



May 14, 2019

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

**Re: Progress Report No. 27 – Mt Baker Properties Site – May 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/FS report.
- Responded to questions from Ecology regarding the CID request and submittal of a revised letter incorporating all of the questions and responses that were received.
- 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.
- Prepared for and completed 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 was completed 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 a groundwater sample obtained from the baker tank that was used to temporarily store water generated during the dewatering evaluation.

### 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.

### 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
<b>Initial Allotment of Public Funds Provided</b>					<b>\$400,000.00</b>	
--	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

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
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
17. 07/10/18	7/6/2018	7/10/2018	\$5,061.16	\$5,061.16	(\$17,378.15)	Up to \$30,000
<b>Second Allotment of Public Funds Provided</b>					<b>\$600,000.00</b>	
18. 08/14/18	8/10/2018	8/14/2018	\$24,074.76	\$0	<b>\$582,621.85</b>	Up to \$50,000
18. 08/14/18	8/10/2018	8/14/2018	\$1,715.00	\$1,715.00	<b>\$580,906.85</b>	
19. 09/11/18	9/7/2018	9/11/2018	\$61,260.65	\$0	<b>\$580,906.85</b>	Up to \$50,000
19. 09/11/18	9/7/2018	9/11/2018	\$527.50	\$527.50	<b>\$580,379.35</b>	

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
20. 10/11/18	10/5/2018	10/11/2018	\$17,211.23	\$0	<b>\$580,379.85</b>	Up to \$50,000
20. 10/11/18	10/5/2018	10/11/2018	\$1,708.00	\$1,708.00	<b>\$578,671.35</b>	
21. 11/09/18	11/02/18	11/09/18	\$7,786.25	\$0	<b>\$578,671.35</b>	Up to \$50,000
Rhine Demolition	--	--	\$60,627.67	\$60,627.67	<b>\$518,043.68</b>	--
22. 12/12/18	12/07/18	12/10/18	\$44,184.25	\$0	<b>\$518,043.68</b>	Up to \$50,000
22. 12/12/18	12/07/18	12/10/18	\$4,554.00	4,554.00	<b>\$513,489.68</b>	Up to \$50,000
23. 01/10/19	12/28/2018	1/10/2019	\$24,111.18	\$0.00	<b>\$513,489.68</b>	Up to \$50,000
24. 02/19/19	2/8/2019	2/15/2019	\$31,174.50	\$0.00	<b>\$513,489.68</b>	Up to \$50,000
25. 03/15/19	3/8/2019	3/14/2019	\$24,971.00	\$0.00	<b>\$513,489.68</b>	Up to \$50,000
25. 03/15/19	3/8/2019	3/14/2019	\$2,312.50	\$2,312.50	<b>\$511,177.18</b>	Up to \$50,000
25. 03/15/19	3/8/2019	3/14/2019	\$20,543.00	\$0	<b>\$511,177.18</b>	Up to \$50,000
26. 04/10/19	4/5/2019	4/12/2019	\$53,483.07	\$0.00	<b>\$511,177.18</b>	Up to \$50,000
26. 03/15/19	4/5/2019	4/12/2019	\$2,187.50	\$2,187.50	<b>\$508,989.68</b>	Up to \$50,000
26. 03/15/19	4/5/2019	4/12/2019	\$26,565.50	\$0.00	<b>\$508,989.68</b>	Up to \$50,000
27. 05/13/19	5/10/2019	5/13/2019	\$57,353.58	\$0.00	<b>\$508,989.68</b>	Up to \$50,000
27. 05/13/19	4/26/2019	5/13/2019	\$24,323.75	\$0.00	<b>\$508,989.68</b>	Up to \$50,000
27. 05/13/19	5/10/2019	5/13/2019	\$2,958.00	\$2,958.00	<b>\$506,031.68</b>	Up to \$10,000

Washington State Department of Ecology  
May 14, 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: May 13, 2019 Invoice #33205  
May 13, 2019 Invoice #33206  
May 13, 2019 Invoice #33209

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 27\_May 13, 2019\_DOE.docx



## INVOICE

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

Invoice number 33205  
 Date 05/13/2019

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

Professional Services for the Period 04/06/19 to 05/10/2019

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

Services completed during this invoice period include:

- Continued preparation of the RI report, which included incorporating the data recently obtained during the vapor intrusion evaluation.
- Continued preparation of the Feasibility Study.
- Responded to Dean Yasuda's questions about the Contained-In Determination (CID) request via email on April 12, 2019 and in a revised CID letter dated May 2, 2019. The letter included two new figures, a new table, and completion of state-only dangerous waste calculations.
- 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.
- Prepared for an completed a dewatering evaluation to support potential groundwater treatment and dewatering during the cleanup action.
- Subcontracted drilling for the vapor intrusion evaluation on the private properties south of McClellan and east of 29th Avenue.

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
Project 1	<i>Emelie A. Crumbaker</i>	1.25	145.00	181.25
Staff 3	<i>Kristin E. Beck</i>	30.50	134.00	4,087.00
Staff 3	<i>Robyn A. Pepin</i>	9.25	134.00	1,239.50
Sr. CAD	<i>Steve C. Cudd</i>	13.00	130.00	1,690.00
Coordinator 2	<i>Miroslava Ramsey</i>	0.25	98.00	24.50
			Phase subtotal	7,222.25

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

Professional Services		Hours	Rate	Billed Amount
Principal 2	<i>David A. Cook</i>	18.50	253.00	4,680.50
Associate	<i>Adam C. Griffin</i>	1.00	207.00	207.00
Associate	<i>Jessica A. Smith</i>	7.25	207.00	1,500.75
Project 3	<i>Alexandria L. Cochrane</i>	1.00	167.00	167.00
Staff 3	<i>Jason S. Yabandeh</i>	7.00	134.00	938.00

**Task 8 - Supplemental RI Activities**

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

Professional Services		Hours	Rate	Billed Amount
Staff 3	<i>Kristin E. Beck</i>	7.50	134.00	1,005.00
Coordinator 2	<i>Wendy A. Valdez</i>	1.50	98.00	147.00
Phase subtotal				8,645.25

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

Professional Services		Hours	Rate	Billed Amount
Principal 2	<i>David A. Cook</i>	1.50	253.00	379.50
Associate	<i>Adam C. Griffin</i>	6.75	207.00	1,397.25
Associate	<i>Jessica A. Smith</i>	3.50	207.00	724.50
Project 1	<i>Andrew J. Yonkofski</i>	40.50	145.00	5,872.50
Staff 3	<i>Kristin E. Beck</i>	0.50	134.00	67.00
Phase subtotal				8,440.75

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

Professional Services		Hours	Rate	Billed Amount
Associate	<i>Jessica A. Smith</i>	13.25	207.00	2,742.75
Staff 3	<i>Kristin E. Beck</i>	6.75	134.00	904.50
Staff 2	<i>Jordan Sanford</i>	0.75	121.00	90.75
Coordinator 1	<i>Joey M. Miramontez</i>	1.25	93.00	116.25
Phase subtotal				3,854.25

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

Professional Services		Hours	Rate	Billed Amount
Associate	<i>Jessica A. Smith</i>	1.75	207.00	362.25
Staff 2	<i>Jordan Sanford</i>	0.75	121.00	90.75
Expense		Units	Rate	Billed Amount
Shipping				19.36
Phase subtotal				472.36

**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>	0.50	253.00	126.50
Staff 3	<i>Kristin E. Beck</i>	2.50	134.00	335.00
Expense		Units	Rate	Billed Amount
Field Supplies				5.82
Mileage		16.00	0.58	9.28
Subcontracted Services		Units	Rate	Billed Amount
Cascade Drilling, LP				5,463.44
Phase subtotal				5,940.04



**Task 8 - Supplemental RI Activities**

**Subtask 8.12 - Dewatering Evaluation**

			Hours	Rate	Billed Amount
<b>Professional Services</b>					
Principal 2	<i>David A. Cook</i>		4.50	253.00	1,138.50
Associate	<i>Jessica A. Smith</i>		11.50	207.00	2,380.50
Associate	<i>Joseph N. Morrice</i>		31.50	207.00	6,520.50
Senior 1	<i>Andrew C. Austreng</i>		3.75	182.00	682.50
Project 2	<i>Spencer J. Ambauen</i>		7.00	155.00	1,085.00
Staff 3	<i>Kristin E. Beck</i>		32.50	134.00	4,355.00
Staff 3	<i>Marica O. Otto</i>		2.50	134.00	335.00
Staff 3	<i>Matthew M. Lewis</i>		29.75	134.00	3,986.50
Staff 2	<i>Isabellah V. von Trapp</i>		5.00	121.00	605.00
Coordinator 2	<i>Wendy A. Valdez</i>		1.50	98.00	147.00
<b>Expense</b>					
			Units	Rate	Billed Amount
Field Computer / Daily			2.00	30.00	60.00
Field Supplies			1.00	96.23	96.23
Generator 2kw / Daily			2.00	50.00	100.00
Level D Personal Protection / Daily			2.00	10.00	20.00
PT2x 100 psi transducer / Daily			4.00	100.00	400.00
Water Level Indicator, 100 - 300 ft /Daily			2.00	15.00	30.00
Zipcar					212.20
Flowmeter In-Line / Daily			4.00	30.00	120.00
Micro Diver / Daily			4.00	50.00	200.00
<b>Subcontracted Services</b>					
			Units	Rate	Billed Amount
Friedman & Bruya, Inc.					304.75
Phase subtotal					22,778.68
Task 8 - Supplemental RI Activities subtotal					57,353.58
Invoice total					<b>57,353.58</b>

