



April 12, 2019

Ching-Pi Wang and Lydia Lindwall
Washington State Department of Ecology
3190 160th Ave SE
Bellevue, Washington 98008-5452

Re: Progress Report No. 26 – Mt Baker Properties Site – April 2019

Mt. Baker Housing Association PPCD No. 16-2-29584-3 SEA
Facility Site ID #96127971 and Cleanup Site ID #13054
Project No. 160324-01

Dear Mr. Wang and Ms. Lindwall:

This progress report by Aspect Consulting, LLC (Aspect) is for the Mt. Baker Housing Association's (MBHA) Mount Baker Properties Site (Site), which includes properties slated for cleanup and redevelopment located at 2800 Martin Luther King Jr. Way South, 2864 South McClellan Street, 2810 South McClellan Street, 2806 South McClellan Street, and 2802 South McClellan Street (The Properties).

This progress report is being completed as a condition to a Prospective Purchaser Consent Decree (PPCD) signed between MBHA and the Washington State Department of Ecology (Ecology), amended and filed February 24, 2017. Per the PPCD, "MBHA will complete a Remedial Investigation and Feasibility Study (RI/FS) for the Site in accordance with the Model Toxics Control Act (MTCA) Regulation (Washington Administrative Code [WAC] 173-340) subject to Washington State Department of Ecology review and approval."

Section XII of the PPCD states that, "MBHA shall submit to Ecology written monthly Progress Reports that describe the actions taken during the previous month to implement the requirements of this Decree. The Progress Reports shall include the following unless Ecology determines otherwise as provided in this Section:

- A. A list of on-site activities that have taken place during the month.
- B. Detailed description of any deviations from required tasks not otherwise documented in project plans or amendment requests.
- C. Description of all deviations from the Scope of Work and Schedule (Exhibit C) during the current month and any planned deviations in the upcoming month.
- D. For any deviations from the schedule, a plan for recovering lost time and maintaining compliance with the schedule.
- E. All raw data (including laboratory analyses) received by MBHA during the past month and an identification of the source of the sample.
- F. A list of deliverables for the upcoming month if different from the schedule.



The PPCD Amendment 3 also indicates that the Progress Reports should include, “Monthly and cumulative estimates of the funds expended by MBHA against the \$600,000 total of Public Funds provided through this Third Amendment, together with a projection of the funds expected to be expended in the forthcoming month.” It also states that the estimate of funds expended shall include any invoices and expense proofs submitted for payment by MBHA's outside technical consultant(s). A funding summary is provided as item H below. Pertinent invoices are attached to this monthly report.

A. On-Site Activities and Progress Made during Reporting Period

- Project management, including interacting with Ecology and subcontractors, issuing a progress letter, and miscellaneous project correspondence.
- Continued preparation of the RI report.
- Preparation of the CID request and submittal of the request to Ecology.
- Attended design team meetings to provide environmental and geotechnical information to support construction design and remedial excavation planning.
- Obtained access to four of the six privately owned parcels located South of S. McClellan St. and East of 29th Avenue for the Vapor Intrusion evaluation. Completed the Vapor Intrusion evaluation, which included obtaining indoor air, ambient air, and soil vapor samples from each property (a total of 12 samples), installation and development of two groundwater monitoring wells (AMW-22 and AMW-24), and obtaining groundwater samples from the two wells. The samples were submitted for chemical analysis of chlorinated solvents on a rush turnaround time (with prior approval from Ching-Pi Wang at Ecology). Data was analyzed relative to the applicable MTCA Method A and B screening cleanup levels.
- Prepared for and attended two meetings with Ching-Pi Wang and Sandra Matthews at Ecology to discuss the Vapor Intrusion Evaluation Work Plan, the results of the Vapor Intrusion evaluation, the Contained-In Determination request, and the schedule for the RI/FS and CAP reports.
- Continued communications with Sound Transit in an attempt to gain access to their property to install a groundwater monitoring well. This included preparation of a letter to send to Sound Transit in response to their meeting with Ecology on March 20, 2019.
- Began planning a dewatering evaluation to support potential groundwater treatment and dewatering during the cleanup action.
- Communications and coordination with MBHA’s representatives to support cost recovery efforts.

B. Deviations from Required Tasks Not Otherwise Documented in Project Plans or Amendment Requests

- Based on our September 12, 2018, meeting with Ching-Pi Wang of Ecology, we are continuing to attempt to gain access to the Sound Transit property located on MLK Jr. Way South to install a monitoring well to evaluate the lateral extent of vinyl-chloride-contaminated groundwater.

- A dewatering evaluation is being planned to evaluate the amount of dewatering and treatment that may be necessary to complete the remedial excavation. This information will be used to inform shoring design.

C – D. Deviations from Schedule and Plan for Recovering Lost Time

- The RI report, which was originally scheduled to be completed in December 2017, will be completed in 2019 to incorporate the data obtained after demolition of the dry cleaner building and the completion of the additional explorations. The RI will also include data obtained from the vapor intrusion evaluation and the additional monitoring well on Sound Transit’s property. The schedule for the draft report will be identified in future monthly progress reports.

E. Raw Data Received from Laboratory

- We received chemical analytical results for four soil vapor, four indoor air, four ambient air, and two groundwater samples obtained during the Vapor Intrusion evaluation. The soil vapor, indoor air, and ambient air samples were analyzed for chlorinated solvents using EPA Method TO-15. The groundwater samples were analyzed for chlorinated solvents using EPA Method 8260C.

F. List of Deliverables and/or Key Activities Planned for Next Month

- Continue communications with Sound Transit to request access to their property.
- Preparation of the draft RI report.
- Preparation of the draft FS report.
- Completion of the dewatering evaluation.

G. Communications and Public Outreach Activities

Because communications and public outreach are critical elements on this project, we have also included information related to contacts with PLPs, stakeholders, and the public:

- No new activities were completed this period.

H. Ecology Funding Details

The table below summarizes the allotments of public funds provided, the invoiced amount every month, and the amount to be withdrawn from the public funds. Beginning in August 2018, a separate invoice will be prepared for services completed that pertain strictly to the former Phillips 66 gas station; the money to pay these invoices will be withdrawn from the public funds. The other invoice pertains to services completed for the entire Site, and MBHA will seek reimbursement from other sources (such as insurers) to pay these invoices prior to withdrawing from the public funds, which is reflected by a \$0 amount in the “Amount to be Withdrawn from Public Funds” column in the table below.

Progress Report Number and Date	Invoice Cutoff Date	Invoice Date	Invoiced Amount	Amount to be Withdrawn from Public Funds	Funds Remaining	Projection of Funds to Be Expended in Next Month
Initial Allotment of Public Funds Provided					\$400,000.00	
--	2/17/2017	2/28/2017	\$33,105.18	\$33,105.18	\$366,894.82	--
1. 03/10/17	2/24/2017	3/16/2017	\$13,298.24	\$13,298.24	\$353,596.58	Up to \$25,000
2. 04/10/17	4/7/2017	4/10/2017	\$29,893.76	\$29,893.76	\$323,702.82	Up to \$30,000
3. 05/10/17	5/5/2017	5/9/2017	\$8,975.60	\$8,975.60	\$314,727.22	Up to \$40,000
4. 06/10/17	6/2/2017	6/7/2017	\$16,465.17	\$16,465.17	\$298,262.05	Up to \$40,000
5. 07/10/17	7/7/2017	7/10/2017	\$23,636.08	\$23,636.08	\$274,625.97	Up to \$40,000
6. 08/10/17	8/4/2017	8/7/2017	\$21,667.61	\$21,667.61	\$252,958.36	Up to \$70,000
7. 09/08/17	9/1/2017	9/7/2017	\$53,610.01	\$53,610.01	\$199,348.35	Up to \$70,000
8. 10/10/17	10/6/2017	10/10/2017	\$11,663.51	\$11,663.51	\$187,684.84	Up to \$70,000
9. 11/10/17	10/27/2017	11/14/2017	\$21,566.64	\$21,566.64	\$166,118.20	Up to \$100,000
Ecology Invoice	6/30/2017	9/15/2017	\$34,071.71	\$0	\$166,118.20	NA
10. 12/11/17	12/8/2017	12/11/2017	\$114,619.33	\$114,619.33	\$51,498.87	Up to \$30,000
--	2/17/2017	2/28/2017	\$10,651.16	\$10,651.16	\$40,847.71	--
Ecology Invoice	9/30/2017	12/15/2017	\$6,769.17	\$0	\$40,847.71	NA
11. 01/10/18	1/5/2018	1/8/2018	\$11,099.05	\$11,099.05	\$29,748.66	Up to \$20,000
12. 02/15/18	2/9/2018	2/15/2018	\$18,825.12	\$18,825.12	\$10,923.54	Up to \$20,000
13. 03/13/18	3/9/2018	3/13/2018	\$3,408.34	\$3,408.34	\$7,515.20	Up to \$20,000
14. 04/10/18	4/16/2018	4/10/2018	\$5,429.75	\$5,429.75	\$2,085.45	Up to \$20,000
15. 05/10/18	5/4/2018	5/10/2018	\$6,937.99	\$6,937.99	(\$4,852.54)	Up to \$20,000
16. 06/12/18	6/8/2018	6/12/2018	\$7,464.45	\$7,464.45	(\$12,316.99)	Up to \$20,000

Progress Report Number and Date	Invoice Cutoff Date	Invoice Date	Invoiced Amount	Amount to be Withdrawn from Public Funds	Funds Remaining	Projection of Funds to Be Expended in Next Month
17. 07/10/18	7/6/2018	7/10/2018	\$5,061.16	\$5,061.16	(\$17,378.15)	Up to \$30,000
Second Allotment of Public Funds Provided					\$600,000.00	
18. 08/14/18	8/10/2018	8/14/2018	\$24,074.76	\$0	\$582,621.85	Up to \$50,000
18. 08/14/18	8/10/2018	8/14/2018	\$1,715.00	\$1,715.00	\$580,906.85	
19. 09/11/18	9/7/2018	9/11/2018	\$61,260.65	\$0	\$580,906.85	Up to \$50,000
19. 09/11/18	9/7/2018	9/11/2018	\$527.50	\$527.50	\$580,379.35	
20. 10/11/18	10/5/2018	10/11/2018	\$17,211.23	\$0	\$580,379.85	Up to \$50,000
20. 10/11/18	10/5/2018	10/11/2018	\$1,708.00	\$1,708.00	\$578,671.35	
21. 11/09/18	11/02/18	11/09/18	\$7,786.25	\$0	\$578,671.35	Up to \$50,000
Rhine Demolition	--	--	\$60,627.67	\$60,627.67	\$518,043.68	--
22. 12/12/18	12/07/18	12/10/18	\$44,184.25	\$0	\$518,043.68	Up to \$50,000
22. 12/12/18	12/07/18	12/10/18	\$4,554.00	4,554.00	\$513,489.68	Up to \$50,000
23. 01/10/19	12/28/2018	1/10/2019	\$24,111.18	\$0.00	\$513,489.68	Up to \$50,000
24. 02/19/19	2/8/2019	2/15/2019	\$31,174.50	\$0.00	\$513,489.68	Up to \$50,000
25. 03/15/19	3/8/2019	3/14/2019	\$24,971.00	\$0.00	\$513,489.68	Up to \$50,000
25. 03/15/19	3/8/2019	3/14/2019	\$2,312.50	\$2,312.50	\$511,177.18	Up to \$50,000
25. 03/15/19	3/8/2019	3/14/2019	\$20,543.00	\$0	\$511,177.18	Up to \$50,000
26. 04/10/19	4/5/2029	4/12/2019	\$53,483.07	\$0.00	\$511,177.18	Up to \$50,000
26. 03/15/19	4/5/2019	4/12/2019	\$2,187.50	\$2,187.50	\$508,989.68	Up to \$50,000
26. 03/15/19	4/5/2019	4/12/2019	\$26,565.50	\$0.00	\$508,989.68	Up to \$50,000

