



May 25, 2017

Reference No. 086165-04-08

Mr. Phil Richard  
Wisconsin Department of Natural Resources  
875 S 4<sup>th</sup> Avenue  
Park Falls, Wisconsin 54552

Dear Phil:

**Re: Monthly Status Update – April 2017  
Penta Wood Products Superfund Site  
Siren, Wisconsin**

GHD Services Inc. (GHD) has prepared this monthly status update for the period of April 2017 for the Penta Wood Products Superfund Site (Site). The project budget and costs are summarized in the following Tables 1 through 4. All problems, resolutions, and/or recommended solutions with an assessment of data collected during this period will be provided in the next Quarterly Report – April through June 2017. The following is a brief summary of the work completed.

***Phase 02-Tasks 01 through 23***

- No costs were billed to these tasks in the current invoice.

***Phase 03-Task 01 Well repairs***

- No costs were billed to this task in the current invoice.

***Phase 03-Task 02 Drilling and well installation***

- No costs were billed to this task in the current invoice.

***Phase 03-Task 03 System decommissioning***

- No costs were billed to this task in the current invoice.

***Phase 03-Task 04 Site safety plan***

- No costs were billed to this task in the current invoice.

***Phase 03-Task 05 Site QA/QC plan***

- No costs were billed to this task in the current invoice.

***Phase 03-Task 06 Waste characterization***

- No costs were billed to this task in the current invoice.



***Phase 03-Task 07 Waste disposal***

- On March 20 and April 7, 2017, sodium hydroxide (approximately 5,200 gallons) was removed from the Site and transported to Advanced Waste Services of Wisconsin, ChemWorks Treatment Facility located in Milwaukee, Wisconsin for reclamation and reuse as part of the facility treatment processes.
- On April 7, 2017, ferric sulfate (approximately 2,759 gallons) was removed from the Site and transported to the Envirite of Illinois facility in Harvey, Illinois for disposal as a hazardous waste.

***Phase 03-Task 08 Housekeeping and grounds keeping***

- No costs were billed to this task in the current invoice.

***Phase 03-Task 09 Quarterly groundwater/LNAPL level monitoring***

- No costs were billed to this task in the current invoice.

***Phase 03-Task 10 Baseline groundwater well sampling***

- No costs were billed to this task in the current invoice.

***Phase 03-Task 11 Quarterly groundwater well sampling***

- No costs were billed to this task in the current invoice.

***Phase 03-Task 12 Semiannual residential well sampling***

- No costs were billed to this task in the current invoice.

***Phase 03-Task 13 Quarterly reporting***

- No costs were billed to this task in the current invoice.

***Phase 03-Task 14 Monthly reporting***

- No costs were billed to this task in the current invoice.

***Phase 03-Task 15 Regulatory communications***

- No costs were billed to this task in the current invoice.

***Phase 03-Task 16 Microcosm and bio-trap study***

- No costs were billed to this task in the current invoice.



***Phase 03-Task 17      Shallow soil and sediment investigation***

- A letter dated April 18, 2017 was submitted to the adjacent property owner providing notification and the schedule for soil sampling work.
- On April 27 through May 1, 2017, additional soil/sediment sampling was conducted to determine existing pentachlorophenol and/or arsenic concentrations at selected areas and to confirm the horizontal and vertical extent of contamination associated with continuing obligations at the site.
- Laboratory subcontractor costs for analyzing the soil samples will be included with a future invoice.
- Subcontractor costs for drilling and soil sampling will be included with a future invoice.

***Phase 04-Task 01      Site safety plan***

- No costs were billed to this task in the current invoice.

***Phase 04-Task 02      Site QA/QC plan***

- No costs were billed to this task in the current invoice.

***Phase 04-Task 03      Housekeeping and grounds keeping***

- The annual fire extinguisher inspections for the building were completed April 6, 2017. No costs were billed to this task in the current invoice.
- The current invoice includes subcontractor costs (Northland Fire & Safety) for inspecting the fire extinguishers.

***Phase 04-Task 04      Quarterly fluid level monitoring***

- The April 2017 quarterly fluid level monitoring event was completed on April 17, 2017 and data was evaluated.
- The top of casing elevation at well MW14 was re-surveyed due previous well repairs and modifications.

***Phase 04-Task 05      Semiannual monitoring well sampling***

- The April 2017 semiannual monitoring well sampling event was conducted on April 18 through 24, 2017 and data was evaluated.
- The current invoice includes subcontractor costs (Field Environmental Instruments, Inc.) for rental of groundwater monitoring and sampling equipment.
- Laboratory subcontractor costs for the groundwater samples will be included with a future invoice.