**Invoice Summary**

Description	Contract Amount	Prior Billed	Current Billed	Remaining Amount	Remaining Percent
<b>Task 8 - Supplemental RI Activities</b>					
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
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	24,370.50	7,222.25	18,407.25	36.81
Subtask 8.6 - Preparation of a Contained-In Determination (CID) Request	10,000.00	17,744.50	8,645.25	-16,389.75	-163.90
Subtask 8.7 - Preparation of an FS, DCA, and CAP	90,000.00	9,813.25	8,440.75	71,746.00	79.72
Subtask 8.8 - Meetings, Communication, and As Requested Support	45,000.00	46,483.03	3,854.25	-5,337.28	-11.86
Subtask 8.9 - RI Mob #6, ST Monitoring Well	20,000.00	5,219.25	472.36	14,308.39	71.54

**Invoice Summary**

Description	Contract Amount	Prior Billed	Current Billed	Remaining Amount	Remaining Percent
Task 8 - Supplemental RI Activities					
Subtask 8.10 - RI Mob #7, VI and GW Evaluation on Private Property	32,000.00	37,085.82	5,940.04	-11,025.86	-34.46
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	3,286.00	22,778.68	-26,064.68	0.00
Subtotal	420,500.00	301,869.70	57,353.58	61,276.72	14.57
Total	420,500.00	301,869.70	57,353.58	61,276.72	14.57

**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			
33205	05/13/2019	57,353.58	57,353.58				
	Total	135,807.65	57,353.58	53,483.07	24,971.00	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](mailto:invoices@aspectconsulting.com)  
 If you would like to pay via electronic payment, please contact us via email: [AccountingAR@aspectconsulting.com](mailto: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: 05/10/2019**

Date	Units	Rate	Amount
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**Labor**

WIP Status: Billable

Project 1

**Emelie A. Crumbaker**

Professional Services	05/03/2019	1.25	145.00	181.25
<i>RI figure revisions</i>				

Subtotal		<b>1.25</b>		<b>181.25</b>
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Staff 3

**Kristin E. Beck**

Professional Services	04/10/2019	7.00	134.00	938.00
<i>RI Boring log revisions, RI text updates, tables and figures</i>				

Professional Services	04/16/2019	2.00	134.00	268.00
<i>RI Figure edits; RI text revision with new well info and soil gas data</i>				

Professional Services	04/17/2019	5.50	134.00	737.00
<i>RI Report, Compiling appendices, tables, figure edits, text</i>				

Professional Services	04/18/2019	5.75	134.00	770.50
<i>RI Tables, P66 data tables for appendix</i>				

Professional Services	04/19/2019	2.25	134.00	301.50
<i>RI report text and tables revisions</i>				

Professional Services	04/22/2019	4.50	134.00	603.00
<i>Team meeting, RI tables and figure updates, RI text</i>				

Professional Services	04/24/2019	0.50	134.00	67.00
<i>RI Report Appendix compilation</i>				

Professional Services	04/29/2019	1.00	134.00	134.00
<i>Review RI cross sections with MO</i>				

Professional Services	04/30/2019	1.00	134.00	134.00
<i>RI Cross section edits</i>				

Professional Services	05/03/2019	1.00	134.00	134.00
<i>Integrate FS into RI intro/summary</i>				

Subtotal		<b>30.50</b>		<b>4,087.00</b>
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**Robyn A. Pepin**

Professional Services	04/16/2019	1.50	134.00	201.00
<i>Preparation of RI figures</i>				

Professional Services	04/19/2019	2.50	134.00	335.00
<i>Preparation of RI figures</i>				

Professional Services	04/22/2019	3.50	134.00	469.00
<i>RIFS figure updates, including soil gas analytical results, soil analytical results, and minor text edits</i>				

Professional Services	04/23/2019	0.50	134.00	67.00
<i>RIFS figure updates, including adding cross sections to site plan figure</i>				

Professional Services	05/01/2019	1.25	134.00	167.50
<i>FS report figures</i>				

Subtotal		<b>9.25</b>		<b>1,239.50</b>
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**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: 05/10/2019

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Sr. CAD

**Steve C. Cudd**

Professional Services	04/10/2019	2.00	130.00	260.00
<i>Figure Set Preparation-Cross Section Series</i>				
Professional Services	04/11/2019	5.50	130.00	715.00
<i>Figure Set Preparation-Cross Section Series</i>				
Professional Services	04/12/2019	3.75	130.00	487.50
<i>Figure Set Preparation-Cross Section Series</i>				
Professional Services	04/30/2019	0.75	130.00	97.50
<i>Figure Preparation-Cross Section D</i>				
Professional Services	05/01/2019	1.00	130.00	130.00
<i>Figure Preparation-Cross Section D</i>				

Subtotal **13.00** **1,690.00**

Coordinator 2

**Miroslava Ramsey**

Professional Services	04/12/2019	0.25	98.00	24.50
<i>Project administration.</i>				

Subtotal **0.25** **24.50**

Labor total **54.25** **7,222.25**

**Task 8 - Supplemental RI Activities**

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

Phase Status: Active

Billing Cutoff: 05/10/2019

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Principal 2

**David A. Cook**

Professional Services	04/12/2019	3.50	253.00	885.50
<i>CID response to Ecology questions</i>				
Professional Services	04/25/2019	5.00	253.00	1,265.00
<i>Respond to Dean Yasuda, CID questions (v2)</i>				
Professional Services	04/26/2019	4.50	253.00	1,138.50
<i>Respond to Dean Yasuda, CID questions (v2)</i>				
Professional Services	04/29/2019	2.00	253.00	506.00
<i>CID revision</i>				
Professional Services	04/30/2019	1.00	253.00	253.00
<i>PM, comms</i>				
Professional Services	05/02/2019	1.00	253.00	253.00
<i>Revised CID letter to Ecology</i>				
Professional Services	05/06/2019	0.50	253.00	126.50
<i>Emails from/to Ecol re: CID</i>				
Professional Services	05/08/2019	1.00	253.00	253.00

**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: 05/10/2019

Date	Units	Rate	Amount
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**Labor**

WIP Status: Billable

Principal 2

**David A. Cook**

*Review CID redline requested by Ecol, send email of updated CID redline to Ecol*

Subtotal **18.50** **4,680.50**

Associate

**Adam C. Griffin**

Professional Services 04/26/2019 1.00 207.00 207.00

*Dangerous Waste CID support*

Subtotal **1.00** **207.00**

**Jessica A. Smith**

Professional Services 04/12/2019 1.50 207.00 310.50

*Respond to Dean's questions about CID request*

Professional Services 04/30/2019 2.50 207.00 517.50

*Review CID letter*

Professional Services 05/01/2019 1.75 207.00 362.25

*Review cross-section, revise CID based on Mike's edits.*

Professional Services 05/02/2019 1.00 207.00 207.00

*Finalize and send to DOE*

Professional Services 05/03/2019 0.50 207.00 103.50

*DOE response*

Subtotal **7.25** **1,500.75**

Project 3

**Alexandria L. Cochrane**

Professional Services 04/12/2019 1.00 167.00 167.00

*Discuss CID volume calcs for Ecy response*

Subtotal **1.00** **167.00**

Staff 3

**Jason S. Yabandeh**

Professional Services 04/17/2019 6.00 134.00 804.00

*Creating summary tables and figure tables*

Professional Services 05/01/2019 1.00 134.00 134.00

*Pulling PCE soil data for use in CAD cross section*

Subtotal **7.00** **938.00**

**Kristin E. Beck**

Professional Services 04/12/2019 0.25 134.00 33.50

*Answering questions from Dean on CID volumes*

Professional Services 04/25/2019 0.25 134.00 33.50

*CID responses to Ecology*

Professional Services 04/26/2019 2.50 134.00 335.00

*CID calculations of WA state only toxicity levels*

Professional Services 04/29/2019 0.75 134.00 100.50

*checking calcs for CID response*

**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: 05/10/2019

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Staff 3

**Kristin E. Beck**

Professional Services 04/30/2019 0.75 134.00 100.50

*Mark up of D-D' cross section for use in reply to Ecology on CID*

Professional Services 05/01/2019 3.00 134.00 402.00

*Cross section for CID response*

Subtotal **7.50 1,005.00**

Coordinator 2

**Wendy A. Valdez**

Professional Services 05/01/2019 1.00 98.00 98.00

*finalize CID request letter*

Professional Services 05/02/2019 0.50 98.00 49.00

*finalize CID request letter*

Subtotal **1.50 147.00**

Labor total **43.75 8,645.25**

**Task 8 - Supplemental RI Activities**

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

Phase Status: Active

Billing Cutoff: 05/10/2019

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Principal 2

**David A. Cook**

Professional Services 04/22/2019 1.00 253.00 253.00

*Review FS data and approach*

Professional Services 05/09/2019 0.50 253.00 126.50

*RIFS rept status check and mtg w/jess*

Subtotal **1.50 379.50**

Associate

**Adam C. Griffin**

Professional Services 04/12/2019 1.00 207.00 207.00

*Discussion and review of draft FS materials*

Professional Services 04/15/2019 1.00 207.00 207.00

*Review Draft RI/FS materials from Andrew*

Professional Services 04/17/2019 2.50 207.00 517.50

*Review of Draft RI and FS Outline (1.5); Share comments with Andrew (1.0)*

Professional Services 04/22/2019 1.25 207.00 258.75

*Team telecon to discuss FS; follow up with Andrew*

Professional Services 04/24/2019 1.00 207.00 207.00

*Discuss restructured FS outline with Andrew*

Subtotal **6.75 1,397.25**

**Jessica A. Smith**

**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: 05/10/2019**

Date	Units	Rate	Amount
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**Labor**