Washington State Department of Ecology
April 12, 2019

Project No. 160324

Sincerely,

Aspect consulting, LLC



Jessica Smith, LG
Senior Geologist
jsmith@aspectconsulting.com



Dave Cook, LG, CPG
Principal Geologist
dcook@aspectconsulting.com

Attachment: April 12, 2019 Invoice #32831
April 12, 2019 Invoice #32833
April 12, 2019 Invoice #32834

cc: Mt. Baker Housing Association, Conor Hansen (email only)

Washington State Department of Ecology, Kim Smith (email only)

V:\160324 Mt Baker Housing Assoc – Mt Baker Properties Site\Deliverables\Monthly Progress Reports\2019\Monthly Progress Report No
26_April 12, 2019_DOE.docx



INVOICE

Mt. Baker Housing Association
 Conor Hansen
 2916 S MCCLELLAN ST
 SEATTLE, WA 98144

Invoice number 32831
 Date 04/12/2019

Project 160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

Professional Services for the Period 03/09/2019 to 04/05/2019

Services completed during this invoice period include review of data obtained by GHD from the former Phillips 66 parcel, preparation of summary tables and figures, data evaluation, and communications with Landeau.

Aspect's services related to the solvent-contaminated soil/groundwater or the larger "Site" (not solely related to the former Phillips 66 gas station) are presented in a separate invoice.

Phillips 66 Former Gas Station

Professional Services		Hours	Rate	Billed Amount
Principal 2	<i>David A. Cook</i>	5.00	253.00	1,265.00
Associate	<i>Jessica A. Smith</i>	3.00	207.00	621.00
Staff 3	<i>Kristin E. Beck</i>	2.25	134.00	301.50
Phillips 66 Former Gas Station subtotal				2,187.50

Invoice total **2,187.50**

Aging Summary

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
30567	08/15/2018	1,715.00					1,715.00
30774	09/11/2018	527.50					527.50
32665	03/14/2019	2,312.50	2,312.50				
32831	04/12/2019	2,187.50	2,187.50				
Total		6,742.50	4,500.00	0.00	0.00	0.00	2,242.50

*Please include invoice number on the check and submit to the address shown at the bottom of the invoice.
 Late payments may be subject to a 1.5% finance charge for each 30 days past due*

*If you have questions about your invoice, please contact us at 206-780-9370 or via email: invoices@aspectconsulting.com
 If you would like to pay via electronic payment, please contact us via email: AccountingAR@aspectconsulting.com*

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

Phillips 66 Former Gas Station

9.1 Subtask 9.1 - Environmental Services Related to the former Phillips 66

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor

WIP Status: Billable

Principal 2

David A. Cook

Professional Services	03/11/2019	1.00	253.00	253.00
<i>P66 soil gas data and mtg</i>				
Professional Services	03/20/2019	0.50	253.00	126.50
<i>P66 data eval VI study WP rev</i>				
Professional Services	03/26/2019	2.00	253.00	506.00
<i>Call re: GW and VI and P66 data provided</i>				
Professional Services	04/01/2019	1.50	253.00	379.50
<i>P66 data eval of soil gas, gw and new data along 29th Call w/M Dunning</i>				

Subtotal **5.00** **1,265.00**

Associate

Jessica A. Smith

Professional Services	03/28/2019	0.50	207.00	103.50
<i>Discuss P66 results, call Larry</i>				

Subtotal **0.50** **103.50**

Staff 3

Kristin E. Beck

Professional Services	03/18/2019	0.75	134.00	100.50
<i>P66 data and figures review</i>				
Professional Services	03/22/2019	0.50	134.00	67.00
<i>Preparation of figures for meeting with Ecology</i>				

Subtotal **1.25** **167.50**

Labor total **6.75** **1,536.00**

Phillips 66 Former Gas Station

9.2 Subtask 9.2 - Oversight of P66 Field Work

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor

WIP Status: Billable

Associate

Jessica A. Smith

Professional Services	03/12/2019	0.50	207.00	103.50
<i>Review data received from P6. Send to KB to revise figures</i>				
Professional Services	03/13/2019	0.50	207.00	103.50
<i>Review info provided by KB</i>				
Professional Services	03/22/2019	1.50	207.00	310.50
<i>Review P66 results w/ Dave and Kristin</i>				

Subtotal **2.50** **517.50**

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

Phillips 66 Former Gas Station

9.2 Subtask 9.2 - Oversight of P66 Field Work

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor

WIP Status: Billable

Staff 3

Kristin E. Beck

Professional Services 03/12/2019 0.75 134.00 100.50

Reviewing data from GHD/Landau

Professional Services 03/13/2019 0.25 134.00 33.50

Assessing data package from GHD/Landau

Subtotal	1.00		134.00
Labor total	3.50		651.50



INVOICE

Mt. Baker Housing Association
 Conor Hansen
 2916 S MCCLELLAN ST
 SEATTLE, WA 98144

Invoice number 32833
 Date 04/12/2019

Project 160324 Mt. Baker Housing Assoc. – Mt
 Baker Properties Site

Professional Services for the Period 02/23/2019 to 03/29/2019

Services provided include:

- Meetings with design team to discuss geotechnical support of remediation
- Evaluation of shoring techniques that will allow for removal of contaminated soil to maximum depths encountered
- Development of geologic cross sections and figures for geotechnical support of remedial excavation
- Project management for tasks in support of environmental remediation

Maddux North - Geotech Support for Env Remediation

Professional Services		Hours	Rate	Billed Amount
Principal 1	<i>Erik O. Andersen</i>	7.50	239.00	1,792.50
Senior 2	<i>Nicholas C. Szot</i>	2.50	195.00	487.50
Project 2	<i>Spencer J. Ambauen</i>	30.00	155.00	4,650.00
Staff 3	<i>Dustin R. Taylor</i>	1.25	134.00	167.50
Staff 3	<i>Marica O. Otto</i>	46.75	134.00	6,264.50
Sr. CAD	<i>Steve C. Cudd</i>	24.75	130.00	3,217.50
Coordinator 2	<i>Carla D. Hanafee</i>	0.25	98.00	24.50
Coordinator 2	<i>Miroslava Ramsey</i>	0.50	98.00	49.00
Coordinator 1	<i>Joey M. Miramontez</i>	0.25	93.00	23.25
Maddux North - Geotech Support for Env Remediation subtotal				16,676.25

Maddux South - Geotech Support for Env Remediation

Professional Services		Hours	Rate	Billed Amount
Principal 1	<i>Erik O. Andersen</i>	3.50	239.00	836.50
Project 2	<i>Spencer J. Ambauen</i>	27.25	155.00	4,223.75
Staff 3	<i>Marica O. Otto</i>	23.00	134.00	3,082.00
Sr. CAD	<i>Caroline M. Van Slyke</i>	4.00	130.00	520.00
Sr. CAD	<i>Steve C. Cudd</i>	9.25	130.00	1,202.50
Coordinator 2	<i>Carla D. Hanafee</i>	0.25	98.00	24.50
Maddux South - Geotech Support for Env Remediation subtotal				9,889.25

Invoice total **26,565.50**

Aging Summary

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
32666	03/14/2019	20,543.00	20,543.00				
32833	04/12/2019	26,565.50	26,565.50				
	Total	47,108.50	47,108.50	0.00	0.00	0.00	0.00

*Please include invoice number on the check and submit to the address shown at the bottom of the invoice.
Late payments may be subject to a 1.5% finance charge for each 30 days past due*

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If you would like to pay via electronic payment, please contact us via email: AccountingAR@aspectconsulting.com*

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

**Maddux North - Geotech Support for Env Remediation
 01 Task 1 - Geotechnical Data Review and Geologic Interpretations**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor

WIP Status: Billable

Project 2

Spencer J. Ambauen

Professional Services	02/23/2019	4.00	155.00	620.00
<i>Review of subsurface conditions for temporary shoring design, geotech cross section figures</i>				
Professional Services	02/26/2019	3.25	155.00	503.75
<i>Temporary shoring cross section figures, review of boring logs, geologic interpretations</i>				
Professional Services	02/27/2019	1.25	155.00	193.75
<i>Temporary shoring cross sections, figures, survey data review and correspondence</i>				
Professional Services	02/28/2019	1.50	155.00	232.50
<i>Temporary shoring cross section figures, review of boring logs, geologic interpretations</i>				
Subtotal		10.00		1,550.00

Staff 3

Dustin R. Taylor

Professional Services	02/25/2019	1.00	134.00	134.00
<i>Meeting with Aspect team to discuss project and temporary shoring analysis tasks</i>				
Professional Services	02/27/2019	0.25	134.00	33.50
<i>Going through project folder to familiarize self with future work</i>				
Subtotal		1.25		167.50

Marica O. Otto

Professional Services	02/23/2019	3.50	134.00	469.00
<i>Review of subsurface conditions for temporary shoring design, geotech cross section figures</i>				
Professional Services	02/25/2019	3.75	134.00	502.50
<i>1.75hr: Review of subsurface conditions for temporary shoring design, geotech cross section figures 1.5hr: Temporary shoring design collaboration meeting with Aspect environmental team 0.5hr: Project management for environmental remediation tasks</i>				
Professional Services	02/27/2019	2.00	134.00	268.00
<i>Temporary shoring cross section figures, review of boring logs, geologic interpretations</i>				
Professional Services	02/28/2019	6.50	134.00	871.00
<i>Temporary shoring cross section figures, review of boring logs, geologic interpretations</i>				
Professional Services	03/01/2019	2.00	134.00	268.00
<i>Temporary shoring cross section figures, review of boring logs, geologic interpretations</i>				
Subtotal		17.75		2,378.50

Sr. CAD

Steve C. Cudd

Professional Services	03/14/2019	3.25	130.00	422.50
<i>Figure Set Preparation</i>				
Professional Services	03/15/2019	6.50	130.00	845.00
<i>Figure Set Preparation</i>				
Subtotal		9.75		1,267.50

Coordinator 2

Miroslava Ramsey

Professional Services	03/06/2019	0.25	98.00	24.50
<i>Project administration</i>				

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

**Maddux North - Geotech Support for Env Remediation
 01 Task 1 - Geotechnical Data Review and Geologic Interpretations**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable
 Coordinator 2

Subtotal	0.25		24.50
Labor total	39.00		5,388.00

**Maddux North - Geotech Support for Env Remediation
 02 Task 2 - Geotechnical Engineering Analyses for Remediation**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable
 Principal 1

Erik O. Andersen

Professional Services 03/04/2019 1.50 239.00 358.50

Meeting with Mari and Spencer to review Maddux North X-sections and discuss remedial excavation design and construction (1hr); team meeting with geo-enviro colleagues to discuss remedial excavation (0.5)

Professional Services 03/05/2019 1.00 239.00 239.00

Email communications regarding shoring design for remedial excavation

Professional Services 03/15/2019 1.00 239.00 239.00

Email correspondence with CPL about remedial excavation and backfilling at maddux north

Professional Services 03/25/2019 2.00 239.00 478.00

Meet with Spencer and Mari to review and discuss the geotechnical engineering issues for the remedial excavation for Maddux North. Reviewed cross sections, reviewed alternative shoring methods, looked at the matrix of pros and cons and unit costs.