***Phase 04-Task 06      Semiannual residential well sampling***

- Letters dated April 5, 2017 were submitted to the property owners providing notification and the schedule for residential well sampling work.
- The April 2017 semiannual residential well sampling event was conducted on April 17 through 19, 2017 and data was evaluated.
- Laboratory subcontractor costs for the residential well samples will be included with a future invoice.

***Phase 04-Task 07      Semiannual reporting***

- The Quarterly Progress Report – January through March 2017 was submitted on May 3, 2017.
- Portions of the Quarterly Progress Report – April through June 2017 were prepared.

***Phase 04-Task 08      Monthly reporting***

- Periodic project updates were provided to WDNR.
- The project budget was updated.
- The Monthly Status Report – March 2017 was prepared and subsequently submitted on April 28, 2017.

***Phase 04-Task 09      Regulatory communications***

- No costs were billed to this task in the current invoice.

***Phase 04-Task 10      Shallow soil and sediment investigation data evaluation***

- No costs were billed to this task in the current invoice.

***Phase 04-Task 11      Soil sampling under surface debris***

- On April 27 and 28, 2017, soil sampling was conducted under surface debris to assess the groundwater protection pathway due to the detected contaminant concentrations in the debris.
- Laboratory subcontractor costs for analyzing the soil samples will be included with a future invoice.
- Subcontractor costs for drilling and soil sampling will be included with a future invoice.



Should you have questions, please do not hesitate to contact us.

Sincerely,

GHD

A handwritten signature in blue ink, appearing to read "Tim Ree", with a stylized flourish at the end.

Tim Ree

TR/sb/43

Encl.

cc: Stephanie Linebaugh, USEPA (via email)  
Viral Patel, USEPA (via email)  
Judy Fassbender, WDNR Madison (via email)  
David Swimm, WDNR Madison (via email)  
John Robinson, WDNR Wausau (via email)  
Gary Edelstein, WDNR Madison (via email)  
Duane Klein, WDNR Madison (via email)  
Ron Frehner, GHD (via email)  
Brian Sandberg, GHD (via email)  
Pete Storlie, GHD (via email)

**Table 1**  
**Budget Summary**  
**Penta Wood Products Superfund Site**  
**Siren, Wisconsin**

GHD Project Number 086165

**Original Scope of Work and Purchase Order**

Phase	Description	Budget
02	Original Scope of Work (Table 2)	\$ 1,271,421.94
<b>Original Scope of Work Total</b>		<b>\$ 1,271,421.94</b>

**Project Costs**

Current Invoice Cost (through 4/30/2017)	Previous Invoiced Cost	Total Invoiced Cost (through 4/30/2017)	Budget Remaining (through 4/30/2017)
\$ -	\$ 180,027.59	\$ 180,027.59	\$ 1,091,394.35
<b>\$ -</b>	<b>\$ 180,027.59</b>	<b>\$ 180,027.59</b>	<b>\$ 1,091,394.35</b>

**Revised Scope of Work**

Phase	Description	Budget
03	2015-2016 Revised Scope of Work (Table 3)	\$ 786,897.18
04	2017 Revised Scope of Work (Table 4)	\$ 188,770.15
<b>Revised Scope of Work Total</b>		<b>\$ 975,667.33</b>

**Project Costs**

Current Invoice Cost (through 4/30/2017)	Previous Invoiced Cost	Total Invoiced Cost (through 4/30/2017)	Budget Remaining (through 4/30/2017)
\$ 7,523.72	\$ 711,252.33	\$ 718,776.05	\$ 68,121.13
\$ 25,639.07	\$ 21,659.74	\$ 47,298.81	\$ 141,471.34
<b>\$ 33,162.79</b>	<b>\$ 732,912.07</b>	<b>\$ 766,074.86</b>	<b>\$ 209,592.47</b>

**Overall Budget Status <sup>1</sup>**

<b>Original Budget</b>	<b>\$ 1,271,421.94</b>
<b>Total Invoiced Cost (through 4/30/2017)</b>	<b>\$ 946,102.45</b>
<b>Overall Budget Remaining (through 4/30/2017)</b>	<b>\$ 325,319.49</b>

Note:

<sup>1</sup> The total revised scope of work budget is less than the original scope of work purchase order budget. For overall project budget tracking purposes, the combined costs for work completed under the original purchase order and the revised scope of work are compared against the original purchase order budget.

