
Collector: Date of Collection: 4-18-23
Client Project # 21-101
Email: Srose@AEGWA.com

	Sample Number	Depth	Time	Sample Type	Container Type	PCE w/ Daughter Produc	NWTPH-Gx	BTEX (8260)	NWTPH-Dx/Dx											Field Notes
1	MW-4R	—	1041	G	Voa, Amber	X	X	X	X											
2	MW-5R	—	1111	G	Voa, Amber	X	X	X	X											
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
	4/18/23 1600		4/18/23 1600
	4/19/23 0940		4-19-23 0941
	Date / Time		Date / Time

Sample Receipt

Good Condition?	Y	N	
Temp.			°C
Seals Intact?	Y	N	N/A
Total Number of Containers			

Remarks:

TAT: 24HR 48HR 5-DAY

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

Libby Environmental, Inc.

AEG an Atlas Geosciences NW Company	**Project:** Chinook Development	**City/State:** Seattle, Washington
2633 Parkmont Lane SW, Suite A	**Project Number:** 21-101	**Work Order:** L23D105
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 04/28/2023 16:46

Notes and Definitions

Item	Definition
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"

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23D105-01	MW-4R	Water	04/18/2023	04/19/2023
L23D105-02	MW-5R	Water	04/18/2023	04/19/2023

Libby Environmental, Inc.

AEG an Atlas Geosciences NW Company	**Project:** Chinook Development	**City/State:** Seattle, Washington
2633 Parkmont Lane SW, Suite A	**Project Number:** 21-101	**Work Order:** L23D105
Olympia, WA 98502	**Project Manager:** Scott Rose	**Reported:** 04/28/2023 16:46

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **MW-5R**			Lab#: L23D105-02		
Diesel	320		ug/L	170	NWTPH-Dx/Dx

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

AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Chinook Development
Project Number: 21-101
Project Manager: Scott Rose

City/State: Seattle, Washington
Work Order: L23D105
Reported: 04/28/2023 16:46

Sample Results

Client Sample ID: MW-4R

Lab ID: L23D105-01 (Water)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Benzene	ND		1.0	ug/L	04/24/2023	PB
Toluene	ND		2.0	ug/L	04/24/2023	PB
Ethylbenzene	ND		1.0	ug/L	04/24/2023	PB
Total Xylenes	ND		2.0	ug/L	04/24/2023	PB
Vinyl Chloride (SIM)	ND		0.20	ug/L	04/24/2023	PB
1,1-Dichloroethene	ND		0.50	ug/L	04/24/2023	PB
trans-1,2-Dichloroethene	ND		1.0	ug/L	04/24/2023	PB
cis-1,2-Dichloroethene	ND		1.0	ug/L	04/24/2023	PB
Trichloroethene (SIM)	ND		0.40	ug/L	04/24/2023	PB
Tetrachloroethene (SIM)	ND		1.0	ug/L	04/24/2023	PB
Surrogate: Dibromofluoromethane	*160%*		*27-188*		*04/24/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*109%*		*17-212*		*04/24/2023*	*PB*
Surrogate: Toluene-d8	*101%*		*41-142*		*04/24/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*99.7%*		*47-167*		*04/24/2023*	*PB*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		100	ug/L	04/24/2023	PB
Surrogate: Toluene-d8	*101%*		*41-142*		*04/24/2023*	*PB*
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		170	ug/L	04/20/2023	LO
Oil	ND		340	ug/L	04/20/2023	LO
Surrogate: 2-FBP	*75.5%*		*56.7-134*		*04/20/2023*	*LO*

AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Chinook Development
Project Number: 21-101
Project Manager: Scott Rose

City/State: Seattle, Washington
Work Order: L23D105
Reported: 04/28/2023 16:46

Sample Results (Continued)

Client Sample ID: MW-5R

Lab ID: L23D105-02 (Water)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Benzene	ND		1.0	ug/L	04/24/2023	PB
Toluene	ND		2.0	ug/L	04/24/2023	PB
Ethylbenzene	ND		1.0	ug/L	04/24/2023	PB
Total Xylenes	ND		2.0	ug/L	04/24/2023	PB
Vinyl Chloride (SIM)	ND		0.20	ug/L	04/24/2023	PB
1,1-Dichloroethene	ND		0.50	ug/L	04/24/2023	PB
trans-1,2-Dichloroethene	ND		1.0	ug/L	04/24/2023	PB
cis-1,2-Dichloroethene	ND		1.0	ug/L	04/24/2023	PB
Trichloroethene (SIM)	ND		0.40	ug/L	04/24/2023	PB
Tetrachloroethene (SIM)	ND		1.0	ug/L	04/24/2023	PB
Surrogate: Dibromofluoromethane	*141%*		*27-188*		*04/24/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*91.2%*		*17-212*		*04/24/2023*	*PB*
Surrogate: Toluene-d8	*80.8%*		*41-142*		*04/24/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*95.6%*		*47-167*		*04/24/2023*	*PB*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		100	ug/L	04/24/2023	PB
Surrogate: Toluene-d8	*80.8%*		*41-142*		*04/24/2023*	*PB*
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	320		170	ug/L	04/20/2023	LO
Oil	ND		340	ug/L	04/20/2023	LO
Surrogate: 2-FBP	*69.7%*		*56.7-134*		*04/20/2023*	*LO*

AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Chinook Development
Project Number: 21-101
Project Manager: Scott Rose

City/State: Seattle, Washington
Work Order: L23D105
Reported: 04/28/2023 16:46

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: BXD0171 - VOA										
Blank (BXD0171-BLK1)					Prepared & Analyzed: 4/24/2023					
Vinyl Chloride (SIM)	ND		0.20	ug/L						
1,1-Dichloroethene	ND		0.50	ug/L						
trans-1,2-Dichloroethene	ND		1.0	ug/L						
cis-1,2-Dichloroethene	ND		1.0	ug/L						
Benzene	ND		1.0	ug/L						
Trichloroethene (SIM)	ND		0.40	ug/L						
Toluene	ND		2.0	ug/L						
Tetrachloroethene (SIM)	ND		1.0	ug/L						
Ethylbenzene	ND		1.0	ug/L						
Total Xylenes	ND		2.0	ug/L						
Surrogate: Dibromofluoromethane			*25.8*	*ug/L*	*20.0*		*129*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*20.6*	*ug/L*	*20.0*		*103*	*17-212*		
Surrogate: Toluene-d8			*20.0*	*ug/L*	*20.0*		*100*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*20.3*	*ug/L*	*20.0*		*101*	*47-167*		
LCS (BXD0171-BS1)					Prepared & Analyzed: 4/24/2023					
Vinyl Chloride (SIM)	5.37		0.20	ug/L	5.00		107	15-226		
1,1-Dichloroethene	5.57		0.50	ug/L	5.00		111	38-193		
trans-1,2-Dichloroethene	5.62		1.0	ug/L	5.00		112	53-156		
cis-1,2-Dichloroethene	6.15		1.0	ug/L	5.00		123	10-219		
Benzene	5.78		1.0	ug/L	5.00		116	65-118		
Trichloroethene (SIM)	5.27		0.40	ug/L	5.00		105	37-121		
Toluene	5.10		2.0	ug/L	5.00		102	68-125		
Tetrachloroethene (SIM)	5.18		1.0	ug/L	5.00		104	46-159		
Ethylbenzene	4.72		1.0	ug/L	5.00		94.3	49-144		
Total Xylenes	11.7		2.0	ug/L	15.0		78.0	38-140		
Surrogate: Dibromofluoromethane			*25.3*	*ug/L*	*20.0*		*126*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*21.0*	*ug/L*	*20.0*		*105*	*17-212*		
Surrogate: Toluene-d8			*20.4*	*ug/L*	*20.0*		*102*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*20.9*	*ug/L*	*20.0*		*105*	*47-167*		

AEG an Atlas Geosciences NW Company
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Project: Chinook Development
Project Number: 21-101
Project Manager: Scott Rose

City/State: Seattle, Washington
Work Order: L23D105
Reported: 04/28/2023 16:46

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Duplicate (BXD0171-DUP1)		**Parent: L23D105-01**			Prepared & Analyzed: 4/24/2023					
Vinyl Chloride (SIM)	ND		0.20	ug/L		ND				35
1,1-Dichloroethene	ND		0.50	ug/L		ND				35
trans-1,2-Dichloroethene	ND		1.0	ug/L		ND				35
cis-1,2-Dichloroethene	ND		1.0	ug/L		ND				35
Benzene	ND		1.0	ug/L		ND				35
Trichloroethene (SIM)	ND		0.40	ug/L		ND				35
Toluene	ND		2.0	ug/L		ND				35
Tetrachloroethene (SIM)	ND		1.0	ug/L		ND				35
Ethylbenzene	ND		1.0	ug/L		ND				35
Total Xylenes	ND		2.0	ug/L		ND				35
Surrogate: Dibromofluoromethane			*31.6*	*ug/L*	*20.0*		*158*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*21.4*	*ug/L*	*20.0*		*107*	*17-212*		
Surrogate: Toluene-d8			*20.8*	*ug/L*	*20.0*		*104*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*19.8*	*ug/L*	*20.0*		*99.0*	*47-167*		
Matrix Spike (BXD0171-MS1)		**Parent: L23D105-02**			Prepared & Analyzed: 4/24/2023					
Vinyl Chloride (SIM)	4.46		0.20	ug/L	5.00	ND	89.1	10-234		
1,1-Dichloroethene	5.07		0.50	ug/L	5.00	ND	101	15-233		
trans-1,2-Dichloroethene	4.57		1.0	ug/L	5.00	ND	91.5	54-165		
cis-1,2-Dichloroethene	4.88		1.0	ug/L	5.00	ND	97.6	35-167		
Benzene	4.99		1.0	ug/L	5.00	ND	99.8	62-137		
Trichloroethene (SIM)	4.15		0.40	ug/L	5.00	ND	83.1	64-141		
Toluene	4.33		2.0	ug/L	5.00	ND	86.5	63-139		
Tetrachloroethene (SIM)	5.04		1.0	ug/L	5.00	ND	101	42-173		
Ethylbenzene	4.84		1.0	ug/L	5.00	ND	96.8	57-131		
Total Xylenes	11.9		2.0	ug/L	15.0	ND	79.4	44-143		
Surrogate: Dibromofluoromethane			*26.6*	*ug/L*	*20.0*		*133*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*18.7*	*ug/L*	*20.0*		*93.4*	*17-212*		
Surrogate: Toluene-d8			*16.7*	*ug/L*	*20.0*		*83.6*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*20.8*	*ug/L*	*20.0*		*104*	*47-167*		