Subtotal 5.50 1,314.50

Senior 2

Nicholas C. Szot

Professional Services 03/12/2019 0.50 195.00 97.50

Discussion of Cutter soil mix wall temporary shoring alternative with SJA

Professional Services 03/13/2019 1.50 195.00 292.50

Secant and CSM temp shoring wall examples, discussion and considerations with SJA

Professional Services 03/18/2019 0.50 195.00 97.50

Temporary shoring sheet pile approach and costing with SJA

Subtotal 2.50 487.50

Project 2

Spencer J. Ambauen

Professional Services 03/18/2019 0.75 155.00 116.25

Shoring alternatives analysis for remedial excavation

Subtotal 0.75 116.25

Staff 3

Marica O. Otto

Professional Services 03/08/2019 3.00 134.00 402.00

Earth pressure diagrams for temporary shoring

Professional Services 03/11/2019 5.50 134.00 737.00

Shoring considerations for environmental remediation excavation

Professional Services 03/12/2019 4.50 134.00 603.00

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

**Maddux North - Geotech Support for Env Remediation
 02 Task 2 - Geotechnical Engineering Analyses for Remediation**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Staff 3

Marica O. Otto

Shoring considerations for environmental remediation excavation

Professional Services 03/13/2019 2.00 134.00 268.00

Shoring system alternatives analysis for remedial excavation

Professional Services 03/14/2019 1.00 134.00 134.00

Shoring considerations for environmental remediation excavation

Professional Services 03/15/2019 1.75 134.00 234.50

Shoring considerations for environmental remediation excavation

Professional Services 03/18/2019 3.75 134.00 502.50

Shoring alternatives analysis for remedial excavation

Professional Services 03/25/2019 0.75 134.00 100.50

Cross-section markups for remedial excavation

Subtotal **22.25** **2,981.50**

Sr. CAD

Steve C. Cudd

Professional Services 02/25/2019 0.50 130.00 65.00

Cross Section Data Preparation

Professional Services 02/26/2019 5.50 130.00 715.00

Site Plan and Cross Section Preparation

Subtotal **6.00** **780.00**

Labor total **37.00** **5,679.75**

**Maddux North - Geotech Support for Env Remediation
 03 Task 3 - Geotechnical Reporting for Remediation**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Staff 3

Marica O. Otto

Professional Services 03/29/2019 2.00 134.00 268.00

Reporting: geotechnical support for remedial excavation

Subtotal **2.00** **268.00**

Sr. CAD

Steve C. Cudd

Professional Services 03/20/2019 3.50 130.00 455.00

Figure Set Preparation-Cross Sections

Professional Services 03/21/2019 2.50 130.00 325.00

Figure Set Preparation-Cross Sections

Professional Services 03/22/2019 2.00 130.00 260.00

Figure Set Preparation-Cross Sections

Professional Services 03/27/2019 1.00 130.00 130.00

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

**Maddux North - Geotech Support for Env Remediation
 03 Task 3 - Geotechnical Reporting for Remediation**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Sr. CAD

Steve C. Cudd

Figure Set Preparation-Cross Sections

Subtotal	9.00		1,170.00
Labor total	11.00		1,438.00

**Maddux North - Geotech Support for Env Remediation
 04 Task 4 - Design Collaboration and Permit Support**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Principal 1

Erik O. Andersen

Professional Services 02/25/2019 1.00 239.00 239.00

Input to the shoring required for remedial excavation at Maddux North

Professional Services 02/26/2019 1.00 239.00 239.00

Email correspondence to the team regarding the deep hole required for remedial excavation.

Subtotal	2.00		478.00
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Project 2

Spencer J. Ambauen

Professional Services 02/25/2019 1.50 155.00 232.50

Temporary shoring design collaboration meeting with Aspect environmental team

Professional Services 03/04/2019 2.25 155.00 348.75

Temporary shoring design approach discussion and collaboration meeting with Aspect environmental team

Professional Services 03/08/2019 1.25 155.00 193.75

Collaboration with environmental team for feasibility study cost estimates

Professional Services 03/11/2019 2.00 155.00 310.00

Temporary shoring design approach discussion, correspondence with contractors, collaboration meeting with Aspect environmental team

Professional Services 03/13/2019 0.75 155.00 116.25

Temporary shoring design approach discussion, correspondence with contractors, preliminary shoring analysis and costs

Professional Services 03/14/2019 1.25 155.00 193.75

Preliminary shoring analysis and costs

Professional Services 03/15/2019 1.50 155.00 232.50

Preliminary shoring analysis and costs

Professional Services 03/17/2019 1.00 155.00 155.00

Temporary shoring alternatives discussion

Professional Services 03/18/2019 0.75 155.00 116.25

Coordination team meeting to discuss environmental remedial excavations

Professional Services 03/22/2019 1.25 155.00 193.75

Design coordination and correspondence for remedial excavations

Professional Services 03/25/2019 1.00 155.00 155.00

Geotechnical team meeting re: remedial excavation tasks

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

**Maddux North - Geotech Support for Env Remediation
 04 Task 4 - Design Collaboration and Permit Support**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Project 2

Spencer J. Ambauen

Professional Services 03/28/2019 1.00 155.00 155.00
Geotechnical team meeting re: remedial excavation tasks

Subtotal **15.50 2,402.50**

Staff 3

Marica O. Otto

Professional Services 03/04/2019 1.25 134.00 167.50
Temporary shoring design approach discussion and collaboration meeting with Aspect environmental team

Professional Services 03/18/2019 0.75 134.00 100.50
Collaboration meeting with Aspect environmental team

Professional Services 03/22/2019 0.50 134.00 67.00
Cross-section markups for remedial excavation

Professional Services 03/25/2019 1.00 134.00 134.00
Geotechnical team meeting re: remedial excavation tasks

Professional Services 03/28/2019 1.00 134.00 134.00
Geotechnical team meeting re: remedial excavation tasks

Subtotal **4.50 603.00**

Labor total **22.00 3,483.50**

**Maddux North - Geotech Support for Env Remediation
 05 Task 5 - Project Management and Coordination**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Project 2

Spencer J. Ambauen

Professional Services 02/25/2019 0.50 155.00 77.50
Project management for environmental remediation tasks

Professional Services 02/28/2019 0.50 155.00 77.50
Project management for environmental remediation tasks

Professional Services 03/01/2019 0.75 155.00 116.25
Project management for environmental remediation tasks

Professional Services 03/05/2019 0.75 155.00 116.25
Project management for environmental remediation tasks

Professional Services 03/11/2019 0.75 155.00 116.25
Project management for environmental remediation tasks

Professional Services 03/14/2019 0.50 155.00 77.50
Project management for environmental remediation tasks

Subtotal **3.75 581.25**

Staff 3

Marica O. Otto

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

**Maddux North - Geotech Support for Env Remediation
 05 Task 5 - Project Management and Coordination**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor

WIP Status: Billable

Staff 3

Marica O. Otto

Professional Services 03/25/2019 0.25 134.00 33.50
Project management for environmental remediation tasks

Subtotal **0.25 33.50**

Coordinator 2

Carla D. Hanafee

Professional Services 02/25/2019 0.25 98.00 24.50
Project administration.

Subtotal **0.25 24.50**

Miroslava Ramsey

Professional Services 02/26/2019 0.25 98.00 24.50
Project administration

Subtotal **0.25 24.50**

Coordinator 1

Joey M. Miramontez

Professional Services 03/07/2019 0.25 93.00 23.25
Project status update

Subtotal **0.25 23.25**

Labor total **4.75 687.00**

Maddux South - Geotech Support for Env Remediation

01 Task 1 - Geotechnical Data Review and Geologic Interpretations

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor

WIP Status: Billable

Project 2

Spencer J. Ambauen

Professional Services 02/23/2019 3.75 155.00 581.25
Review of subsurface conditions for temporary shoring design, geotech cross section figures

Professional Services 02/26/2019 3.25 155.00 503.75
Temporary shoring cross section figures, review of boring logs, geologic interpretations

Professional Services 02/27/2019 1.25 155.00 193.75
Temporary shoring cross sections, figures, survey data review and correspondence

Professional Services 02/28/2019 1.25 155.00 193.75
Temporary shoring cross section figures, review of boring logs, geologic interpretations

Subtotal **9.50 1,472.50**

Staff 3

Marica O. Otto

Professional Services 02/23/2019 3.50 134.00 469.00
Review of subsurface conditions for temporary shoring design, geotech cross section figures

Professional Services 02/25/2019 3.50 134.00 469.00

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

**Maddux South - Geotech Support for Env Remediation
 01 Task 1 - Geotechnical Data Review and Geologic Interpretations**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Staff 3

Marica O. Otto

1.75hr: Review of subsurface conditions for temporary shoring design, geotech cross section figures
 1.25hr: Temporary shoring design collaboration meeting with Aspect environmental team
 0.5hr: Project management for environmental remediation tasks

Professional Services	03/07/2019	4.50	134.00	603.00
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Temporary shoring cross section figures, review of boring logs, geologic interpretations

Subtotal		11.50		1,541.00
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Sr. CAD

Caroline M. Van Slyke

Professional Services	02/27/2019	4.00	130.00	520.00
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Create new cross sections and modify site plan based on new survey data.