Table 2

**Original Scope of Work and Purchase Order Budget Summary  
Penta Wood Products Superfund Site  
Siren, Wisconsin**

**GHD Project Number 086165  
Phase 02 - August 1, 2015 - July 31, 2017**

Task	Description	Unit	Original Scope of Work and Purchase Order Budget			Project Costs			
			Estimated Quantity	Unit Cost	Budget	Current Invoice Cost (through 4/30/2017)	Previous Invoiced Cost	Total Invoiced Cost (through 4/30/2017)	Budget Remaining (through 4/30/2017)
01	Routine O&M	Labor hours/rate estimated material equipment and rental costs and travel	2	\$ 319,744.46	\$ 639,488.92	\$ -	\$ 91,595.41	\$ 91,595.41	\$ 547,893.51
02	Waste characterization	Labor hours/rate estimated material equipment and rental costs and travel	2	\$ 9,064.00	\$ 18,128.00	\$ -	\$ -	\$ -	\$ 18,128.00
03	Waste disposal	Costs plus markup	2	\$ 91,200.36	\$ 182,400.72	\$ -	\$ -	\$ -	\$ 182,400.72
04	Housekeeping and grounds keeping	Labor hours/rate estimated material equipment and rental costs and travel	2	\$ 17,889.60	\$ 35,779.20	\$ -	\$ 2,742.13	\$ 2,742.13	\$ 33,037.07
05	Monthly soil gas monitoring	Each round	14	\$ 3,286.80	\$ 46,015.20	\$ -	\$ 5,525.48	\$ 5,525.48	\$ 40,489.72
06	Treat syst inf (PCP)	Each round	48	\$ 99.23	\$ 4,762.80	\$ -	\$ 756.00	\$ 756.00	\$ 4,006.80
07	Treat syst eff (PCP)	Each round	104	\$ 226.73	\$ 23,579.40	\$ -	\$ 3,696.71	\$ 3,696.71	\$ 19,882.69
08	Treat syst eff (DRO, naphthalene)	Each round	24	\$ 132.30	\$ 3,175.20	\$ -	\$ 504.00	\$ 504.00	\$ 2,671.20
09	Treat syst eff (metals, chloride)	Each round	8	\$ 194.70	\$ 1,557.60	\$ -	\$ 64.05	\$ 64.05	\$ 1,493.55
10	Treat syst eff (BTEX, phenol, dioxin)	Each round	2	\$ 495.60	\$ 991.20	\$ -	\$ -	\$ -	\$ 991.20
11	Semi-annual GW/LNAPL level monitoring	Each round	4	\$ 894.00	\$ 3,576.00	\$ -	\$ 746.25	\$ 746.25	\$ 2,829.75
12	Annual GW well sampling	Each round	2	\$ 20,284.30	\$ 40,568.60	\$ -	\$ 20,228.08	\$ 20,228.08	\$ 20,340.52

Table 2

**Original Scope of Work and Purchase Order Budget Summary  
Penta Wood Products Superfund Site  
Siren, Wisconsin**

GHD Project Number 086165  
Phase 02 - August 1, 2015 - July 31, 2017

Task	Description	Unit	Estimated Quantity	Unit Cost	Budget	Project Costs				
						Current Invoice Cost (through 4/30/2017)	Previous Invoiced Cost	Total Invoiced Cost (through 4/30/2017)	Budget Remaining (through 4/30/2017)	
13	Semi-annual GW well sampling	Each round	2	\$ 8,511.20	\$ 17,022.40	\$ -	\$ -	\$ -	\$ 17,022.40	
14	Semi-annual residential well sampling	Each round	4	\$ 5,388.18	\$ 21,552.70	\$ -	\$ 5,388.63	\$ 5,388.63	\$ 16,164.07	
15	Semi-annual reporting	Each	4	\$ 8,282.00	\$ 33,128.00	\$ -	\$ 1,236.00	\$ 1,236.00	\$ 31,892.00	
16	Monthly status reporting	Each	24	\$ 3,523.83	\$ 84,572.00	\$ -	\$ 12,787.33	\$ 12,787.33	\$ 71,784.67	
17	Regulatory communications	Pre-approved and determined by DNR	2	\$ 15,000.00	\$ 30,000.00	\$ -	\$ -	\$ -	\$ 30,000.00	
18	Site Safety Plan	Estimated cost not to exceed	2	\$ 1,942.00	\$ 3,884.00	\$ -	\$ 275.50	\$ 275.50	\$ 3,608.50	
19	Site QA/QC Plan	Estimated cost not to exceed	2	\$ 4,200.00	\$ 8,400.00	\$ -	\$ -	\$ -	\$ 8,400.00	
20	Alternate remedy recommendation <sup>1</sup>	Estimated cost not to exceed	1	\$ 27,750.00	\$ 27,750.00	\$ -	\$ 30,695.89	\$ 30,695.89	\$ (2,945.89)	
21	WPDES permit updates	Estimated cost not to exceed	1	\$ 3,288.00	\$ 3,288.00	\$ -	\$ -	\$ -	\$ 3,288.00	
22	Heating/ventilation system repairs	Labor, material, and contractor costs	1	\$ 20,752.00	\$ 20,752.00	\$ -	\$ 1,787.50	\$ 1,787.50	\$ 18,964.50	
23	Well repairs	Labor, material, and contractor costs	1	\$ 21,050.00	\$ 21,050.00	\$ -	\$ 1,998.63	\$ 1,998.63	\$ 19,051.37	
					<b>Purchase Order Budget Total</b>	<b>\$ 1,271,421.94</b>	<b>\$ -</b>	<b>\$ 180,027.59</b>	<b>\$ 180,027.59</b>	<b>\$ 1,091,394.35</b>