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Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXD0171-MSD1)		**Parent: L23D105-02**			Prepared & Analyzed: 4/24/2023					
Vinyl Chloride (SIM)	4.24		0.20	ug/L	5.00	ND	84.7	10-234	5.09	35
1,1-Dichloroethene	5.03		0.50	ug/L	5.00	ND	101	15-233	0.931	35
trans-1,2-Dichloroethene	4.08		1.0	ug/L	5.00	ND	81.7	54-165	11.3	35
cis-1,2-Dichloroethene	5.04		1.0	ug/L	5.00	ND	101	35-167	3.26	35
Benzene	4.44		1.0	ug/L	5.00	ND	88.7	62-137	11.7	35
Trichloroethene (SIM)	4.24		0.40	ug/L	5.00	ND	84.8	64-141	2.12	35
Toluene	4.12		2.0	ug/L	5.00	ND	82.5	63-139	4.78	35
Tetrachloroethene (SIM)	4.87		1.0	ug/L	5.00	ND	97.4	42-173	3.37	35
Ethylbenzene	4.63		1.0	ug/L	5.00	ND	92.6	57-131	4.50	35
Total Xylenes	11.4		2.0	ug/L	15.0	ND	75.9	44-143	4.53	35
Surrogate: Dibromofluoromethane			*24.0*	*ug/L*	*20.0*		*120*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*18.5*	*ug/L*	*20.0*		*92.4*	*17-212*		
Surrogate: Toluene-d8			*16.5*	*ug/L*	*20.0*		*82.3*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*21.0*	*ug/L*	*20.0*		*105*	*47-167*		

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Reported: 04/28/2023 16:46

Quality Control
(Continued)

Gasoline by Method NWTPH-Gx

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXD0171 - VOA										
Blank (BXD0171-BLK1)					Prepared & Analyzed: 4/24/2023					
Gasoline	ND		100	ug/L						
Surrogate: Toluene-d8			*20.0*	*ug/L*	*20.0*		*100*	*41-142*		
Duplicate (BXD0171-DUP1)		**Parent: L23D105-01**			Prepared & Analyzed: 4/24/2023					
Gasoline	ND		100	ug/L		ND				200
Surrogate: Toluene-d8			*20.8*	*ug/L*	*20.0*		*104*	*41-142*		

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Reported: 04/28/2023 16:46

Quality Control
(Continued)

Diesel and Oil by NWTPH-Dx/Dx

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXD0147 - Extraction										
Blank (BXD0147-BLK1)					Prepared & Analyzed: 4/20/2023					
Diesel	ND		200	ug/L						
Oil	ND		400	ug/L						
Surrogate: 2-FBP			*14.5*	*ug/mL*	*20.0*		*72.5*	*56.7-134*		
LCS (BXD0147-BS1)					Prepared & Analyzed: 4/20/2023					
Diesel	848		200	ug/L	1000		84.8	50.2-155		
Surrogate: 2-FBP			*14.8*	*ug/mL*	*20.0*		*74.0*	*56.7-134*		
LCS Dup (BXD0147-BSD1)					Prepared & Analyzed: 4/20/2023					
Diesel	923		200	ug/L	1000		92.3	50.2-155	8.47	35
Surrogate: 2-FBP			*15.2*	*ug/mL*	*20.0*		*75.8*	*56.7-134*		

Libby Environmental, Inc.

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

CHINOOK DEVELOPMENT PROJECT
AEG an Atlas Geosciences NW Company
Libby Project # L23D105
Date Received 4/19/2023
Time Received 9:41

Received By KI

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)	0.5 °C		
8. Temperature of sample(s) (0°C to 8°C recommended)	2.0 °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. _____