WIP Status: Billable

Associate

**Jessica A. Smith**

Professional Services	04/22/2019	1.50	207.00	310.50
<i>Schedule meeting, discuss FS</i>				
Professional Services	04/23/2019	0.50	207.00	103.50
<i>FS Check in</i>				
Professional Services	05/10/2019	1.50	207.00	310.50
<i>Review report</i>				

Subtotal **3.50** **724.50**

Project 1

**Andrew J. Yonkofski**

Professional Services	04/11/2019	4.75	145.00	688.75
<i>Update FS sections; send to AG for review</i>				
Professional Services	04/15/2019	0.75	145.00	108.75
<i>Weekly group meeting; updated contractor quotes</i>				
Professional Services	04/16/2019	0.50	145.00	72.50
<i>Update FS</i>				
Professional Services	04/17/2019	1.25	145.00	181.25
<i>Discuss FS approach with AG</i>				
Professional Services	04/18/2019	1.00	145.00	145.00
<i>Request updated unit costs from W.G. Clark; update FS layout; meet with KB to discuss boring geo</i>				
Professional Services	04/22/2019	1.75	145.00	253.75
<i>Weekly status meeting; meet to discuss structure of remedial alternatives</i>				
Professional Services	04/23/2019	3.25	145.00	471.25
<i>Update FS structure</i>				
Professional Services	04/24/2019	1.00	145.00	145.00
<i>Meet with AG to discuss revised FS outline</i>				
Professional Services	04/25/2019	2.50	145.00	362.50
<i>Revise FS</i>				
Professional Services	04/26/2019	2.75	145.00	398.75
<i>Draft revised FS</i>				
Professional Services	04/29/2019	5.25	145.00	761.25
<i>Weekly team meeting; revise FS and cost estimate tables</i>				
Professional Services	04/30/2019	5.75	145.00	833.75
<i>Updates to revised FS</i>				
Professional Services	05/01/2019	2.75	145.00	398.75
<i>FS Figures and finalize draft RIFS</i>				
Professional Services	05/03/2019	1.75	145.00	253.75
<i>Updates to FS, figures, and tables</i>				
Professional Services	05/06/2019	1.75	145.00	253.75
<i>Project team meeting; discuss treatment technology with vendor</i>				
Professional Services	05/08/2019	1.75	145.00	253.75

**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: 05/10/2019

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Project 1

**Andrew J. Yonkofski**

*Follow up on comments and vendor quotes*

Professional Services	05/10/2019	2.00	145.00	290.00
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*Update FS text with response to comments; review vendor assumptions*

Subtotal		<b>40.50</b>		<b>5,872.50</b>
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Staff 3

**Kristin E. Beck**

Professional Services	04/18/2019	0.50	134.00	67.00
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*Meeting with Andrew on site geology for FS*

Subtotal		<b>0.50</b>		<b>67.00</b>
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Labor total		<b>52.75</b>		<b>8,440.75</b>
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**Task 8 - Supplemental RI Activities**

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

Phase Status: Active

Billing Cutoff: 05/10/2019

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Associate

**Jessica A. Smith**

Professional Services	04/12/2019	1.50	207.00	310.50
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*Progress report to Ecology*

Professional Services	04/15/2019	0.50	207.00	103.50
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*Internal team check in meeting*

Professional Services	04/16/2019	0.25	207.00	51.75
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*Gather info to respond to AI Notary's request*

Professional Services	04/17/2019	2.00	207.00	414.00
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*Review cross-sections w/ Spencer and Kristin. Send to Alan*

Professional Services	04/22/2019	1.50	207.00	310.50
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*Internal team meeting*

Professional Services	04/29/2019	1.00	207.00	207.00
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*Weekly internal meeting*

Professional Services	05/02/2019	1.00	207.00	207.00
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*Prep schedule to send to DOE*

Professional Services	05/06/2019	2.00	207.00	414.00
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*Team meeting, discuss remedial ex and ground improvement w/ Spencer*

Professional Services	05/08/2019	1.50	207.00	310.50
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*Invoice review*

Professional Services	05/09/2019	1.50	207.00	310.50
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*Review invoices*

Professional Services	05/10/2019	0.50	207.00	103.50
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*Meeting schedule*



**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: 05/10/2019

Date	Units	Rate	Amount
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**Labor**

WIP Status: Billable

Associate				
	Subtotal	<b>13.25</b>		<b>2,742.75</b>
Staff 3				
<b>Kristin E. Beck</b>				
Professional Services	04/11/2019	0.50	134.00	67.00
<i>Review lidar and site survey for excavation planning</i>				
Professional Services	04/29/2019	1.00	134.00	134.00
<i>Aspect Team Meeting</i>				
Professional Services	05/02/2019	1.50	134.00	201.00
<i>Developing schedule for Ching Pi/Ecology request</i>				
Professional Services	05/03/2019	1.50	134.00	201.00
<i>Developing schedule for Ching Pi/Ecology request</i>				
Professional Services	05/06/2019	0.75	134.00	100.50
<i>Aspect team coordination meeting</i>				
Professional Services	05/09/2019	1.50	134.00	201.00
<i>CO for additional services</i>				
	Subtotal	<b>6.75</b>		<b>904.50</b>
Staff 2				
<b>Jordan Sanford</b>				
Professional Services	04/12/2019	0.75	121.00	90.75
<i>Edit and finalize progress report nos. 26</i>				
	Subtotal	<b>0.75</b>		<b>90.75</b>
Coordinator 1				
<b>Joey M. Miramontez</b>				
Professional Services	04/11/2019	0.25	93.00	23.25
<i>Project status update</i>				
Professional Services	05/03/2019	0.25	93.00	23.25
<i>Project status update</i>				
Professional Services	05/08/2019	0.75	93.00	69.75
<i>Project status update</i>				
	Subtotal	<b>1.25</b>		<b>116.25</b>
	Labor total	<b>22.00</b>		<b>3,854.25</b>

**Task 8 - Supplemental RI Activities**

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

Phase Status: Active

Billing Cutoff: 05/10/2019

Date	Units	Rate	Amount
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**Labor**

WIP Status: Billable

Associate				
<b>Jessica A. Smith</b>				
Professional Services	04/12/2019	1.00	207.00	207.00
<i>Finalize letter requested by ST to be sent to Ecology and MBHA for signatures</i>				

**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: 05/10/2019

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Associate

**Jessica A. Smith**

Professional Services 04/15/2019 0.50 207.00 103.50

*Final ST letter, distribute*

Professional Services 04/16/2019 0.25 207.00 51.75

*Template email to Conor, confirm letter was delivered via UPS*

Subtotal **1.75 362.25**

Staff 2

**Jordan Sanford**

Professional Services 04/12/2019 0.75 121.00 90.75

*Edit and prepare ST letter for Jessica*

Subtotal **0.75 90.75**

Labor total **2.50 453.00**

**Expense** WIP Status: Billable

UPS

Shipping 04/20/2019 9.68

*JAS to Sound Transit (Angie House) INV 00003T358T169*

Shipping 04/30/2019 9.68

*JAS to Sound Transit (Andie House) INV 00003T358T179*

Subtotal **19.36**

Expense total **19.36**

**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: 05/10/2019

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Principal 2

**David A. Cook**

Professional Services 04/08/2019 0.50 253.00 126.50

*Email to Ecol re: air results and resident notification*

Subtotal **0.50 126.50**

Staff 3

**Kristin E. Beck**

Professional Services 04/24/2019 1.50 134.00 201.00

*gINTing logs from well installs, going over logs with DRB*

Professional Services 04/25/2019 1.00 134.00 134.00

*gINTing and log revisions*

Subtotal **2.50 335.00**

Labor total **3.00 461.50**

**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: 05/10/2019

Date	Units	Rate	Amount
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**Expense** WIP Status: Billable

**Isabellah V. von Trapp**

Expense Report

Field Supplies 03/29/2019 5.82

*Chain for soil gas canisters INV 041719von 11*

Subtotal **5.82**

**Kristin E. Beck**

Expense Report

Mileage 04/08/2019 16.00 0.58 9.28

*Mileage to and from lab, to and from site for drilling, dewatering evaluation, sample drop off INV 041719Beck10*

Subtotal **16.00 9.28**

Expense total **16.00 15.10**

**Consultant** WIP Status: Billable

Cascade Drilling, LP

Drilling 03/30/2019 5,463.44

*Approved by KEB INV 11928738*

Subtotal **5,463.44**

Consultant total **5,463.44**

**Task 8 - Supplemental RI Activities**

**8.12 Subtask 8.12 - Dewatering Evaluation**

Phase Status: Active

Billing Cutoff: 05/10/2019

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Principal 2

**David A. Cook**

Professional Services 04/08/2019 3.50 253.00 885.50

*Pump test scoping, methodology, and briefing  
 Pump test scoping, methodology, and briefing*

Professional Services 04/10/2019 1.00 253.00 253.00

*Pump test planning*

Subtotal **4.50 1,138.50**

Associate

**Jessica A. Smith**

Professional Services 04/10/2019 1.50 207.00 310.50

*Convo w/ Dave about tanks and dewatering, paperwork to Rain for Rent, contracting*

Professional Services 04/11/2019 1.00 207.00 207.00

*coordinate access to Maddux N and S*

Professional Services 04/12/2019 3.00 207.00 621.00

*Coordinate Site access w/ Beacon and Rain for Rent for tank delivery, field brief*