Subtotal		4.00		520.00
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Labor total		25.00		3,533.50
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**Maddux South - Geotech Support for Env Remediation
 02 Task 2 - Geotechnical Engineering Analyses for Remediation**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Principal 1

Erik O. Andersen

Professional Services	03/04/2019	0.50	239.00	119.50
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Internal meeting to discuss remedial excavation for maddux south

Professional Services	03/05/2019	1.00	239.00	239.00
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Email communications regarding shoring for remedial excavation

Professional Services	03/15/2019	1.00	239.00	239.00
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Email correspondence with CPL and architect about remedial excavation methods

Subtotal		2.50		597.50
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Project 2

Spencer J. Ambauen

Professional Services	03/18/2019	0.50	155.00	77.50
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Shoring alternatives analysis for remedial excavation

Subtotal		0.50		77.50
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Staff 3

Marica O. Otto

Professional Services	03/13/2019	4.50	134.00	603.00
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Shoring considerations for environmental remediation excavation

Professional Services	03/25/2019	1.00	134.00	134.00
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Cross-section markups for remedial excavation

Subtotal		5.50		737.00
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Sr. CAD

Steve C. Cudd

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

**Maddux South - Geotech Support for Env Remediation
 02 Task 2 - Geotechnical Engineering Analyses for Remediation**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Sr. CAD

Steve C. Cudd

Professional Services 02/25/2019 0.50 130.00 65.00

Cross Section Data Preparation

Professional Services 02/26/2019 3.00 130.00 390.00

Site Plan and Cross Section Preparation

Subtotal **3.50 455.00**

Labor total **12.00 1,867.00**

**Maddux South - Geotech Support for Env Remediation
 03 Task 3 - Geotechnical Reporting for Remediation**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Sr. CAD

Steve C. Cudd

Professional Services 03/22/2019 3.25 130.00 422.50

Figure Set Preparation-Cross Sections

Professional Services 03/25/2019 1.50 130.00 195.00

Figure Set Preparation-Cross Sections

Professional Services 03/27/2019 1.00 130.00 130.00

Figure Set Preparation-Cross Sections

Subtotal **5.75 747.50**

Labor total **5.75 747.50**

**Maddux South - Geotech Support for Env Remediation
 04 Task 4 - Design Collaboration and Permit Support**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Principal 1

Erik O. Andersen

Professional Services 02/25/2019 1.00 239.00 239.00

Input to the shoring required for remedial excavation at Maddux South

Subtotal **1.00 239.00**

Project 2

Spencer J. Ambauen

Professional Services 02/25/2019 1.25 155.00 193.75

Temporary shoring design collaboration meeting with Aspect environmental team

Professional Services 03/04/2019 2.25 155.00 348.75

Temporary shoring design approach discussion and collaboration meeting with Aspect environmental team

Professional Services 03/08/2019 1.00 155.00 155.00

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

**Maddux South - Geotech Support for Env Remediation
 04 Task 4 - Design Collaboration and Permit Support**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Project 2

Spencer J. Ambauen

Collaboration with environmental team for feasibility study cost estimates

Professional Services	03/11/2019	2.00	155.00	310.00
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Temporary shoring design approach discussion, correspondence with contractors, collaboration meeting with Aspect environmental team

Professional Services	03/13/2019	0.75	155.00	116.25
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Preliminary shoring analysis and costs

Professional Services	03/14/2019	1.00	155.00	155.00
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Preliminary shoring analysis and costs

Professional Services	03/15/2019	1.50	155.00	232.50
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Preliminary shoring analysis and costs

Professional Services	03/18/2019	0.50	155.00	77.50
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Coordination team meeting to discuss environmental remedial excavations

Professional Services	03/22/2019	1.00	155.00	155.00
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Design coordination and correspondence for remedial excavations

Professional Services	03/25/2019	1.00	155.00	155.00
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Geotechnical team meeting re: remedial excavation tasks

Professional Services	03/28/2019	1.00	155.00	155.00
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Geotechnical team meeting re: remedial excavation tasks

Subtotal		13.25		2,053.75
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Staff 3

Marica O. Otto

Professional Services	03/04/2019	1.00	134.00	134.00
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Temporary shoring design approach discussion and collaboration meeting with Aspect environmental team

Professional Services	03/18/2019	0.50	134.00	67.00
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Collaboration meeting with Aspect environmental team

Professional Services	03/22/2019	2.25	134.00	301.50
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Cross-section markups for remedial excavation

Professional Services	03/25/2019	1.00	134.00	134.00
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Geotechnical team meeting re: remedial excavation tasks

Professional Services	03/28/2019	1.00	134.00	134.00
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Geotechnical team meeting re: remedial excavation tasks

Subtotal		5.75		770.50
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Labor total		20.00		3,063.25
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**Maddux South - Geotech Support for Env Remediation
 05 Task 5 - Project Management and Coordination**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Project 2

Spencer J. Ambauen

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

**Maddux South - Geotech Support for Env Remediation
 05 Task 5 - Project Management and Coordination**

Phase Status: Active

Billing Cutoff: 03/29/2019

Date	Units	Rate	Amount
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Labor

WIP Status: Billable

Project 2

Spencer J. Ambauen

Professional Services	02/25/2019	0.50	155.00	77.50
<i>Project management for environmental remediation tasks</i>				
Professional Services	02/28/2019	0.50	155.00	77.50
<i>Project management for environmental remediation tasks</i>				
Professional Services	03/01/2019	1.00	155.00	155.00
<i>Project management for environmental remediation tasks</i>				
Professional Services	03/05/2019	0.75	155.00	116.25
<i>Project management for environmental remediation tasks</i>				
Professional Services	03/11/2019	0.75	155.00	116.25
<i>Project management for environmental remediation tasks</i>				
Professional Services	03/14/2019	0.50	155.00	77.50
<i>Project management for environmental remediation tasks</i>				

Subtotal **4.00** **620.00**

Staff 3

Marica O. Otto

Professional Services	03/25/2019	0.25	134.00	33.50
<i>Project management for environmental remediation tasks</i>				

Subtotal **0.25** **33.50**

Coordinator 2

Carla D. Hanafee

Professional Services	02/26/2019	0.25	98.00	24.50
<i>Project administration.</i>				

Subtotal **0.25** **24.50**

Labor total **4.50** **678.00**



INVOICE

Mt. Baker Housing Association
 Conor Hansen
 2916 S MCCLELLAN ST
 SEATTLE, WA 98144

Invoice number 32834
 Date 04/12/2019

Project 160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

Professional Services for the Period 03/09/2019 to 04/05/2019

Insurance Carriers:
 Safeco/Resolute # P21D-451797-01
 Zurich # 9120125867

Services completed during this invoice period include:

- Continued preparation of the RI report.
- Began preparation of the Feasibility Study.
- Prepared the Contained-In Determination Request for the 4 parcels on S. McClellan St. and submitted the request to Ecology.
- Attended design team meetings to provide environmental and geotechnical information to support construction design and planning.
- Obtained access to 4 of the 6 residential parcels located south of S. McClellan St and completed the Vapor Intrusion evaluation. This included obtaining indoor air, ambient air, and soil vapor samples from each property (a total of 12 samples), installation and development of two groundwater monitoring wells (AMW-22 and AMW-24), and obtaining groundwater samples from the two wells.
- Prepared for and attended meetings with Ching-Pi Wang and Sandra Matthews of Ecology to discuss the Vapor Intrusion Evaluation plan and results.
- Continued communications with Sound Transit to request access to their property to install a groundwater monitoring well to evaluate the lateral extent of the solvent plume, which included preparation of a letter to send to Sound Transit in response to Sound Transit's March 29, 2019 meeting with Ecology.
- Began planning a dewatering evaluation to support potential groundwater treatment and dewatering during the cleanup action.

Aspect's services related solely to the former Phillips 66 gas station (not related to the solvent-contaminated soil/groundwater or the larger "Site") are presented in a separate invoice.

Task 8 - Supplemental RI Activities

Subtask 8.5 - Preparation of Draft and Final RI Reports

Professional Services		Hours	Rate	Billed Amount
Staff 3	<i>Kristin E. Beck</i>	9.00	134.00	1,206.00
Staff 3	<i>Robyn A. Pepin</i>	2.75	134.00	368.50
Staff 2	<i>Jordan Sanford</i>	1.00	121.00	121.00
Phase subtotal				1,695.50

Subtask 8.6 - Preparation of a Contained-In Determination (CID) Request

Professional Services		Hours	Rate	Billed Amount
Principal 2	<i>David A. Cook</i>	1.50	253.00	379.50
Associate	<i>Jessica A. Smith</i>	7.00	207.00	1,449.00
Staff 3	<i>Jason S. Yabandeh</i>	0.75	134.00	100.50
Staff 3	<i>Kristin E. Beck</i>	1.50	134.00	201.00
Sr. CAD	<i>Steve C. Cudd</i>	1.25	130.00	162.50

Task 8 - Supplemental RI Activities

Subtask 8.6 - Preparation of a Contained-In Determination (CID) Request

Professional Services		Hours	Rate	Billed Amount
Staff 2	<i>Jordan Sanford</i>	1.00	121.00	121.00
Staff 2	<i>Taylor D. Rulien</i>	1.00	121.00	121.00
Coordinator 1	<i>Kim E. Peabody</i>	1.00	93.00	93.00
Coordinator 1	<i>Mary M. Ratcliffe</i>	3.25	93.00	302.25
Phase subtotal				2,929.75

Subtask 8.7 - Preparation of an FS, DCA, and CAP

Professional Services		Hours	Rate	Billed Amount
Project 1	<i>Andrew J. Yonkofski</i>	43.75	145.00	6,343.75
Phase subtotal				6,343.75

Subtask 8.8 - Meetings, Communication, and As Requested Support

Professional Services		Hours	Rate	Billed Amount
Principal 2	<i>David A. Cook</i>	16.25	253.00	4,111.25
Associate	<i>Jessica A. Smith</i>	31.50	207.00	6,520.50
Staff 3	<i>Kristin E. Beck</i>	9.75	134.00	1,306.50
Sr. Editor	<i>Mike E. Maisen</i>	1.75	115.00	201.25
Coordinator 1	<i>Joey M. Miramontez</i>	3.25	93.00	302.25
Phase subtotal				12,441.75

Subtask 8.9 - RI Mob #6, ST Monitoring Well

Professional Services		Hours	Rate	Billed Amount
Associate	<i>Jessica A. Smith</i>	3.75	207.00	776.25
Staff 2	<i>Taylor D. Rulien</i>	0.75	121.00	90.75
Phase subtotal				867.00

Subtask 8.10 - RI Mob #7, VI and GW Evaluation on Private Property

Professional Services		Hours	Rate	Billed Amount
Principal 2	<i>David A. Cook</i>	13.00	253.00	3,289.00
Associate	<i>Jessica A. Smith</i>	20.75	207.00	4,295.25
Staff 3	<i>Amelia Oates</i>	6.00	134.00	804.00
Staff 3	<i>Breeyn M. Greer</i>	0.50	134.00	67.00
Staff 3	<i>Kristin E. Beck</i>	38.00	134.00	5,092.00
Staff 2	<i>Daniel R. Babcock</i>	7.50	121.00	907.50
Staff 2	<i>Isabellah V. von Trapp</i>	3.50	121.00	423.50
Staff 2	<i>Taylor D. Rulien</i>	1.25	121.00	151.25
Coordinator 1	<i>Mary M. Ratcliffe</i>	1.25	93.00	116.25
Expense		Units	Rate	Billed Amount
Gilian Low-Flow Air Pump / Daily		2.00	35.00	70.00
Field Computer / Daily		2.00	30.00	60.00