## Notes:

- <sup>1</sup> WDNR approved an increase of \$3,000.00 to the Task 20 unit price due to additional work associated with evaluating existing monitoring well network, proposing additional well locations, confirming field locations; developing a microcosm and bio-trap study work plan; assessing microbial biological tools (MBTs) and environmental molecular diagnostics (EMDs).



Table 3

**2015-2016 Revised Scope of Work and Budget Summary  
Penta Wood Products Superfund Site  
Siren, Wisconsin**

**GHD Project Number 086165  
Phase 03 - November 1, 2015 - December 31, 2016**

**2015-2016 Revised Scope of Work  
and Budget**

Task	Description	Unit	Estimated Quantity	Unit Cost	Budget
01	Well repairs	Lump sum	1	\$ 20,663.30	\$ 20,663.30
02	Drilling and well installation	Lump sum	1	\$ 63,369.90	\$ 63,369.90
03	System decommissioning	Lump sum	1	\$ 82,778.80	\$ 82,778.80
04	Site safety plan	Plan	1	\$ 3,372.50	\$ 3,372.50
05	Site QA/QC plan	Plan	1	\$ 6,829.50	\$ 6,829.50
06	Waste characterization	Lump sum	1	\$ 20,810.00	\$ 20,810.00
07	Waste disposal	Lump sum	1	\$ 173,149.00	\$ 173,149.00
08	Housekeeping and grounds keeping	Lump sum	1	\$ 16,545.30	\$ 16,545.30
09	Quarterly fluid level monitoring	Event	4	\$ 3,471.65	\$ 13,886.60

**Project Costs**

Current Invoice Cost (through 4/30/2017)	Previous Invoiced Cost	Total Invoiced Cost (through 4/30/2017)	Budget Remaining (through 4/30/2017)
\$ -	\$ 20,663.30	\$ 20,663.30	\$ -
\$ -	\$ 60,825.82	\$ 60,825.82	\$ 2,544.08
\$ -	\$ 82,730.39	\$ 82,730.39	\$ 48.41
\$ -	\$ 3,322.28	\$ 3,322.28	\$ 50.22
\$ -	\$ 4,958.97	\$ 4,958.97	\$ 1,870.53
\$ -	\$ 17,752.46	\$ 17,752.46	\$ 3,057.54
\$ 1,472.10	\$ 154,967.82	\$ 156,439.92	\$ 16,709.08
\$ -	\$ 15,132.83	\$ 15,132.83	\$ 1,412.47
\$ -	\$ 13,730.30	\$ 13,730.30	\$ 156.30