Professional Services 04/15/2019 0.75 207.00 155.25

*Follow-up on field results. Email Barry*

Professional Services 04/16/2019 1.00 207.00 207.00

*Discussion w/ Spencer re: pump test results and schedule team meeting to evaluate results*

**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: 05/10/2019**

Date	Units	Rate	Amount
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**Labor**

WIP Status: Billable

Associate

**Jessica A. Smith**

Professional Services	04/17/2019	0.75	207.00	155.25
<i>Team call to discuss results of pump test and next steps</i>				
Professional Services	04/18/2019	0.50	207.00	103.50
<i>Follow up on letter</i>				
Professional Services	05/01/2019	0.50	207.00	103.50
<i>Review analytical data, talk to Kristin about next steps</i>				
Professional Services	05/02/2019	0.50	207.00	103.50
<i>Dewatering memo</i>				
Professional Services	05/03/2019	0.50	207.00	103.50
<i>Memo</i>				
Professional Services	05/07/2019	0.50	207.00	103.50
<i>Field PM</i>				
Professional Services	05/09/2019	0.50	207.00	103.50
<i>Baker tank removal and cleaning</i>				
Professional Services	05/10/2019	0.50	207.00	103.50
<i>baker tank removal</i>				

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Subtotal		<b>11.50</b>		<b>2,380.50</b>
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**Joseph N. Morrice**

Professional Services	04/12/2019	2.00	207.00	414.00
<i>Field dewatering test planning</i>				
Professional Services	04/15/2019	6.00	207.00	1,242.00
<i>Onsite for pump tests startup and first tests, field updates from Matt L</i>				
Professional Services	04/16/2019	5.00	207.00	1,035.00
<i>Field updates and direction for pump testing, initial processing of data from Monday</i>				
Professional Services	04/17/2019	5.00	207.00	1,035.00
<i>Follow-up call on test results, processing data</i>				
Professional Services	04/18/2019	4.00	207.00	828.00
<i>Analyze test results, estimate inflows, text blurb for geotech report</i>				
Professional Services	04/25/2019	4.00	207.00	828.00
<i>Dewatering memo</i>				
Professional Services	04/29/2019	3.00	207.00	621.00
<i>Dewatering memo</i>				
Professional Services	05/01/2019	2.00	207.00	414.00
<i>Finish memo</i>				
Professional Services	05/02/2019	0.50	207.00	103.50
<i>Memo production/finalize</i>				

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Subtotal		<b>31.50</b>		<b>6,520.50</b>
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Senior 1

**Andrew C. Austreng**

Professional Services	04/08/2019	1.00	182.00	182.00
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**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: 05/10/2019**

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Senior 1

**Andrew C. Austreng**

*Internal Aspect meeting - pumping test recommendations and planning*

Professional Services	04/11/2019	1.75	182.00	318.50
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*Review well logs; reserve pumping equipment w/ vendors, strategy/direction of field staff; develop scope of work*

Professional Services	04/12/2019	1.00	182.00	182.00
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*Internal Aspect meeting - field planning, site orientation, Health and Safety*

Subtotal		<b>3.75</b>		<b>682.50</b>
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Project 2

**Spencer J. Ambauen**

Professional Services	04/09/2019	1.50	155.00	232.50
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*Discussion of dewatering-induced settlement of adjacent structures*

Professional Services	04/12/2019	0.50	155.00	77.50
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*field coordination, correspondence*

Professional Services	04/16/2019	3.50	155.00	542.50
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*Dewatering settlement analysis and correspondence*

Professional Services	04/17/2019	1.50	155.00	232.50
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*Aspect team meeting for dewatering evaluation preliminary results, dewatering evaluation correspondence*

Subtotal		<b>7.00</b>		<b>1,085.00</b>
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Staff 3

**Kristin E. Beck**

Professional Services	04/12/2019	2.00	134.00	268.00
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*Meeting Beacon for key to Maddux N, checking tanks and removing ladders, meeting with water resources team for field prep, updating HASP*

Professional Services	04/15/2019	10.00	134.00	1,340.00
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*Pump tests on Maddux North*

Professional Services	04/16/2019	4.50	134.00	603.00
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*Dewatering study*

Professional Services	04/17/2019	2.50	134.00	335.00
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*Diver download and processing*

Professional Services	04/22/2019	2.00	134.00	268.00
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*Sampling baker tanks for water disposal*

Professional Services	04/23/2019	3.00	134.00	402.00
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*Samples to lab, coordination with Mar-Vac for disposal*

Professional Services	05/06/2019	0.50	134.00	67.00
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*Prep for Baker tank water removal*

Professional Services	05/07/2019	6.75	134.00	904.50
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*Moving water from Baker tanks to drums*

Professional Services	05/08/2019	0.25	134.00	33.50
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*Coordinating removal of Baker tanks*

Professional Services	05/09/2019	1.00	134.00	134.00
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*Coordination of Baker tank cleaning and pickup, review of report for CO*

Subtotal		<b>32.50</b>		<b>4,355.00</b>
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**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: 05/10/2019**

Date	Units	Rate	Amount
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**Labor**

WIP Status: Billable

Staff 3

**Marica O. Otto**

Professional Services 04/16/2019 2.00 134.00 268.00

*Dewatering settlement analysis*

Professional Services 04/17/2019 0.50 134.00 67.00

*Aspect team meeting for dewatering evaluation preliminary results*

Subtotal **2.50 335.00**

**Matthew M. Lewis**

Professional Services 04/10/2019 1.75 134.00 234.50

*Coordinating rented equipment, generator, building the flowmeters, trip to Lowe's for pipe and fittings, reserving equipment.*

Professional Services 04/11/2019 3.25 134.00 435.50

*Preparation for pump tests. Review boring logs and generate list of potential pumping wells.*

Professional Services 04/12/2019 3.00 134.00 402.00

*Equipment preparation for pump test. Kick-off meeting with Jessica, review hydrographs and boring logs.*

Professional Services 04/15/2019 11.00 134.00 1,474.00

*Pump testing for dewatering assessment: loading gear, equipment setup, decontamination, pump test performance, and monitoring recovery.*

Professional Services 04/16/2019 10.75 134.00 1,440.50

*Pump testing for dewatering assessment, day 2: equipment setup, decontamination, pump test performance, monitoring recovery, unloading gear, scanning field data forms, emails.*

Subtotal **29.75 3,986.50**

Staff 2

**Isabellah V. von Trapp**

Professional Services 04/12/2019 0.50 121.00 60.50

*Onboarding conference call for pump test as part of dewatering evaluation.*

Professional Services 04/16/2019 4.50 121.00 544.50

*Travel from Seattle Field Annex to Project Site, pump test support for wells AMW-12, MW-3 and HC-MW-5 with time between each test to decontaminate pump equipment between tests, final equipment decontamination, travel back to Field Annex, unload field equipment*

Subtotal **5.00 605.00**

Coordinator 2

**Wendy A. Valdez**

Professional Services 05/02/2019 1.50 98.00 147.00

*finalize dewatering memo*

Subtotal **1.50 147.00**

Labor total **129.50 21,235.50**

**Expense**

WIP Status: Billable

In-house Expense

Field Computer / Daily 04/16/2019 2.00 30.00 60.00

Generator 2kw / Daily 04/16/2019 2.00 50.00 100.00

Level D Personal Protection / Daily 04/16/2019 2.00 10.00 20.00

PT2x 100 psi transducer / Daily 04/16/2019 4.00 100.00 400.00

Water Level Indicator, 100 - 300 ft /Daily 04/16/2019 2.00 15.00 30.00

Flowmeter In-Line / Daily 04/16/2019 4.00 30.00 120.00

**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: 05/10/2019**

Date	Units	Rate	Amount
------	-------	------	--------

**Expense** WIP Status: Billable

In-house Expense

Micro Diver / Daily	04/16/2019	4.00	50.00	200.00
Subtotal			<b>20.00</b>	<b>930.00</b>

**Lisa A. Maeda**

Expense Report

Zipcar	04/12/2019			212.20
<i>Driver: Matthew M Lewis (160324 Maddux Pump Testing)</i>				
Subtotal				<b>212.20</b>

**Matthew M. Lewis**

Expense Report

Field Supplies	04/10/2019	1.00	96.23	96.23
<i>Fittings and for pump test: threaded pipes for flow meters, spring check valves, hose barbs to hook up to tubing, etc. INV 042419Lewi3</i>				
Subtotal			<b>1.00</b>	<b>96.23</b>
Expense total			<b>21.00</b>	<b>1,238.43</b>

**Consultant** WIP Status: Billable

Friedman & Bruya, Inc.