Task 8 - Supplemental RI Activities

Subtask 8.10 - RI Mob #7, VI and GW Evaluation on Private Property

Expense	Units	Rate	Billed Amount
Field Supplies			-310.50
Flow-through Cell, YSI / Daily	1.00	75.00	75.00
Mileage	5.00	0.58	2.90
PID (Photoionization Detector) / Daily	3.00	65.00	195.00
Pressure Transducer, Barometric / Daily	1.00	30.00	30.00
Pressure Transducer/Datalogger, INW / Daily	4.00	55.00	220.00
Pump, 12V Submersible / Daily	1.00	40.00	40.00
Pump, Peristaltic, Geotech / Daily	2.00	55.00	110.00
Turbidimeter, Hach 2100P / Daily	2.00	15.00	30.00
Water Level Indicator, 100 - 300 ft /Daily	3.00	15.00	45.00
Cox-Colvin sub-slab vapor pin - temporary use with removal/Each	3.00	25.00	75.00
Helium Leak Test Shroud/Each (Includes disposable fittings and tubing)	4.00	25.00	100.00
Subcontracted Services	Units	Rate	Billed Amount
Applied Professional Services Inc.			207.00
Cascade Drilling, LP			2,855.17
Friedman & Bruya, Inc.			6,969.00
Phase subtotal			25,919.32

Subtask 8.12 - Dewatering Evaluation

Professional Services		Hours	Rate	Billed Amount
Associate	Jessica A. Smith	3.00	207.00	621.00
Associate	Joseph N. Morrice	0.50	207.00	103.50
Senior 1	Andrew C. Austreng	3.25	182.00	591.50
Project 2	Spencer J. Ambauen	3.00	155.00	465.00
Staff 3	Kristin E. Beck	5.00	134.00	670.00
Staff 3	Marica O. Otto	2.50	134.00	335.00
Expense		Units	Rate	Billed Amount
Micro Diver / Daily		10.00	50.00	500.00
Phase subtotal				3,286.00
Task 8 - Supplemental RI Activities subtotal				53,483.07

Invoice total 53,483.07

Invoice Summary

Description	Contract Amount	Prior Billed	Current Billed	Remaining Amount	Remaining Percent
Task 8 - Supplemental RI Activities					
Subtask 8.1 - General Environmental Support between January and July 2018	25,000.00	24,598.99	0.00	401.01	1.60
Subtask 8.2 - Remedial Investigation (RI) Drilling, Mobilization #4	54,000.00	36,432.26	0.00	17,567.74	32.53
Subtask 8.3 - RI Drilling, Mobilization #5, Mt. Baker Parcel Explorations	36,000.00	38,694.23	0.00	-2,694.23	-7.48

Invoice Summary

Description	Contract Amount	Prior Billed	Current Billed	Remaining Amount	Remaining Percent
Task 8 - Supplemental RI Activities					
Subtask 8.4 - Groundwater Sampling of All Monitoring Wells at the Site	30,000.00	29,857.94	0.00	142.06	0.47
Subtask 8.5 - Preparation of Draft and Final RI Reports	50,000.00	22,675.00	1,695.50	25,629.50	51.26
Subtask 8.6 - Preparation of a Contained-In Determination (CID) Request	10,000.00	14,814.75	2,929.75	-7,744.50	-77.45
Subtask 8.7 - Preparation of an FS, DCA, and CAP	90,000.00	3,469.50	6,343.75	80,186.75	89.10
Subtask 8.8 - Meetings, Communication, and As Requested Support	45,000.00	34,041.28	12,441.75	-1,483.03	-3.30
Subtask 8.9 - RI Mob #6, ST Monitoring Well	20,000.00	4,352.25	867.00	14,780.75	73.90
Subtask 8.10 - RI Mob #7, VI and GW Evaluation on Private Property	32,000.00	11,166.50	25,919.32	-5,085.82	-15.89
Subtask 8.11 - RI Mob#8, Dec. 2018 Mt. Baker Cleaners Drilling	28,500.00	28,283.93	0.00	216.07	0.76
Subtask 8.12 - Dewatering Evaluation	0.00	0.00	3,286.00	-3,286.00	0.00
Subtotal	420,500.00	248,386.63	53,483.07	118,630.30	28.21
Total	420,500.00	248,386.63	53,483.07	118,630.30	28.21

Aging Summary

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
32664	03/14/2019	24,971.00	24,971.00				
32834	04/12/2019	53,483.07	53,483.07				
	Total	78,454.07	78,454.07	0.00	0.00	0.00	0.00

*Please include invoice number on the check and submit to the address shown at the bottom of the invoice.
 Late payments may be subject to a 1.5% finance charge for each 30 days past due*

*If you have questions about your invoice, please contact us at 206-780-9370 or via email: invoices@aspectconsulting.com
 If you would like to pay via electronic payment, please contact us via email: AccountingAR@aspectconsulting.com*

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

Task 8 - Supplemental RI Activities

8.5 Subtask 8.5 - Preparation of Draft and Final RI Reports

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Staff 3

Kristin E. Beck

Professional Services	03/11/2019	3.00	134.00	402.00
<i>RI report text, tables</i>				
Professional Services	03/19/2019	0.75	134.00	100.50
<i>Review of dehalococoides data, RI report text</i>				
Professional Services	04/03/2019	2.00	134.00	268.00
<i>RI figures for soil gas and new wells</i>				
Professional Services	04/05/2019	0.75	134.00	100.50
<i>RI update scheduling following meeting with Ecology</i>				
Professional Services	04/08/2019	1.50	134.00	201.00
<i>Looking over scheduling for RI/cleanup; table and figure requests for new SG data</i>				
Professional Services	04/09/2019	1.00	134.00	134.00
<i>RI text and figure updates</i>				

Subtotal **9.00** **1,206.00**

Robyn A. Pepin

Professional Services	03/26/2019	2.00	134.00	268.00
<i>Revised chlorinated solvent figures (adding proposed well information and analytical data results) for ecology meeting</i>				
Professional Services	03/29/2019	0.75	134.00	100.50
<i>Updates to chlorinated solvents in soil figure: adding analytical result labels</i>				

Subtotal **2.75** **368.50**

Staff 2

Jordan Sanford

Professional Services	03/20/2019	0.50	121.00	60.50
<i>edit RI Work Plan for Jessica</i>				
Professional Services	03/21/2019	0.50	121.00	60.50
<i>finalize draft RI Work Plan for Jessica</i>				

Subtotal **1.00** **121.00**

Labor total **12.75** **1,695.50**

Task 8 - Supplemental RI Activities

8.6 Subtask 8.6 - Preparation of a Contained-In Determination (CID) Request

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Principal 2

David A. Cook

Professional Services	03/13/2019	1.50	253.00	379.50
<i>Rev CID letter</i>				

Subtotal **1.50** **379.50**

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

Task 8 - Supplemental RI Activities

8.6 Subtask 8.6 - Preparation of a Contained-In Determination (CID) Request

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor

WIP Status: Billable

Associate

Jessica A. Smith

Professional Services	03/18/2019	0.75	207.00	155.25
<i>Discuss CID report edits w/ KB</i>				
Professional Services	03/20/2019	4.00	207.00	828.00
<i>Review and revise CID report, research DW regulations, prepare draft</i>				
Professional Services	03/21/2019	1.75	207.00	362.25
<i>Finish CID draft report, send to Mike and Conor</i>				
Professional Services	03/27/2019	0.50	207.00	103.50
<i>Review final, send to DOE</i>				

Subtotal **7.00** **1,449.00**

Staff 3

Jason S. Yabandeh

Professional Services	03/29/2019	0.75	134.00	100.50
<i>Generating table for labels figure of chlorinated solvents in soil</i>				

Subtotal **0.75** **100.50**

Kristin E. Beck

Professional Services	03/20/2019	0.50	134.00	67.00
<i>Figure revisions, text revisions</i>				
Professional Services	03/21/2019	1.00	134.00	134.00
<i>DW calculations, figure edits</i>				

Subtotal **1.50** **201.00**

Sr. CAD

Steve C. Cudd

Professional Services	03/20/2019	0.25	130.00	32.50
<i>Figure Preparation</i>				
Professional Services	03/21/2019	1.00	130.00	130.00
<i>Figure Preparation-Cross Section</i>				

Subtotal **1.25** **162.50**

Staff 2

Jordan Sanford

Professional Services	03/27/2019	1.00	121.00	121.00
<i>finalize CID letter for Jessica</i>				

Subtotal **1.00** **121.00**

Taylor D. Rulien

Professional Services	03/21/2019	1.00	121.00	121.00
<i>Figure Edits CID report</i>				

Subtotal **1.00** **121.00**

Coordinator 1

Kim E. Peabody

Professional Services	03/28/2019	1.00	93.00	93.00
<i>Produced 2019 CID File to be sent to Ecology</i>				

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

Task 8 - Supplemental RI Activities

8.6 Subtask 8.6 - Preparation of a Contained-In Determination (CID) Request

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor

WIP Status: Billable

Coordinator 1

Subtotal **1.00** **93.00**

Mary M. Ratcliffe

Professional Services 03/20/2019 2.00 93.00 186.00

Edit and formatting of four tables, seven figures, and CID Request Letter.

Professional Services 03/21/2019 1.25 93.00 116.25

Finalized CID Request Letter.