Table 3

**2015-2016 Revised Scope of Work and Budget Summary  
Penta Wood Products Superfund Site  
Siren, Wisconsin**

**GHD Project Number 086165  
Phase 03 - November 1, 2015 - December 31, 2016**

**2015-2016 Revised Scope of Work  
and Budget**

Task	Description	Unit	Estimated Quantity	Unit Cost	Budget	Project Costs				
						Current Invoice Cost (through 4/30/2017)	Previous Invoiced Cost	Total Invoiced Cost (through 4/30/2017)	Budget Remaining (through 4/30/2017)	
10	Baseline groundwater sampling	Event	1	\$ 74,916.75	\$ 74,916.75		\$ 74,432.36	\$ 74,432.36	\$ 484.39	
11	Quarterly monitoring well sampling	Event	3	\$ 26,278.28	\$ 78,834.84	\$ -	\$ 78,834.84	\$ 78,834.84	\$ -	
12	Semiannual residential well sampling	Event	2	\$ 4,194.89	\$ 8,389.78	\$ -	\$ 8,374.91	\$ 8,374.91	\$ 14.87	
13	Quarterly reporting	Report	4	\$ 8,339.00	\$ 33,356.00	\$ -	\$ 33,293.12	\$ 33,293.12	\$ 62.88	
14	Monthly reporting	Report	14	\$ 2,792.65	\$ 39,097.10	\$ -	\$ 38,060.73	\$ 38,060.73	\$ 1,036.37	
15	Regulatory communications	Pre-approved and determined by DNR	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ 4,418.94	\$ 4,418.94	\$ 10,581.06	
16	Microcosm and bio-trap study	Lump sum	1	\$ 45,793.40	\$ 45,793.40	\$ -	\$ 41,731.67	\$ 41,731.67	\$ 4,061.73	
17	Shallow soil and sediment investigation	Pre-approved and determined by DNR	1	\$ 55,119.50	\$ 55,119.50	\$ 6,051.62	\$ 44,780.06	\$ 50,831.68	\$ 4,287.82	
					<b>2015-2016 Budget Subtotal</b>	<b>\$ 751,912.27</b>	<b>\$ 7,523.72</b>	<b>\$ 698,010.80</b>	<b>\$ 705,534.52</b>	<b>\$ 46,377.75</b>

Table 3

**2015-2016 Revised Scope of Work and Budget Summary  
Penta Wood Products Superfund Site  
Siren, Wisconsin**

**GHD Project Number 086165  
Phase 03 - November 1, 2015 - December 31, 2016**

<b>2015-2016 Revised Scope of Work and Budget</b>						<b>Project Costs</b>				
<b>Task</b>	<b>Description</b>	<b>Unit</b>	<b>Estimated Quantity</b>	<b>Unit Cost</b>	<b>Budget</b>	<b>Current Invoice Cost (through 4/30/2017)</b>	<b>Previous Invoiced Cost</b>	<b>Total Invoiced Cost (through 4/30/2017)</b>	<b>Budget Remaining (through 4/30/2017)</b>	
<b>WDNR Approved Additional Costs</b>										
11	Quarterly monitoring well sampling <sup>1</sup>	Event	3	\$ 2,813.37	\$ 8,440.11	\$ -	\$ 8,440.11	\$ 8,440.11	\$ -	
01	Well repairs <sup>2</sup>	Lump sum	1	\$ 8,184.00	\$ 8,184.00	\$ -	\$ 3,850.70	\$ 3,850.70	\$ 4,333.30	
11	Quarterly monitoring well sampling <sup>3</sup>	Event	1	\$ 2,260.38	\$ 2,260.38	\$ -	\$ 950.72	\$ 950.72	\$ 1,309.66	
17	Shallow soil and sediment investigation <sup>4</sup>	Lump sum	1	\$ 16,100.42	\$ 16,100.42	\$ -	\$ -	\$ -	\$ 16,100.42	
					<b>2015-2016 Approved Additional Costs Subtotal</b>	<b>\$ -</b>	<b>\$ 13,241.53</b>	<b>\$ 13,241.53</b>	<b>\$ 21,743.38</b>	
					<b>2015-2016 Budget Total</b>	<b>\$ 786,897.18</b>	<b>\$ 7,523.72</b>	<b>\$ 711,252.33</b>	<b>\$ 718,776.05</b>	<b>\$ 68,121.13</b>

Notes:

- 1 WDNR approved an increase of \$8,440.11 (\$2,813.37 per event unit cost) to the Task 11 budget due to additional work associated with collection and laboratory analysis of three additional groundwater monitoring well samples (MW23, MW25, and EW13S) during three quarterly events.
- 2 WDNR approved an increase of \$8,184.00 to the Task 01 budget due to additional well repair work.
- 3 WDNR approved an increase of \$2,260.38 to the Task 11 budget due to sampling at wells MW4 and MW14 during one quarterly event.
- 4 WDNR approved an increase of \$16,100.42 to the Task 17 budget to complete the shallow soil and sediment investigation.