Analytical Testing	04/23/2019			304.75
<i>Approved by JAS INV 19ASP0501-2</i>				
Subtotal				<b>304.75</b>
Consultant total				<b>304.75</b>

## 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:											6,245.20		7,041.08	
▼ 08 Task 8 - Supplemental RI Activities 8.10 Subtask 8.10 - RI Mob #7, VI and GW Evaluation on Private Property											4,765.16		5,478.54	
	33205	3/30/2019	Drilling			Cascade Drilling, LP	11928738				4,750.82	15.00	5,463.44	160324
	33205	3/29/2019	Field Supplies	Lowe's		Isabellah V. von Trapp	041719von 11	Isabellah von Traj			5.06	15.00	5.82	160324
	33205	4/8/2019	Mileage	Kristin Beck		Kristin E. Beck	041719Beck10	Kristin Beck	16.00	0.5800	9.28		9.28	160324
▼ 08 Task 8 - Supplemental RI Activities 8.12 Subtask 8.12 - Dewatering Evaluation											1,463.20		1,543.18	
	33205	4/23/2019	Analytical Testing			Friedman & Bruya, Inc.	19ASP0501-2				265.00	15.00	304.75	160324
	33205	4/10/2019	Field Supplies	Lowe's		Matthew M. Lewis	042419Lewi3	Matthew Lewis	1.00	83.6800	83.68	15.00	96.23	160324
	33205	4/12/2019	Zipcar	Zipcar	VISA Aspect Cr			Lisa Maeda			184.52	15.00	212.20	160324
	33205	4/16/2019	Water Level Indicator, 100 - 300 ft /Daily						2.00	15.0000	30.00		30.00	160324
	33205	4/16/2019	Level D Personal Protection / Daily						2.00	10.0000	20.00		20.00	160324
	33205	4/16/2019	Field Computer / Daily						2.00	30.0000	60.00		60.00	160324
	33205	4/16/2019	PT2x 100 psi transducer / Daily						4.00	100.0000	400.00		400.00	160324
	33205	4/16/2019	Generator 2kw / Daily						2.00	50.0000	100.00		100.00	160324
	33205	4/16/2019	Flowmeter In-Line / Daily						4.00	30.0000	120.00		120.00	160324
	33205	4/16/2019	Micro Diver / Daily						4.00	50.0000	200.00		200.00	160324
▼ 08 Task 8 - Supplemental RI Activities 8.9 Subtask 8.9 - RI Mob #6, ST Monitoring Well											16.84		19.36	
	33205	4/20/2019	Shipping			UPS	00003T358T169				8.42	15.00	9.68	160324
	33205	4/30/2019	Shipping			UPS	00003T358T179				8.42	15.00	9.68	160324





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 #: 11928738  
 Quote #: 00042399  
 Account #: 2ASPCON110  
 JobID #: 103191113  
 Invoice Date: 04/17/2019  
 Terms: Net 90  
 Due Date: 07/16/2019

Project Name: Aspect South McClellan Street Single Well Customer Project#: 160324-8.10  
 Project Start/End Date: 03/30/2019 / 03/30/2019 PO/Work Order #:  
 Project Contact/Phone: Kristin Beck / (206) 328-7443 Additional Detail:  
 Work Site Address: 2815 South McClellan Street  
 Seattle, WA 98144  
 Billing Start Date: 03/30/2019 Billing End Date: 03/30/2019

Product	Description	UM	Qty	Rate	Extended Rate
Day Rate	Auger short day (discounted rate)	Per Day	1.00	\$2,200.00	\$2,200.00
Well Material	2" PVC	Per Foot	25.00	\$15.00	\$375.00
Permits	Start Card/Notice of Intent	Each	1.00	\$65.00	\$65.00
Well Box	Install Flush Mount	Each	1.00	\$200.00	\$200.00
Drums	Soil/Water Drum	Each	3.00	\$75.00	\$225.00
Weekend Work	Discounted Rate (2 person crew)	Per Day	1.00	\$600.00	\$600.00
Mob/Demob	Mobilization/Demobilization	Each	1.00	\$650.00	\$650.00

Pre-Tax Total \$4,315.00  
 Tax Percentage 10.100%  
 Taxes \$435.82  
 Invoice Total \$4,750.82

**RECEIVED**  
 By Allison Watt at 9:11 am, Apr 18, 2019

ACCOUNTS PAYABLE	
JOB #	160324-8.10
AMOUNT \$	4750.82
DATE	4/19/2019
APPROVED	KEB
G/L CODE	5140





**Delivery Service Invoice**

Invoice Date **April 27, 2019**  
Invoice Number 00003T358T179  
Shipper Number 3T358T

**Outbound**

**UPS Internet Shipping**

Pickup Date	Tracking Number	Service	ZIP Code	Zone	Weight	Billed Charge
04/19	1Z3T358T0391955403	Ground Commercial	98104	2	1	7.85
		Fuel Surcharge				0.57
		<b>Total</b>				8.42

1st ref: 160324

UserID: aspectllc

**Sender** : Jennifer Smith  
Aspect Consulting LLC  
710 2nd Avenue  
SEATTLE WA 98104

**Receiver:** Angie House and Mark  
Sound Transit  
401 S Jackson Street  
SEATTLE WA 98104

Message Codes: ag

<b>Total for Internet-ID:</b> aspectllc		8.42
<b>Total UPS Internet Shipping</b>	1 Package(s)	8.42
<b>Total Outbound</b>	1 Package(s)	8.42

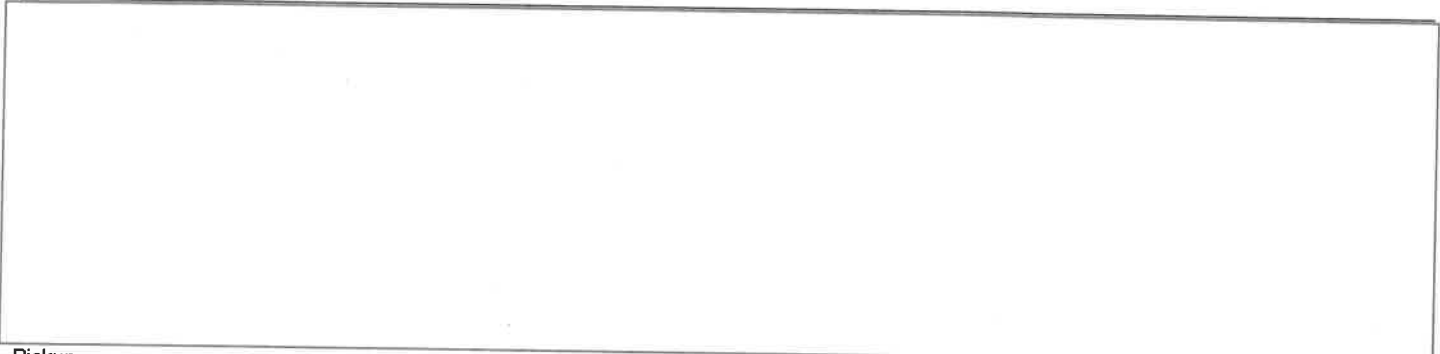
**Invoice Messaging**

Code	Message
ag	Minimum Rates Applied



**Delivery Service Invoice**  
Invoice Date **April 20, 2019**  
Invoice Number **00003T358T169**  
Shipper Number **3T358T**

**Outbound  
UPS Shipping Document**



Pickup Date	Tracking Number	Service	ZIP Code	Zone	Weight	Published Charge	Incentive Credit	Billed Charge
04/15	1Z3T358T0399583274	Ground Commercial	98104	2	1	7.85		7.85
		Fuel Surcharge				0.57		0.57
		<b>Total</b>				<b>8.42</b>		<b>8.42</b>