Subtotal **3.25** **302.25**

Labor total **18.25** **2,929.75**

Task 8 - Supplemental RI Activities

8.7 Subtask 8.7 - Preparation of an FS, DCA, and CAP

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor

WIP Status: Billable

Project 1

Andrew J. Yonkofski

Professional Services 02/12/2019 2.00 145.00 290.00

Review historical site data in preparation for selection of remedial alternatives to evaluate during FS

Professional Services 02/14/2019 3.50 145.00 507.50

Review historical site data in preparation for selection of remedial alternatives to evaluate during FS

Professional Services 03/09/2019 1.00 145.00 145.00

Develop remedial alternative cost tables

Professional Services 03/10/2019 1.50 145.00 217.50

Develop remedial alternative cost tables

Professional Services 03/11/2019 4.75 145.00 688.75

Weekly progress meeting (0.75); develop cost tables (1.25); discuss project scope with Cascade Thermal (1); separate releases in FS document (1.25)

Professional Services 03/12/2019 6.00 145.00 870.00

Break remedial alternatives into two focused FSs; meet with ERH contractors

Professional Services 03/13/2019 5.50 145.00 797.50

Prepare FS tables for Phillips 66 parcels

Professional Services 03/14/2019 4.25 145.00 616.25

Finish bid requests and meetings with ERH and ISCO contractors

Professional Services 03/19/2019 6.25 145.00 906.25

Update tables with quotes from subcontractors; begin preparation of the DCA

Professional Services 03/25/2019 5.25 145.00 761.25

Weekly coordination meeting to discuss FS progress; obtain quotes from sub-slab depressurization contractors; revise FS layout; discuss ERH treatment options with vendors

Professional Services 04/01/2019 2.25 145.00 326.25

Meeting with team to discuss overlap between geotech and environmental components of the FS and cleanup

Professional Services 04/05/2019 0.75 145.00 108.75

Teleconference with project team to discuss schedule for report and project load

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

Task 8 - Supplemental RI Activities

8.7 Subtask 8.7 - Preparation of an FS, DCA, and CAP

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Project 1

Andrew J. Yonkofski

Professional Services	04/08/2019	0.75	145.00	108.75
<i>Internal team status meeting</i>				

Subtotal	43.75			6,343.75
Labor total	43.75			6,343.75

Task 8 - Supplemental RI Activities

8.8 Subtask 8.8 - Meetings, Communication, and As Requested Support

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Principal 2

David A. Cook

Professional Services	03/14/2019	0.75	253.00	189.75
<i>PM, insur info</i>				
Professional Services	03/22/2019	2.50	253.00	632.50
<i>Ecology meeting with Ching-Pi and Sandra</i>				
Professional Services	03/25/2019	1.50	253.00	379.50
<i>Int team coord mtg; Ecol planning</i>				
Professional Services	03/26/2019	2.00	253.00	506.00
<i>Call re: insur rec w/ PerkinsC</i>				
Professional Services	03/27/2019	1.00	253.00	253.00
<i>Public works approach eval; Email comms</i>				
Professional Services	04/01/2019	2.50	253.00	632.50
<i>Internal GT/ENV cleanup plan mtg</i>				
<i>Rev data for 29th Ave study</i>				
<i>Prep for Tues Design team and Contractor mtg and rev powerpt</i>				
Professional Services	04/02/2019	4.00	253.00	1,012.00
<i>Rev data present for design/constr team mtg</i>				
<i>Mtg at Mithun w/WG Clark, CPL, Beacon, MBHA re: cleanup, shoring, backfill, VI planning</i>				
Professional Services	04/05/2019	2.00	253.00	506.00
<i>Mtg w/Ecol to discuss 29th Ave study prelim results: CID; and Cleanup schedule</i>				

Subtotal	16.25			4,111.25
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Associate

Jessica A. Smith

Professional Services	03/11/2019	2.00	207.00	414.00
<i>Internal coordination meeting prep and lead, invoice</i>				
Professional Services	03/12/2019	0.50	207.00	103.50
<i>Invoice review</i>				
Professional Services	03/14/2019	1.50	207.00	310.50
<i>review and revise invoices</i>				
Professional Services	03/15/2019	2.50	207.00	517.50
<i>Progress report, talk to Dave, budget summary to Restorical and Perkins, invoice revisions w/ accounting</i>				

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

Task 8 - Supplemental RI Activities

8.8 Subtask 8.8 - Meetings, Communication, and As Requested Support

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor

WIP Status: Billable

Associate

Jessica A. Smith

Professional Services	03/18/2019	1.50	207.00	310.50
<i>Internal coordination meeting, follow-up on insurer payment</i>				
Professional Services	03/21/2019	0.50	207.00	103.50
<i>Coordinate w/ Perkins about Insurance and payments</i>				
Professional Services	03/22/2019	2.50	207.00	517.50
<i>Ecology meeting w/ Ching-Pi and Sandra</i>				
Professional Services	03/25/2019	1.50	207.00	310.50
<i>Internal coordination meeting, set up meeting w/ Mike and Conor</i>				
Professional Services	03/26/2019	3.50	207.00	724.50
<i>Insurance call w/ Mike and Nick, Call w/ Mike and Conor</i>				
Professional Services	03/27/2019	2.00	207.00	414.00
<i>Budget analysis, look into overpayment reimbursement.</i>				
Professional Services	04/01/2019	3.00	207.00	621.00
<i>Internal coordination to prep for design team meeting</i>				
Professional Services	04/02/2019	3.50	207.00	724.50
<i>Design Team meeting</i>				
Professional Services	04/05/2019	2.50	207.00	517.50
<i>Ecology Meeting with Ching-Pi and Sandra to discuss VI results and next steps for the RI/FS</i>				
Professional Services	04/08/2019	1.00	207.00	207.00
<i>internal coordination meeting</i>				
Professional Services	04/09/2019	2.75	207.00	569.25
<i>Review invoices and prepare progress reports</i>				
Professional Services	04/10/2019	0.75	207.00	155.25
<i>Work w/ accounting on invoices</i>				

Subtotal		31.50		6,520.50
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Staff 3

Kristin E. Beck

Professional Services	03/11/2019	1.25	134.00	167.50
<i>Coordination meeting with Aspect team</i>				
Professional Services	03/18/2019	1.25	134.00	167.50
<i>Aspect Team meeting, geotech and environmental coordination</i>				
Professional Services	03/22/2019	3.50	134.00	469.00
<i>meeting prep, Meeting with Ecology, figures requests for Ching Pi meeting with Sound Transit</i>				
Professional Services	03/25/2019	0.50	134.00	67.00
<i>Aspect team coordination meeting</i>				
Professional Services	04/05/2019	1.75	134.00	234.50
<i>Prep for meeting with Ecology on soil gas data and new gw data, meeting with Ecology</i>				
Professional Services	04/08/2019	1.50	134.00	201.00
<i>Aspect team meeting and follow up</i>				

Subtotal		9.75		1,306.50
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Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

Task 8 - Supplemental RI Activities

8.8 Subtask 8.8 - Meetings, Communication, and As Requested Support

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor

WIP Status: Billable

Sr. Editor

Mike E. Maisen

Professional Services 03/15/2019 0.50 115.00 57.50
edit/producing March 2019 progress reports

Professional Services 04/08/2019 1.25 115.00 143.75
edit/produce Draft Sound Transit Letter

Subtotal **1.75 201.25**

Coordinator 1

Joey M. Miramontez

Professional Services 03/12/2019 0.50 93.00 46.50
Project status update

Professional Services 03/15/2019 0.25 93.00 23.25
Project status update

Professional Services 03/26/2019 1.25 93.00 116.25
Project status update - client receipt data analysis.

Professional Services 04/05/2019 0.25 93.00 23.25
Project Status Update

Professional Services 04/08/2019 0.25 93.00 23.25
Project status update

Professional Services 04/09/2019 0.75 93.00 69.75
Project status update

Subtotal **3.25 302.25**

Labor total **62.50 12,441.75**

Task 8 - Supplemental RI Activities

8.9 Subtask 8.9 - RI Mob #6, ST Monitoring Well

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor

WIP Status: Billable

Associate

Jessica A. Smith

Professional Services 04/05/2019 2.50 207.00 517.50
Write letter to be sent to ST

Professional Services 04/08/2019 1.00 207.00 207.00
Send ST Access Request letter to Conor, Mike and Ecology. Revise based on Mike's comments. Re-send to Ecology

Professional Services 04/10/2019 0.25 207.00 51.75
Check in w/ Ecology about letter

Subtotal **3.75 776.25**

Staff 2

Taylor D. Rulien

Professional Services 04/05/2019 0.75 121.00 90.75
Figures 1, 2 and 3

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

Task 8 - Supplemental RI Activities

8.9 Subtask 8.9 - RI Mob #6, ST Monitoring Well

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable
 Staff 2

Subtotal	0.75		90.75
Labor total	4.50		867.00

Task 8 - Supplemental RI Activities

8.10 Subtask 8.10 - RI Mob #7, VI and GW Evaluation on Private Property

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable
 Principal 2

David A. Cook

Professional Services	03/20/2019	2.00	253.00	506.00
<i>Review private property work plan and VI rationale</i>				
Professional Services	03/21/2019	1.00	253.00	253.00
<i>VI WP revisions</i>				
Professional Services	03/22/2019	2.00	253.00	506.00
<i>Pre ecol mtg prep P66 data rev Call w/M Dunning</i>				
Professional Services	03/28/2019	1.00	253.00	253.00
<i>PM, Fld Brf, VI and well planning</i>				
Professional Services	04/03/2019	2.50	253.00	632.50
<i>Rev air and GW data re: 29th Ave study Rev air and GW data re: 29th Ave study</i>				
Professional Services	04/04/2019	2.50	253.00	632.50
<i>Comms re: CID letter VI data eval of prop along 29th</i>				
Professional Services	04/05/2019	2.00	253.00	506.00
<i>Data review, internal comms re: indoor air and gw results along 29th Ave Mtg w/Ecol to discuss 29th Ave study prelim results: CID; and Cleanup schedule</i>				
Subtotal		13.00		3,289.00

Associate

Jessica A. Smith

Professional Services	03/14/2019	0.50	207.00	103.50
<i>property access</i>				
Professional Services	03/19/2019	2.50	207.00	517.50
<i>Review Work Plan</i>				
Professional Services	03/20/2019	3.00	207.00	621.00
<i>Finish WP and send to Dave, Revise WP, Review Ecology's guidance on soil gas, indoor air, and ambient air sampling and send to production</i>				
Professional Services	03/21/2019	1.75	207.00	362.25
<i>Finish WP, send draft to Mike and Conor</i>				
Professional Services	03/27/2019	1.00	207.00	207.00
<i>Review final WP and send to DOE, field work schedule and prep</i>				
Professional Services	03/28/2019	1.25	207.00	258.75

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

Task 8 - Supplemental RI Activities

8.10 Subtask 8.10 - RI Mob #7, VI and GW Evaluation on Private Property

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Associate

Jessica A. Smith

Discuss plan for VI evaluation

Professional Services	03/29/2019	1.50	207.00	310.50
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Field work support

Professional Services	04/01/2019	0.50	207.00	103.50
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Review field forms from VI sampling

Professional Services	04/02/2019	2.50	207.00	517.50
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Data review and analysis

Professional Services	04/03/2019	0.75	207.00	155.25
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Review field docs and COCs, discuss results and next steps w/KB

Professional Services	04/03/2019	2.00	207.00	414.00
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Discuss soil gas results, call Conor and Mike

Professional Services	04/04/2019	2.00	207.00	414.00
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Tables and figures summarizing data. Talk to lab about RLs

Professional Services	04/05/2019	1.50	207.00	310.50
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Revise tables, send to DOE

Subtotal		20.75		4,295.25
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Staff 3

Amelia Oates

Professional Services	03/26/2019	0.50	134.00	67.00
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discussed upcoming GW sampling with KB

Professional Services	04/01/2019	5.25	134.00	703.50
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Conducted groundwater sampling at new wells