Table 4

**2017 Revised Scope of Work and Budget Summary  
Penta Wood Products Superfund Site  
Siren, Wisconsin**

GHD Project Number 086165

Phase 04 - January 1, 2017 - December 31, 2017

2017 Revised Scope of Work and Budget						Project Costs				
Task	Description	Unit	Estimated Quantity	Unit Cost	Budget	Current Invoice Cost (through 4/30/2017)	Previous Invoiced Cost	Total Invoiced Cost (through 4/30/2017)	Budget Remaining (through 4/30/2017)	
01	Site safety plan	Plan	1	\$ 1,310.50	\$ 1,310.50	\$ -	\$ 1,303.56	\$ 1,303.56	\$ 6.94	
02	Site QA/QC plan	Plan	1	\$ 2,098.00	\$ 2,098.00	\$ -	\$ -	\$ -	\$ 2,098.00	
03	Housekeeping and grounds keeping	Lump sum	1	\$ 15,381.60	\$ 15,381.60	\$ 799.69	\$ 259.00	\$ 1,058.69	\$ 14,322.91	
04	Quarterly fluid level monitoring	Event	4	\$ 3,471.60	\$ 13,886.40	\$ 1,942.25	\$ 551.00	\$ 2,493.25	\$ 11,393.15	
05	Semiannual monitoring well sampling	Event	2	\$ 26,278.28	\$ 52,556.56	\$ 13,313.03	\$ 2,188.75	\$ 15,501.78	\$ 37,054.78	
06	Semiannual residential well sampling	Event	2	\$ 4,194.89	\$ 8,389.78	\$ 1,743.63	\$ 713.50	\$ 2,457.13	\$ 5,932.65	
07	Semiannual reporting	Report	2	\$ 6,201.00	\$ 12,402.00	\$ 3,300.51	\$ 5,613.64	\$ 8,914.15	\$ 3,487.85	
08	Monthly reporting	Report	12	\$ 1,594.00	\$ 19,128.00	\$ 2,057.27	\$ 4,266.51	\$ 6,323.78	\$ 12,804.22	
09	Regulatory communications	Pre-approved and determined by DNR	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ 6,763.78	\$ 6,763.78	\$ 8,236.22	
					<b>2017 Budget Subtotal</b>	<b>\$ 140,152.84</b>	<b>\$ 23,156.38</b>	<b>\$ 21,659.74</b>	<b>\$ 44,816.12</b>	<b>\$ 95,336.72</b>

Table 4

**2017 Revised Scope of Work and Budget Summary  
Penta Wood Products Superfund Site  
Siren, Wisconsin**

**GHD Project Number 086165  
Phase 04 - January 1, 2017 - December 31, 2017**

2017 Revised Scope of Work and Budget						Project Costs			
Task	Description	Unit	Estimated Quantity	Unit Cost	Budget	Current Invoice Cost (through 4/30/2017)	Previous Invoiced Cost	Total Invoiced Cost (through 4/30/2017)	Budget Remaining (through 4/30/2017)
<b>WDNR Approved Additional Costs</b>									
05	Semiannual monitoring well sampling <sup>1</sup>	Event	2	\$ 8,782.42	\$ 17,564.83	\$ -	\$ -	\$ -	\$ 17,564.83
10	Shallow soil and sediment investigation data evaluation <sup>2</sup>	Lump sum	1	\$ 11,089.20	\$ 11,089.20	\$ -	\$ -	\$ -	\$ 11,089.20
11	Soil sampling under surface debris <sup>3</sup>	Lump sum	1	\$ 19,963.28	\$ 19,963.28	\$ 2,482.69	\$ -	\$ 2,482.69	\$ 17,480.59
<b>2017 Approved Additional Costs Subtotal</b>					<b>\$ 48,617.31</b>	<b>\$ 2,482.69</b>	<b>\$ -</b>	<b>\$ 2,482.69</b>	<b>\$ 46,134.62</b>
<b>2017 Budget Total</b>					<b>\$ 188,770.15</b>	<b>\$ 25,639.07</b>	<b>\$ 21,659.74</b>	<b>\$ 47,298.81</b>	<b>\$ 141,471.34</b>

Notes:

- <sup>1</sup> WDNR approved an increase of \$17,564.83 (\$8,782.42 per event unit cost) to the Task 5 budget due to additional groundwater sampling at wells (MW4, MW14, MW23, MW25, and EW13S) during two semiannual events.
- <sup>2</sup> WDNR approved an increase of \$11,089.20 to a new Task 10 budget due to a shallow soil and sediment data evaluation.
- <sup>3</sup> WDNR approved an increase of \$19,963.28 to a new Task 11 budget due to soil sampling under surface debris.