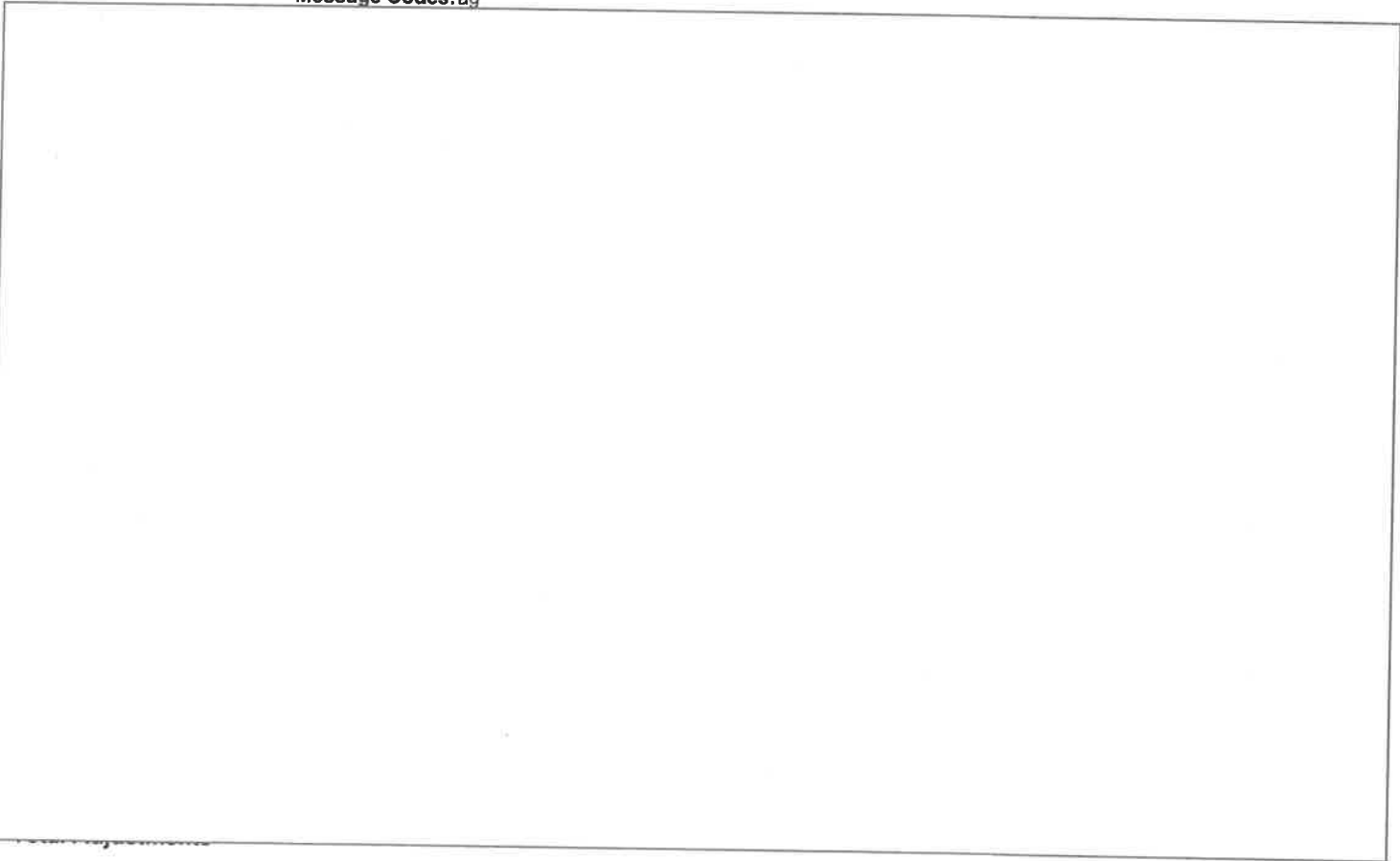
**1st ref:** 160324

**Sender :** Jessica Smith  
Aspect Consulting LLC  
710 2nd Avenue  
SEATTLE WA 98104

**Message Codes:** ag

**UserID:** aspectllc

**Receiver:** Sound Transit  
Angie House and Mark Menard  
401 S. Jackson Street  
SEATTLE WA 98104



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

May 1, 2019

**INVOICE #19ASP0501-2**

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

RE: Project MBHA Gateway 160324, F&BI 904429 - Results of testing requested by Jessica Smith for material submitted on April 23, 2019.

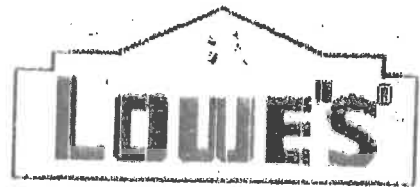
1 sample analyzed for TPH as gasoline by Method NWTPH-Gx @ \$55 per sample	\$ 55.00
1 sample analyzed for diesel extended by Method NWTPH-Dx @ \$65 per sample	65.00
1 sample analyzed for volatiles by Method 8260 @ \$145 per sample	<u>145.00</u>
Amount Due .....	\$ 265.00

ACCOUNTS PAYABLE	
JOB #	160324
AMOUNT \$	265.00
DATE	5/2/2019
APPROVED	JAS
G/L CODE	5140



**RECEIVED**  
By Allison Watt at 7:52 am, May 02, 2019

FEDERAL TAX ID #91-1287838



LOWE'S HOME CENTERS, LLC  
 2700 RAINIER AVENUE SOUTH  
 SEATTLE, WA 98144 (206) 760-0832

**- SALE -**

SALES#: S0004AW1 2225598 TRANS#: 95927109 04-10-19

24009 3/4IN X 18IN GALV PIPE	31.47
3 @ 10.49	
877074 1/2-IN HOSE BARB X 3/4-IN	12.57
3 @ 4.19	
369243 3/4IN LF CK SPRING LDC-61	31.96
2 @ 15.98	

SUBTOTAL:	76.00
TAX:	7.68
INVOICE 28968 TOTAL:	83.68
DEBIT:	83.68

DEBIT:XXXXXXXXXX7505 AMOUNT:83.68 AUTHCD:171829  
 SWIPED REFID:000428414830 04/10/19 13:11:23  
 TRACE:00678789

PURCHASE	CASH BACK	TOTAL DEBIT
83.68	0.00	83.68

STORE: 0004 TERMINAL: 28 04/10/19 13:12:06

# OF ITEMS PURCHASED: 8  
 EXCLUDES FEES, SERVICES AND SPECIAL ORDER ITEMS



THANK YOU FOR SHOPPING LOWE'S.  
 SEE REVERSE SIDE FOR RETURN POLICY.  
 STORE MANAGER: ZACH BRAGGER

LOWE'S PRICE MATCH GUARANTEE  
 FOR MORE DETAILS, VISIT LOWES.COM/PRICEMATCH

\*\*\*\*\*

\* YOUR OPINIONS COUNT! \*

\* REGISTER FOR A CHANCE TO BE \*

\* ONE OF FIVE \$1,000 WINNERS DRAWN MONTHLY! \*

\* REGISTRESE EN EL SORTEO MENSUAL \*

\* PARA SER UNO DE LOS CINCO GANADORES DE \$1,000! \*

\* REGISTER BY COMPLETING A GUEST SATISFACTION SURVEY \*

\* WITHIN ONE WEEK AT: [www.lowes.com/survey](http://www.lowes.com/survey) \*

\* YOUR ID # 28968 0004 100 \*

NO PURCHASE NECESSARY TO ENTER OR WIN. \*  
 VOID WHERE PROHIBITED. MUST BE 18 OR OLDER TO ENTER. \*  
 OFFICIAL RULES & WINNERS AT: [www.lowes.com/survey](http://www.lowes.com/survey) \*

\*\*\*\*\*

STORE: 0004 TERMINAL: 28 04/10/19 13:12:06

April 12,  
2019

**Reservation:** CR-V with Discover Pass Yakima at Occidental Ave S/S King St - Stadium Place \$184.52

April 15, 2019, 6:00 AM - April 16, 2019, 6:00 PM — Driver: Matthew M Lewis (160324 Maddux Pump Testing)

	usage	rate	amount
Daily rate	2 days	\$70.00	\$140.00
WA Seattle Sales Tax: 3.6%			\$5.04
WA State Sales Tax: 6.5%			\$9.10
WA State Rental Car Tax - King County: 7.7%			\$10.78
Damage Fee Waiver			\$19.60

Total Charges \$184.52

Billed to credit card ending in 2381 \$184.52



LOWE'S HOME CENTERS, LLC  
 2700 RAINIER AVENUE SOUTH  
 SEATTLE, WA 98144 (206) 760-0832

-- SALIE --

SALES#: S0004MP1 2203923 TRANS#: 27882450 03-29-19

348256 BKR 2/0 ZINC PASS LINK CH 4.60  
 4 @ 1.15

SUBTOTAL: 4.60  
 TAX: 0.46  
 INVOICE 24956 TOTAL: 5.06  
 DEBIT: 5.06

DEBIT: XXXXXXXXXXXX4193 AMOUNT: 5.06 AUTHCD: 000586  
 SHIPPED REFID: 000424487933 03/29/19 11:00:36  
 TRACE: 00079006

PURCHASE	CASH BACK	TOTAL DEBIT
5.06	0.00	5.06

STORE: 0004 TERMINAL: 24 03/29/19 11:01:14  
 # OF ITEMS PURCHASED: 1  
 EXCLUDES FEES, SERVICES AND SPECIAL ORDER ITEMS



THANK YOU FOR SHOPPING LOWE'S.  
 SEE REVERSE SIDE FOR RETURN POLICY.  
 STORE MANAGER: ZACH BEAEGGER

LOWE'S PRICE MATCH GUARANTEE  
 FOR MORE DETAILS, VISIT LOWES.COM/PRICEMATCH

\*\*\*\*\*

\* YOUR OPINIONS COUNT! \*

\* REGISTER FOR A CHANCE TO BE \*

\* ONE OF FIVE \$1,000 WINNERS DRAWN MONTHLY! \*

\* REGISTRESE EN EL SORTEO MENSUAL. \*

\* PARA SER UNO DE LOS CINCO GANADORES DE \$1,000! \*

\* REGISTER BY COMPLETING A GUEST SATISFACTION SURVEY \*

\* WITHIN ONE WEEK AT: [www.lwms.com/survey](http://www.lwms.com/survey) \*

\* YOUR ID # 24956 0004 088 \*

\* NO PURCHASE NECESSARY TO ENTER OR WIN. \*

\* VOID WHERE PROHIBITED. MUST BE 18 OR OLDER TO ENTER. \*

\* OFFICIAL RULES & WINNERS AT: [www.lwms.com/survey](http://www.lwms.com/survey) \*

\*\*\*\*\*

STORE: 0004 TERMINAL: 24 03/29/19 11:01:14



## INVOICE

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

Invoice number 33206  
 Date 05/13/2019

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

Professional Services for the Period Through 05/10/19

Services completed during this invoice period include coordination with Landau to share data obtained by Aspect during the vapor intrusion evaluation, integration of the data obtained by GHD on the P66 parcel into the Remedial Investigation report, support for the Amendment to Property Access.