Professional Services	04/02/2019	0.25	134.00	33.50
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Scanned and saved documents to project folder, handed of hard copies to KB

Subtotal		6.00		804.00
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Breeyn M. Greer

Professional Services	03/25/2019	0.50	134.00	67.00
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White paint for One Call

Subtotal		0.50		67.00
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Kristin E. Beck

Professional Services	03/14/2019	2.50	134.00	335.00
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Site visits, conversations with homeowners about access agreements, preparing new agreement for 2821

Professional Services	03/19/2019	2.00	134.00	268.00
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Revising access agreement and informational sheet for 2813 propert, VI Work plan edits

Professional Services	03/20/2019	2.75	134.00	368.50
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Figures for VI report, revising VI report, site visits to obtain access agreement at 2813 29th Ave S

Professional Services	03/22/2019	1.25	134.00	167.50
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scheduling drilling, property access, field prep

Professional Services	03/25/2019	0.75	134.00	100.50
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Field prep, drilling coordination

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

Task 8 - Supplemental RI Activities

8.10 Subtask 8.10 - RI Mob #7, VI and GW Evaluation on Private Property

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor	WIP Status: Billable			
Staff 3				
Kristin E. Beck				
Professional Services	03/26/2019	0.75	134.00	100.50
<i>Field prep and coordination</i>				
Professional Services	03/27/2019	1.00	134.00	134.00
<i>Field prep</i>				
Professional Services	03/28/2019	1.00	134.00	134.00
<i>Field prep with JAS and DC, contacting property owners</i>				
Professional Services	03/29/2019	12.25	134.00	1,641.50
<i>Drilling and soil gas sampling, AMW-22, ASVs</i>				
Professional Services	03/30/2019	5.50	134.00	737.00
<i>Well installation, well development, ASV-11 drilling, collecting indoor and ambient samples</i>				
Professional Services	03/31/2019	1.00	134.00	134.00
<i>Paperwork, sample retrieval for AAM-11/AIN-11</i>				
Professional Services	04/01/2019	0.75	134.00	100.50
<i>Field support for GW sampling, paperwork from field work</i>				
Professional Services	04/02/2019	1.50	134.00	201.00
<i>Paperwork and field followup; data review</i>				
Professional Services	04/03/2019	1.25	134.00	167.50
<i>Meeting to go over VI results and gw results from AMW-22, AMW-24, and SG sampling on the residences</i>				
Professional Services	04/04/2019	2.50	134.00	335.00
<i>Tables for DOE, data review and maps; drum count from drilling</i>				
Professional Services	04/08/2019	0.25	134.00	33.50
<i>Expenses from drilling</i>				
Professional Services	04/10/2019	1.00	134.00	134.00
<i>Site visit to explain results to property owners, follow up phone calls</i>				
	Subtotal	38.00		5,092.00
Staff 2				
Daniel R. Babcock				
Professional Services	03/30/2019	6.50	121.00	786.50
<i>Oversite of installation of monitoring well AMW-24. Logged & sampled soil from AMW-24 boring. Developed AMW-24. 3/30/19. 6.5 hrs, DRB</i>				
Professional Services	03/31/2019	1.00	121.00	121.00
<i>Uploaded field materials to server. 3/31/19</i>				
	Subtotal	7.50		907.50
Isabellah V. von Trapp				
Professional Services	03/29/2019	3.50	121.00	423.50
<i>Soil vapor sampling at 2813 property and orthodontist office</i>				
	Subtotal	3.50		423.50
Taylor D. Rulien				
Professional Services	03/20/2019	0.50	121.00	60.50
<i>Vapor Intrusion Figure</i>				
Professional Services	03/21/2019	0.25	121.00	30.25

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

Task 8 - Supplemental RI Activities

8.10 Subtask 8.10 - RI Mob #7, VI and GW Evaluation on Private Property

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Staff 2

Taylor D. Rulien

minor edit (figure)

Professional Services	03/28/2019	0.50	121.00	60.50
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minor edits (AMW-23 adjust for three figures)

Subtotal		1.25		151.25
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Coordinator 1

Mary M. Ratcliffe

Professional Services	03/27/2019	1.25	93.00	116.25
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Edited changes to Work Plan and finalized Work Plan.

Subtotal		1.25		116.25
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Labor total		91.75		15,145.75
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Expense WIP Status: Billable

Friedman & Bruya, Inc.

Field Supplies	01/01/2019			-425.50
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Approved JAS INV 17ASP1129-1

Field Supplies	03/26/2019			115.00
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Approved KB INV 19ASP0409-5

Subtotal				-310.50
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In-house Expense

Gilian Low-Flow Air Pump / Daily	03/30/2019	2.00	35.00	70.00
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Field Computer / Daily	03/30/2019	2.00	30.00	60.00
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Flow-through Cell, YSI / Daily	03/30/2019	1.00	75.00	75.00
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PID (Photoionization Detector) / Daily	03/30/2019	3.00	65.00	195.00
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Pressure Transducer, Barometric / Daily	03/30/2019	1.00	30.00	30.00
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Pressure Transducer/Datalogger, INW / Daily	03/30/2019	4.00	55.00	220.00
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Pump, 12V Submersible / Daily	03/30/2019	1.00	40.00	40.00
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Pump, Peristaltic, Geotech / Daily	03/30/2019	2.00	55.00	110.00
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Turbidimeter, Hach 2100P / Daily	03/30/2019	2.00	15.00	30.00
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Water Level Indicator, 100 - 300 ft /Daily	03/30/2019	3.00	15.00	45.00
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Cox-Colvin sub-slab vapor pin - temporary use with removal/Each	03/30/2019	3.00	25.00	75.00
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Helium Leak Test Shroud/Each (Includes disposable fittings and tubing)	03/30/2019	4.00	25.00	100.00
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Subtotal		28.00		1,050.00
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Kristin E. Beck

Expense Report

Mileage	03/20/2019	5.00	0.58	2.90
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Site Visits Feb-March 2019 INV 032019Beck4

Subtotal		5.00		2.90
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Expense total		33.00		742.40
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Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

Task 8 - Supplemental RI Activities

8.10 Subtask 8.10 - RI Mob #7, VI and GW Evaluation on Private Property

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Consultant WIP Status: Billable

Applied Professional Services Inc.

Utility Locate 03/29/2019 207.00

Approved KB INV 109280

Subtotal **207.00**

Cascade Drilling, LP

Drilling 03/29/2019 2,855.17

Approved KB INV 11928619

Subtotal **2,855.17**

Friedman & Bruya, Inc.

Analytical Testing 03/31/2019 6,440.00

Approved JAS INV 19ASP0404-3

Analytical Testing 04/01/2019 529.00

Approved JAS INV 19ASP0404-1

Subtotal **6,969.00**

Consultant total **10,031.17**

Task 8 - Supplemental RI Activities

8.12 Subtask 8.12 - Dewatering Evaluation

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor WIP Status: Billable

Associate

Jessica A. Smith

Professional Services 04/03/2019 1.00 207.00 207.00

Team meeting to discuss dewatering scope

Professional Services 04/08/2019 0.50 207.00 103.50

Dewatering - requesting quotes for poly tanks

Professional Services 04/09/2019 0.50 207.00 103.50

Review quotes from tank contractors, talk to Kristin about requesting quotes for water removal using vacuum truck

Professional Services 04/10/2019 1.00 207.00 207.00

Request revised quotes from Adler and Rain for Rent, coordinate tank drop off, email MBHA, Mithun, and Beacon the tentative schedule

Subtotal **3.00 621.00**

Joseph N. Morrice

Professional Services 04/03/2019 0.50 207.00 103.50

dewatering eval w/ AA

Subtotal **0.50 103.50**

Senior 1

Andrew C. Austreng

Professional Services 04/03/2019 0.50 182.00 91.00

kickoff meeting to discuss dewatering scope

Professional Services 04/05/2019 2.75 182.00 500.50

review site data; Develop dewatering model

Invoice Supporting Detail

160324 Mt. Baker Housing Assoc. – Mt Baker Properties Site

Task 8 - Supplemental RI Activities

8.12 Subtask 8.12 - Dewatering Evaluation

Phase Status: Active

Billing Cutoff: 04/05/2019

Date	Units	Rate	Amount
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Labor

WIP Status: Billable

Senior 1

Subtotal **3.25** **591.50**

Project 2

Spencer J. Ambauen

Professional Services 04/02/2019 1.00 155.00 155.00
Dewatering evaluation scope discussion

Professional Services 04/03/2019 2.00 155.00 310.00
Aspect team meeting for dewatering evaluation

Subtotal **3.00** **465.00**

Staff 3

Kristin E. Beck

Professional Services 03/14/2019 1.00 134.00 134.00
Program, deploy new transducers in AMW-2 and AMW-10

Professional Services 04/04/2019 2.50 134.00 335.00
Transducer downloads, data management

Professional Services 04/05/2019 1.50 134.00 201.00
Data compensation from diver download

Subtotal **5.00** **670.00**

Marica O. Otto

Professional Services 04/03/2019 2.00 134.00 268.00
Aspect team meeting for dewatering evaluation

Professional Services 04/05/2019 0.50 134.00 67.00
Dewatering evaluation support

Subtotal **2.50** **335.00**

Labor total **17.25** **2,786.00**

Expense

WIP Status: Billable

In-house Expense

Micro Diver / Daily 03/05/2019 6.00 50.00 300.00

Micro Diver / Daily 03/14/2019 4.00 50.00 200.00

Subtotal **10.00** **500.00**

Expense total **10.00** **500.00**

ODC Billing Log - By Invoice

	Client Invoice Number	Date	Activity	Expense Payee	Expense Credit Card	Vendor	Vendor Invoice Number	Employee	Units or Hours	Cost Rate	Cost Amount	Markup %	Billed Amount	Proj. ID
▼ Totals:											10,005.66		11,273.57	
▼ 08 Task 8 - Supplemental RI Activities 8.10 Subtask 8.10 - RI Mob #7, VI and GW Evaluation on Private Property											9,505.66		10,773.57	
	32834	3/29/2019	Utility Locate			Applied Professional Services Inc.	109280				180.00	15.00	207.00	160324
	32834	3/29/2019	Drilling			Cascade Drilling, LP	11928619				2,482.76	15.00	2,855.17	160324
	32834	3/31/2019	Analytical Testing			Friedman & Bruya, Inc.	19ASP0404-3				5,600.00	15.00	6,440.00	160324
	32834	4/1/2019	Analytical Testing			Friedman & Bruya, Inc.	19ASP0404-1				460.00	15.00	529.00	160324
	32834	1/1/2019	Field Supplies			Friedman & Bruya, Inc.	17ASP1129-1				-370.00	15.00	-425.50	160324
	32834	3/20/2019	Mileage	Kristin Beck		Kristin E. Beck	032019Beck4	Kristin Beck	5.00	0.5800	2.90		2.90	160324
	32834	3/26/2019	Field Supplies			Friedman & Bruya, Inc.	19ASP0409-5				100.00	15.00	115.00	160324
	32834	3/30/2019	Gilian Low-Flow Air Pump / Daily						2.00	35.0000	70.00		70.00	160324
	32834	3/30/2019	Helium Leak Test Shroud/Each (Includes disposable fittings and tubing)						4.00	25.0000	100.00		100.00	160324
	32834	3/30/2019	PID (Photoionization Detector) / Daily						3.00	65.0000	195.00		195.00	160324
	32834	3/30/2019	Turbidimeter, Hach 2100P / Daily						2.00	15.0000	30.00		30.00	160324
	32834	3/30/2019	Cox-Colvin sub-slab vapor pin - temporary use with removal/Each						3.00	25.0000	75.00		75.00	160324
	32834	3/30/2019	Pump, 12V Submersible / Daily						1.00	40.0000	40.00		40.00	160324
	32834	3/30/2019	Pump, Peristaltic, Geotech / Daily						2.00	55.0000	110.00		110.00	160324
	32834	3/30/2019	Flow-through Cell, YSI / Daily						1.00	75.0000	75.00		75.00	160324
	32834	3/30/2019	Water Level Indicator, 100 - 300 ft / Daily						3.00	15.0000	45.00		45.00	160324
	32834	3/30/2019	Field Computer / Daily						2.00	30.0000	60.00		60.00	160324
	32834	3/30/2019	Pressure Transducer, Barometric / Daily						1.00	30.0000	30.00		30.00	160324
	32834	3/30/2019	Pressure Transducer/Datalogger, INW / Daily						4.00	55.0000	220.00		220.00	160324
▼ 08 Task 8 - Supplemental RI Activities 8.12 Subtask 8.12 - Dewatering Evaluation											500.00		500.00	
	32834	3/5/2019	Micro Diver / Daily						6.00	50.0000	300.00		300.00	160324
	32834	3/14/2019	Micro Diver / Daily						4.00	50.0000	200.00		200.00	160324

INVOICE



APPLIED PROFESSIONAL SERVICES INC.

Solutions That Exceed Expectations

43530 SE North Bend Way • North Bend, WA 98045
Phone: (425) 888-2590 Fax (425) 888-2554

INVOICE NO. **109280**

CUSTOMER NO. **ASPECT**

BILL TO:

ASPECT CONSULTING, LLC
ATTN: ACCOUNTS PAYABLE
350 MADISON AVE N
BAINBRIDGE ISLAND, WA 98110-1810

SHIP TO:

SITE ADDRESS
2815 S MCCLELLAN ST
SEATTLE, WA

DATE	SHIP VIA	F.O.B.	TERMS
03/31/19			Net 30

PURCHASE ORDER NO.	DATE	SALESPERSON	OUR ORDER NUMBER
160324	03/29/19	LUCAS DEVEREAU	

QUANTITY			ITEM NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
REQ.	SHIPPED	B.O.				
2	2		LOCATE WA	LOCATED UTILITIES	90.00	180.00
					Invoice subtotal	180.00
					Invoice total	180.00

ENTERED	ACCOUNTS PAYABLE
JOB #	160324
AMOUNT \$	180.00
DATE	04.03.19
APPROVED	KB
G/L CODE	5140



RECEIVED
By Joey Miramontez at 10:08 am, Apr 03, 2019

TERMS: NET 30 DAYS

PLEASE PAY FROM INVOICE

WE ACCEPT MASTERCARD/VISA/AMEX

QUESTIONS? JEN PARSONS 406-755-2254 JENP@APSLOCATES.COM

49501

LOCATE REQUEST

This is not an invoice



APPLIED PROFESSIONAL SERVICES INC.

Solutions That Exceed Expectations

43530 SE North Bend Way · North Bend, WA 98045
Phone: (425) 888-2590 Fax: (425) 888-2554

Job # 160324

DATE: 3-29-19

PURCHASE ORDER #: _____

CUSTOMER: Aspect Consulting

OFFICE PHONE: _____

BILLING ADDRESS: _____

EMAIL: _____

CITY: Seattle ST: WA ZIP: 98104

CONTACT PERSON: Kristen Beck

PHONE: 253-906-5428

BILLING SUMMARY

SERVICES REQUESTED: CONDUCTIBLES NON-CONDUCTIBLES GPR POTHOLING

LOCATOR'S NAME: Lukas Devereau

LOCATE ADDRESS: 2815 S Mclellan St -Seattle

DESCRIPTION OF LOCATE: Designated private conductible utilities within slope. Scope consists of 3 areas assigned by client at above address. Designated water and power in area, connected to local utility monuments and performed box sweeps. One call notified prior to arrival. No utility as-builds provided.

TOTAL TIME INCLUDING TRAVEL: 2 hours 40 per hour

This locate is being performed on private property at the customer's request. APS has no knowledge of, and customer has not furnished as-installed plans, drawings or other information of other utilities in the area of the requested locate. It is not guaranteed or implied that APS will find all underground utilities within the area. APS shall not be liable for damage to any type of facility, utility, or any loss or injury caused by such damage.

PAYMENT TERMS: NET 30 DAYS

CUSTOMER SIGNATURE: Kristen Beck

LOCATOR SIGNATURE: [Signature]

DATE: 3-29-19

CUSTOMER SHOULD CALL ONE-CALL FOR PUBLICLY OWNED UTILITIES 1-800-424-5555

CC CARD INFO: VISA MC _____ EXP DATE _____ ZIP: _____

3 DIGIT CODE ON BACK _____



REMIT TO: CASCADe DRILLING, LP.
 PO BOX 844046, LOS ANGELES, CA. 90084-4046
 ACH PAYMENTS REMIT TO: WELLS FARGO BANK, N.A.
 ABA: 121000248, ACCOUNT: 4942159435

Bill To:
 Attn: Accounts Payable
 Aspect Consulting LLC
 Kristin Beck
 710 2nd Ave, Suite 550
 Seattle, Washington 98104

Invoice #: 11928619
 Quote #: 00042397
 Account #: 2ASPCON110
 JobID #: 103191112
 Invoice Date: 03/31/2019
 Terms: Net 90
 Due Date: 06/29/2019

Project Name: Aspect 29th Ave DPT
 Project Start/End Date: 03/29/2019 / 03/29/2019
 Project Contact/Phone: Kristin Beck / (206) 328-7443
 Work Site Address: 2813 29th Ave S
 Seattle, WA 98144
 Billing Start Date: 03/29/2019

Customer Project#:
 PO/Work Order #:
 Additional Detail:
 Billing End Date: 03/29/2019

Product	Description	UM	Qty	Rate	Extended Rate
DPT Rig	5400, 2 Man Crew (up to 10 hours portal to portal)	Day	1.00	\$1,850.00	\$1,850.00
Permits	Start Card/Notice of Intent	Each	1.00	\$65.00	\$65.00
Well Box	Install Flush Mount	Each	1.00	\$150.00	\$150.00
Well Material	3/4" PVC Prepack	Per Foot	14.00	\$10.00	\$140.00
Soil Vapor Implant	1/4" x 6", Stainless (temp)	Each	1.00	\$50.00	\$50.00

Pre-Tax Total \$2,255.00
 Tax Percentage 10.100%
 Taxes \$227.76
 Invoice Total \$2,482.76

ENTERED	ACCOUNTS PAYABLE
JOB #	160324
AMOUNT \$	2482.76
DATE	04.05.19
APPROVED	KB
G/L CODE	5140



RECEIVED
 By Joey Miramontez at 1:01 pm, Apr 04, 2019

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

April 4, 2019

INVOICE #19ASP0404-3

Accounts Payable
Aspect Consulting, LLC
350 Madison Ave. N.
Bainbridge Island, WA 98110-1810

RE: Project MBHA Gateway 160324, F&BI 903586 - Results of testing requested by Jessica Smith for material submitted on March 31, 2019.

4 samples analyzed for short list VOCs by Method TO-15 @ \$205 per sample	\$ 820.00
8 samples analyzed for short list VOCs (indoor air) by Method TO-15 @ \$225 per sample	1,800.00
Rush Charges (next day) 100% of \$2,620.00	2,620.00
4 samples analyzed for helium by Method ASTM D1946 @ \$60 per sample	240.00
Rush Charges (3 day) 50% of \$240.00	<u>120.00</u>
Amount Due	\$ 5,600.00

FEDERAL TAX ID #91-1287838

ENTERED	ACCOUNTS PAYABLE
JOB #	160324
AMOUNT \$	5600.00
DATE	04.09.19
APPROVED	JAS
G/L CODE	5140



RECEIVED
By Joey Miramontez at 4:08 pm, Apr 08, 2019

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

April 4, 2019

INVOICE #19ASP0404-1

Accounts Payable
Aspect Consulting, LLC
350 Madison Ave. N.
Bainbridge Island, WA 98110-1810

RE: Project MBHA-Gateway 160324, F&BI 904020 - Results of testing requested by
Jessica Smith for material submitted on April 1, 2019.

2 samples analyzed for chlorinated volatiles by Method 8260 @ \$115 per sample	\$ 230.00
Rush Charges (next day) 100% of \$230.00	<u>230.00</u>
Amount Due	\$ 460.00

FEDERAL TAX ID #91-1287838

ENTERED	ACCOUNTS PAYABLE
JOB #	160324
AMOUNT \$	460.00
DATE	04.04.19
APPROVED	JAS
G/L CODE	5140



RECEIVED
By Joey Miramontez at 1:41 pm, Apr 04, 2019

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

November 29, 2017

CREDIT INVOICE # 17ASP1129-1

Accounts Payable
Aspect Consulting LLC
350 Madison Ave. N.
Bainbridge Island, WA 98110-1810

RE: Project MBHA - 5035 sampling kits requested by Kristin Beck.

11/23/17:	
Return of 37 sampling kits @ \$10 per kit	\$ -370.00
Credit.....	\$ -370.00

FEDERAL TAX ID #91-1287838

ENTERED	ACCOUNTS PAYABLE
JOB #	160324
AMOUNT \$	-370.00
DATE	04.04.19
APPROVED	JAS
G/L CODE	5140



RECEIVED
By Joey Miramontez at 3:40 pm, Apr 02, 2019

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

April 9, 2019

INVOICE #19ASP0409-5

Accounts Payable
Aspect Consulting LLC
350 Madison Ave. N.
Bainbridge Island, WA 98110-1810

RE: Project MBHA - 5035 sampling kits requested by Kristin Beck.

03/26/19:

Preparation of 10 sampling kits @ \$10 per kit	<u>\$ 100.00</u>
Amount Due	<u>\$ 100.00</u>

FEDERAL TAX ID #91-1287838

ENTERED	ACCOUNTS PAYABLE
JOB #	160324
AMOUNT \$	100.00
DATE	04.10.19
APPROVED	KB
G/L CODE	5140



RECEIVED
By Joey Miramontez at 9:58 pm, Apr 09, 2019