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>	1.25	207.00	258.75
Staff 3	<i>Jason S. Yabandeh</i>	10.00	134.00	1,340.00
Coordinator 2	<i>Miroslava Ramsey</i>	0.25	98.00	24.50
Coordinator 1	<i>Joey M. Miramontez</i>	0.75	93.00	69.75
	Phillips 66 Former Gas Station subtotal			2,958.00

Invoice total **2,958.00**

### Aging Summary

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
33206	05/13/2019	2,958.00	2,958.00				
	Total	2,958.00	2,958.00	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](mailto:invoices@aspectconsulting.com)  
 If you would like to pay via electronic payment, please contact us via email: [AccountingAR@aspectconsulting.com](mailto: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: 05/10/2019**

Date	Units	Rate	Amount
------	-------	------	--------

**Labor**

WIP Status: Billable

Principal 2

**David A. Cook**

Professional Services	04/22/2019	1.00	253.00	253.00
<i>Rev email from Landau and respond</i>				
Professional Services	04/23/2019	1.00	253.00	253.00
<i>Email response to Landau email re: FS, timing, data share</i>				
Professional Services	04/24/2019	0.50	253.00	126.50
<i>Email to landau re soil gas and schedule</i>				
Professional Services	05/07/2019	2.50	253.00	632.50
<i>Emails/comms w/Larry Beard re: GW results</i>				
<i>Email summary of GW results</i>				

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

Associate

**Jessica A. Smith**

Professional Services	04/15/2019	0.75	207.00	155.25
<i>Review draft P66-MBHA amendment sent by Mike, reply with edits and send lab reports and site plan</i>				
Professional Services	04/18/2019	0.50	207.00	103.50
<i>Follow-up on sampling and removal of the baker tanks</i>				

Subtotal **1.25** **258.75**

Staff 3

**Jason S. Yabandeh**

Professional Services	04/11/2019	2.00	134.00	268.00
<i>Prepping and loading Phillips 66 data</i>				
Professional Services	04/12/2019	3.00	134.00	402.00
<i>Prepping and loading Phillips 66 data</i>				
Professional Services	04/16/2019	5.00	134.00	670.00
<i>Loading P66 and new Aspect data, creating summary tables and figure tables</i>				

Subtotal **10.00** **1,340.00**

Coordinator 2

**Miroslava Ramsey**

Professional Services	04/12/2019	0.25	98.00	24.50
<i>Project administration.</i>				

Subtotal **0.25** **24.50**

Coordinator 1

**Joey M. Miramontez**

Professional Services	04/08/2019	0.25	93.00	23.25
<i>Project status update</i>				
Professional Services	05/03/2019	0.25	93.00	23.25
<i>Project status update</i>				
Professional Services	05/08/2019	0.25	93.00	23.25
<i>Project status update</i>				

Subtotal **0.75** **69.75**

Labor total **17.25** **2,958.00**



## INVOICE

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

Invoice number 33209  
 Date 05/13/2019

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

Professional Services for the Period 03/30/2019 to 04/26/2019

Services provided include:

- Meetings with design team to discuss geotechnical support of remediation
- Geotechnical analyses for temporary shoring and backfill 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
- Geotechnical reporting for the environmental remediation
- Project management for tasks in support of environmental remediation

**Maddux North - Geotech Support for Env Remediation**

Professional Services		Hours	Rate	Billed Amount
Principal 2	<i>David A. Cook</i>	2.00	253.00	506.00
Principal 1	<i>Erik O. Andersen</i>	4.00	239.00	956.00
Project 2	<i>Spencer J. Ambauen</i>	20.25	155.00	3,138.75
Staff 3	<i>Marica O. Otto</i>	28.00	134.00	3,752.00
Sr. CAD	<i>Steve C. Cudd</i>	15.00	130.00	1,950.00
Staff 2	<i>Jasmin S. Jamal</i>	3.25	121.00	393.25
Coordinator 2	<i>Miroslava Ramsey</i>	0.25	98.00	24.50
Maddux North - Geotech Support for Env Remediation subtotal				10,720.50

**Maddux South - Geotech Support for Env Remediation**

Professional Services		Hours	Rate	Billed Amount
Principal 1	<i>Erik O. Andersen</i>	4.00	239.00	956.00
Project 2	<i>Spencer J. Ambauen</i>	31.25	155.00	4,843.75
Project 1	<i>Emelie A. Crumbaker</i>	0.50	145.00	72.50
Staff 3	<i>Marica O. Otto</i>	44.00	134.00	5,896.00
Sr. CAD	<i>Steve C. Cudd</i>	9.25	130.00	1,202.50
Sr. Editor	<i>Mike E. Maisen</i>	5.50	115.00	632.50
Maddux South - Geotech Support for Env Remediation subtotal				13,603.25

Invoice total **24,323.75**

**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			
33209	05/13/2019	24,323.75	24,323.75				
	Total	71,432.25	24,323.75	26,565.50	20,543.00	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](mailto:invoices@aspectconsulting.com)  
If you would like to pay via electronic payment, please contact us via email: [AccountingAR@aspectconsulting.com](mailto:AccountingAR@aspectconsulting.com)*

**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: 04/26/2019**

Date	Units	Rate	Amount
------	-------	------	--------

**Labor**

WIP Status: Billable

Principal 1

**Erik O. Andersen**

Professional Services	04/11/2019	1.00	239.00	239.00
<i>Progress check in with Spencer</i>				

Subtotal **1.00** **239.00**

Staff 3

**Marica O. Otto**

Professional Services	04/02/2019	1.75	134.00	234.50
<i>Geotechnical review of boring logs</i>				

Professional Services	04/03/2019	1.00	134.00	134.00
<i>Geotechnical review of boring logs</i>				

Professional Services	04/04/2019	2.50	134.00	335.00
<i>Revise geotechnical site plan and cross-sections based on project updates from design team meeting (04.02.2019)</i>				

Professional Services	04/10/2019	1.50	134.00	201.00
<i>Edits to remediation report figures</i>				

Professional Services	04/11/2019	2.25	134.00	301.50
<i>Edits to remediation report figures Geotechnical team meeting re: remedial report figures</i>				

Professional Services	04/12/2019	1.50	134.00	201.00
<i>Geotechnical team meeting re: remedial report figures</i>				

Professional Services	04/14/2019	2.75	134.00	368.50
<i>Earth pressure diagrams for temporary shoring</i>				

Professional Services	04/19/2019	0.25	134.00	33.50
<i>Reporting: Geotechnical support for remedial excavation</i>				

Subtotal **13.50** **1,809.00**

Sr. CAD

**Steve C. Cudd**

Professional Services	04/01/2019	0.75	130.00	97.50
<i>Figure Preparation-Geotechnical Cross Sections</i>				

Professional Services	04/11/2019	0.75	130.00	97.50
<i>Data Review and Preparation for figures related to remedial excavation geotech reports</i>				

Professional Services	04/15/2019	4.00	130.00	520.00
<i>Figure Set Preparation for remedial excavation geotech reports</i>				

Professional Services	04/16/2019	5.00	130.00	650.00
<i>Figure Set Preparation remedial excavation geotech reports</i>				

Professional Services	04/17/2019	2.00	130.00	260.00
<i>Figure Set Preparation remedial excavation geotech reports</i>				

Professional Services	04/18/2019	2.50	130.00	325.00
<i>Figure Set Preparation remedial excavation geotech reports</i>				

Subtotal **15.00** **1,950.00**

Labor total **29.50** **3,998.00**

**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: 04/26/2019**

Date	Units	Rate	Amount
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**Labor**

WIP Status: Billable

Principal 2				
<b>David A. Cook</b>				
Professional Services	04/22/2019	2.00	253.00	506.00
<i>Review of draft geotechnical report for remedial excavations and discussion with geotech engineers.</i>				
Subtotal		<b>2.00</b>		<b>506.00</b>
Principal 1				
<b>Erik O. Andersen</b>				
Professional Services	04/18/2019	3.00	239.00	717.00
<i>Review data, analyses, and draft geotechnical report for remedial excavations. provide comments.</i>				
Subtotal		<b>3.00</b>		<b>717.00</b>
Project 2				
<b>Spencer J. Ambauen</b>				
Professional Services	04/11/2019	1.25	155.00	193.75
<i>Geotechnical reporting for remedial excavations</i>				
Professional Services	04/15/2019	0.50	155.00	77.50
<i>Reporting: Geotechnical support for remedial excavation</i>				
Professional Services	04/16/2019	3.50	155.00	542.50
<i>Reporting: Geotechnical support for remedial excavation</i>				
Professional Services	04/17/2019	5.50	155.00	852.50
<i>Reporting: Geotechnical support for remedial excavation</i>				
Professional Services	04/19/2019	1.50	155.00	232.50
<i>Reporting: Geotechnical support for remedial excavation</i>				
Subtotal		<b>12.25</b>		<b>1,898.75</b>
Staff 3				
<b>Marica O. Otto</b>				
Professional Services	04/08/2019	0.50	134.00	67.00
<i>Reporting: Geotechnical support for remedial excavation</i>				
Professional Services	04/16/2019	6.00	134.00	804.00
<i>Reporting: Geotechnical support for remedial excavation</i>				
Professional Services	04/19/2019	0.50	134.00	67.00
<i>Reporting: Geotechnical support for remedial excavation</i>				
Subtotal		<b>7.00</b>		<b>938.00</b>
Staff 2				
<b>Jasmin S. Jamal</b>				
Professional Services	04/02/2019	3.25	121.00	393.25
<i>gINT edits for Appendix A in remedial excavation geotech reports</i>				
Subtotal		<b>3.25</b>		<b>393.25</b>
Labor total		<b>27.50</b>		<b>4,453.00</b>

**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: 04/26/2019

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Project 2

**Spencer J. Ambauen**

Professional Services 04/01/2019 2.25 155.00 348.75  
*Collaboration meeting with Aspect environmental team,  
 Preparation of materials for design team meeting on 04.02.2019*

Professional Services 04/02/2019 4.00 155.00 620.00  
*Design team meeting with contractor to discuss excavation and temporary shoring*

Subtotal **6.25 968.75**

Staff 3

**Marica O. Otto**

Professional Services 04/01/2019 4.50 134.00 603.00  
*Collaboration meeting with Aspect environmental team  
 Preparation of materials for design team meeting on 04.02.2019*

Professional Services 04/02/2019 0.75 134.00 100.50  
*Discuss project updates from design team meeting*

Subtotal **5.25 703.50**

Labor total **11.50 1,672.25**

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

Phase Status: Active

Billing Cutoff: 04/26/2019

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Project 2

**Spencer J. Ambauen**

Professional Services 04/12/2019 0.75 155.00 116.25  
*Project management for environmental remediation tasks*

Professional Services 04/19/2019 0.50 155.00 77.50  
*Project management for environmental remediation tasks*

Professional Services 04/22/2019 0.50 155.00 77.50  
*Collaboration meeting with Aspect environmental team*

Subtotal **1.75 271.25**

Staff 3

**Marica O. Otto**

Professional Services 04/01/2019 0.25 134.00 33.50  
*Project management for environmental remediation tasks*

Professional Services 04/05/2019 0.25 134.00 33.50  
*Project management for environmental remediation tasks*

Professional Services 04/10/2019 0.75 134.00 100.50  
*Geotechnical team meeting re: remedial excavation tasks*

Professional Services 04/14/2019 0.25 134.00 33.50  
*Site visit*

Professional Services 04/15/2019 0.50 134.00 67.00

**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: 04/26/2019

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Staff 3

**Marica O. Otto**

*Project management for environmental remediation tasks*

*Collaboration meeting with Aspect environmental team*

Professional Services	04/22/2019	0.25	134.00	33.50
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*Collaboration meeting with Aspect environmental team*

Subtotal		<b>2.25</b>		<b>301.50</b>
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Coordinator 2

**Miroslava Ramsey**

Professional Services	04/12/2019	0.25	98.00	24.50
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*Project administration.*

Subtotal		<b>0.25</b>		<b>24.50</b>
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Labor total		<b>4.25</b>		<b>597.25</b>
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**Maddux South - Geotech Support for Env Remediation  
 01 Task 1 - Geotechnical Data Review and Geologic Interpretations**

Phase Status: Active

Billing Cutoff: 04/26/2019

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Project 1

**Emelie A. Crumbaker**

Professional Services	04/11/2019	0.50	145.00	72.50
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*Rockery wall location/inconsistency with contours (lidar vs survey) meeting to discuss data sources and review field locaiton notes for geotechnical proposed work.*

Subtotal		<b>0.50</b>		<b>72.50</b>
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Sr. CAD

**Steve C. Cudd**

Professional Services	04/01/2019	0.75	130.00	97.50
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*Figure Preparation-Geotechnical Cross Sections for remedial excavations*

Professional Services	04/11/2019	1.50	130.00	195.00
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*Data Review and Preparation for figures related to remedial excavation geotech reports*

Subtotal		<b>2.25</b>		<b>292.50</b>
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Labor total		<b>2.75</b>		<b>365.00</b>
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**Maddux South - Geotech Support for Env Remediation  
 02 Task 2 - Geotechnical Engineering Analyses for Remediation**

Phase Status: Active

Billing Cutoff: 04/26/2019

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Staff 3

**Marica O. Otto**

Professional Services	04/02/2019	1.75	134.00	234.50
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*Geotechnical review of boring logs*

**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: 04/26/2019**

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Staff 3

**Marica O. Otto**

Professional Services	04/03/2019	1.00	134.00	134.00
<i>Geotechnical review of boring logs</i>				
Professional Services	04/04/2019	2.50	134.00	335.00
<i>Revise geotechnical site plan and cross-sections based on project updates from design team meeting (04.02.2019)</i>				
Professional Services	04/10/2019	1.50	134.00	201.00
<i>Edits to remediation report figures</i>				
Professional Services	04/11/2019	2.25	134.00	301.50
<i>Edits to remediation report figures Geotechnical team meeting re: remedial report figures</i>				
Professional Services	04/12/2019	1.50	134.00	201.00
<i>Geotechnical team meeting re: remedial report figures</i>				
Professional Services	04/14/2019	2.75	134.00	368.50
<i>Earth pressure diagrams for temporary shoring</i>				

Subtotal **13.25** **1,775.50**

Sr. CAD

**Steve C. Cudd**

Professional Services	04/16/2019	2.00	130.00	260.00
<i>Figure Set Preparation for figures related to remedial excavation geotech reports</i>				
Professional Services	04/17/2019	2.25	130.00	292.50
<i>Figure Set Preparation for figures related to remedial excavation geotech reports</i>				
Professional Services	04/18/2019	2.50	130.00	325.00
<i>Figure Set Preparation for figures related to remedial excavation geotech reports</i>				
Professional Services	04/19/2019	0.25	130.00	32.50
<i>Figure Set Preparation for figures related to remedial excavation geotech reports</i>				

Subtotal **7.00** **910.00**

Labor total **20.25** **2,685.50**

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

Phase Status: Active

**Billing Cutoff: 04/26/2019**

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Principal 1

**Erik O. Andersen**

Professional Services	04/19/2019	3.00	239.00	717.00
<i>Review data, calculations, and draft report, provide comments on the draft report, review revised draft report and see it gets sent out on time.</i>				
Professional Services	04/22/2019	1.00	239.00	239.00
<i>follow up on our draft report communications</i>				

Subtotal **4.00** **956.00**

Project 2

**Spencer J. Ambauen**



**Invoice Supporting Detail**

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

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

Phase Status: Active

Billing Cutoff: 04/26/2019

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Project 2

**Spencer J. Ambauen**

Professional Services	04/11/2019	3.25	155.00	503.75
<i>Reporting for geotech support of remedial excavation, discussion with MO, figure edits</i>				
Professional Services	04/15/2019	0.50	155.00	77.50
<i>Reporting: Geotechnical support for remedial excavation</i>				
Professional Services	04/16/2019	3.50	155.00	542.50
<i>Reporting: Geotechnical support for remedial excavation</i>				
Professional Services	04/17/2019	5.50	155.00	852.50
<i>Reporting: Geotechnical support for remedial excavation</i>				
Professional Services	04/18/2019	4.50	155.00	697.50
<i>Reporting: Geotechnical support for remedial excavation</i>				
Professional Services	04/19/2019	2.75	155.00	426.25
<i>Reporting: Geotechnical support for remedial excavation</i>				
Subtotal		<b>20.00</b>		<b>3,100.00</b>

Staff 3

**Marica O. Otto**

Professional Services	04/15/2019	7.25	134.00	971.50
<i>Reporting: Geotechnical support for remedial excavation</i>				
Professional Services	04/16/2019	6.00	134.00	804.00
<i>Reporting: Geotechnical support for remedial excavation</i>				
Professional Services	04/17/2019	8.00	134.00	1,072.00
<i>Reporting: Geotechnical support for remedial excavation</i>				
Professional Services	04/18/2019	1.50	134.00	201.00
<i>Reporting: Geotechnical support for remedial excavation</i>				
Professional Services	04/19/2019	0.50	134.00	67.00
<i>Reporting: Geotechnical support for remedial excavation</i>				
Subtotal		<b>23.25</b>		<b>3,115.50</b>

Sr. Editor

**Mike E. Maisen**

Professional Services	04/19/2019	5.50	115.00	632.50
<i>Edit 2 draft geotechnical reports for environmental remediation (Maddux North+South)</i>				
Subtotal		<b>5.50</b>		<b>632.50</b>
Labor total		<b>52.75</b>		<b>7,804.00</b>

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

Phase Status: Active

Billing Cutoff: 04/26/2019

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  
 04 Task 4 - Design Collaboration and Permit Support**

Phase Status: Active

**Billing Cutoff: 04/26/2019**

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Project 2

**Spencer J. Ambauen**

Professional Services	04/01/2019	2.25	155.00	348.75
<i>Collaboration meeting with Aspect environmental team, Preparation of materials for design team meeting on 04.02.2019</i>				
Professional Services	04/02/2019	4.00	155.00	620.00
<i>Design team meeting with contractor to discuss excavation and temporary shoring</i>				
Professional Services	04/11/2019	2.25	155.00	348.75
<i>Coordinating with ENV team for remedial excavation reports, survey data review</i>				
Professional Services	04/15/2019	1.00	155.00	155.00
<i>Collaboration meeting with Aspect environmental team</i>				

Subtotal **9.50** **1,472.50**

Staff 3

**Marica O. Otto**

Professional Services	04/01/2019	4.50	134.00	603.00
<i>Collaboration meeting with Aspect environmental team Preparation of materials for design team meeting on 04.02.2019</i>				
Professional Services	04/02/2019	0.75	134.00	100.50
<i>Discuss project updates from design team meeting</i>				

Subtotal **5.25** **703.50**

Labor total **14.75** **2,176.00**

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

Phase Status: Active

**Billing Cutoff: 04/26/2019**

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Project 2

**Spencer J. Ambauen**

Professional Services	04/12/2019	0.75	155.00	116.25
<i>Project management for environmental remediation tasks</i>				
Professional Services	04/19/2019	0.50	155.00	77.50
<i>Project management for environmental remediation tasks</i>				
Professional Services	04/22/2019	0.50	155.00	77.50
<i>Collaboration meeting with Aspect environmental team</i>				

Subtotal **1.75** **271.25**

Staff 3

**Marica O. Otto**

Professional Services	04/01/2019	0.25	134.00	33.50
<i>Project management for environmental remediation tasks</i>				
Professional Services	04/05/2019	0.25	134.00	33.50
<i>Project management for environmental remediation tasks</i>				
Professional Services	04/10/2019	0.75	134.00	100.50

**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: 04/26/2019**

Date	Units	Rate	Amount
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**Labor** WIP Status: Billable

Staff 3

**Marica O. Otto**

*Geotechnical team meeting re: remedial excavation tasks*

Professional Services 04/14/2019 0.25 134.00 33.50

*Site visit*

Professional Services 04/15/2019 0.50 134.00 67.00

*Project management for environmental remediation tasks*

*Collaboration meeting with Aspect environmental team*

Professional Services 04/22/2019 0.25 134.00 33.50

*Collaboration meeting with Aspect environmental team*

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Subtotal **2.25** **301.50**

Labor total **4.00** **572.75**

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