



December 12, 2018

Reference No. 086165-05-07

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 – November 2018  
Penta Wood Products Superfund Site  
Siren, Wisconsin  
WDNR BRRTS Activity #02-07-000532**

GHD Services Inc. (GHD) has prepared this monthly status update for the period of November 2018 for the Penta Wood Products Superfund Site (Site). The project budget and costs are summarized in the following Tables 1 through 5. All problems, resolutions, and/or recommended solutions with an assessment of data collected during this period will be provided in the next Semiannual Report – July through December 2018. 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-Tasks 01 through 17***

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

***Phase 04-Tasks 01 through 11***

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

***Phase 05-Task 01 Site safety plan preparation***

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

***Phase 05-Task 02 Housekeeping and grounds keeping***

- Mowing was completed on October 2, 2018. This invoice includes subcontractor expenses (Austin Lake Landscaping) for mowing.

***Phase 05-Task 03 Quarterly groundwater/LNAPL level monitoring***

- The October 2018 quarterly groundwater/LNAPL level monitoring data was evaluated and groundwater contour figures were prepared.



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

- The October 2018 semiannual groundwater well sampling event was conducted on October 16 through 19, 2018. Groundwater samples were collected from wells MW2 and MW5 on October 29, 2018.
- Soil samples were collected from the potential soil borrow area on October 29, 2018.
- This invoice includes subcontractor expenses (Field Environmental Instruments) for rental of groundwater monitoring and sampling equipment during October 2018.
- This invoice includes laboratory expenses (TestAmerica Laboratories) for the October 2018 groundwater and soil sample analyses.
- This invoice includes expenses (FedEx) for shipping the samples to the laboratory for analysis during October 2018.

***Phase 05-Task 05      Semiannual residential well sampling***

- The October 2016 semiannual residential well sample analytical data was evaluated and validated. Letters were prepared and issued on November 16, 2018 to the property owners to report the well sample analytical data.

***Phase 05-Task 06      Semiannual reporting***

- Portions of the Semiannual Report – July through December 2018 were prepared.

***Phase 05-Task 07      Monthly reporting***

- Periodic project updates were provided to WDNR.
- The project budget was updated.
- The Monthly Status Report – October 2018 was prepared and submitted on November 14, 2018.
- Cost estimates were prepared for future work.
- The new GHD/WDNR contract was reviewed and executed.
- Summary tables and figures were prepared for a conference call between USEPA, WDNR, and GHD on November 26, 2018.

***Phase 05-Task 08      Tier II reporting (2017 wastes)***

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

***Phase 05-Task 09      Regulatory communications***

- No costs were billed to this task in the current 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/64

Encl.

cc: Stephanie Linebaugh, USEPA (via email)  
Judy Fassbender, WDNR Madison (via email)  
Chris Saari, WDNR Ashland (via email)  
Adrian Herrera, WDNR Madison (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 11/24/2018) | Previous Invoiced Cost | Total Invoiced Cost (through 11/24/2018) | Budget Remaining (through 11/24/2018) |
|---|------------------------|--|---------------------------------------|
| \$ -                                      | \$ 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          |
| 05                                 | 2018 Revised Scope of Work (Table 5)      | \$ 183,434.25          |
| <b>Revised Scope of Work Total</b> |   | <b>\$ 1,159,101.58</b> |

**Project Costs**

| Current Invoice Cost (through 11/24/2018) | Previous Invoiced Cost | Total Invoiced Cost (through 11/24/2018) | Budget Remaining (through 11/24/2018) |
|---|------------------------|--|---------------------------------------|
| \$ -                                      | \$ 759,555.68          | \$ 759,555.68                            | \$ 27,341.50                          |
| \$ -                                      | \$ 160,896.05          | \$ 160,896.05                            | \$ 27,874.10                          |
| \$ 30,228.38                              | \$ 126,344.79          | \$ 156,573.17                            | \$ 26,861.08                          |
| <b>\$ 30,228.38</b>                       | <b>\$ 1,046,796.52</b> | <b>\$ 1,077,024.90</b>                   | <b>\$ 82,076.68</b>                   |

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

|   |                        |
|---|------------------------|
| <b>Original Budget</b>  | <b>\$ 1,271,421.94</b> |
| <b>Total Invoiced Cost (through 11/24/2018)</b>                       | <b>\$ 1,257,052.49</b> |
| <b>Overall Budget Remaining (through 11/24/2018)</b>                  | <b>\$ 14,369.45</b>    |
| <b>Contingency</b>  | <b>\$ 64,000.00</b>    |
| <b>Overall Budget Remaining with Contingency (through 11/24/2018)</b> | <b>\$ 78,369.45</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

| Original Scope of Work and Purchase Order Budget |                                       |   |                    |               |               | Project Costs                             |                        |  |                                       |
|--|---------------------------------------|---|--------------------|---------------|---------------|---|------------------------|--|---------------------------------------|
| Task   | Description                           | Unit  | Estimated Quantity | Unit Cost     | Budget        | Current Invoice Cost (through 11/24/2018) | Previous Invoiced Cost | Total Invoiced Cost (through 11/24/2018) | Budget Remaining (through 11/24/2018) |
| 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                          |
| 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                          |

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

| Original Scope of Work and<br>Purchase Order Budget |  |                                       |                       |              |                        | Project Costs                                      |                           |   |  |
|---|--|---------------------------------------|-----------------------|--------------|------------------------|--|---------------------------|---|--|
| Task  | Description                                  | Unit                                  | Estimated<br>Quantity | Unit Cost    | Budget                 | Current<br>Invoice Cost<br>(through<br>11/24/2018) | Previous<br>Invoiced Cost | Total<br>Invoiced Cost<br>(through<br>11/24/2018) | Budget<br>Remaining<br>(through<br>11/24/2018) |
| 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<br/>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**

**Project Costs**

| Task | Description                      | Unit     | Estimated Quantity | Unit Cost     | Budget        | Project Costs                             |                        |  |                                       |
|------|----------------------------------|----------|--------------------|---------------|---------------|---|------------------------|--|---------------------------------------|
|      |                                  |          |                    |               |               | Current Invoice Cost (through 11/24/2018) | Previous Invoiced Cost | Total Invoiced Cost (through 11/24/2018) | Budget Remaining (through 11/24/2018) |
| 01   | Well repairs                     | Lump sum | 1                  | \$ 20,663.30  | \$ 20,663.30  | \$ -                                      | \$ 20,663.30           | \$ 20,663.30                             | \$ -                                  |
| 02   | Drilling and well installation   | Lump sum | 1                  | \$ 63,369.90  | \$ 63,369.90  | \$ -                                      | \$ 60,825.82           | \$ 60,825.82                             | \$ 2,544.08                           |
| 03   | System decommissioning           | Lump sum | 1                  | \$ 82,778.80  | \$ 82,778.80  | \$ -                                      | \$ 82,730.39           | \$ 82,730.39                             | \$ 48.41                              |
| 04   | Site safety plan                 | Plan     | 1                  | \$ 3,372.50   | \$ 3,372.50   | \$ -                                      | \$ 3,322.28            | \$ 3,322.28                              | \$ 50.22                              |
| 05   | Site QA/QC plan                  | Plan     | 1                  | \$ 6,829.50   | \$ 6,829.50   | \$ -                                      | \$ 4,958.97            | \$ 4,958.97                              | \$ 1,870.53                           |
| 06   | Waste characterization           | Lump sum | 1                  | \$ 20,810.00  | \$ 20,810.00  | \$ -                                      | \$ 17,752.46           | \$ 17,752.46                             | \$ 3,057.54                           |
| 07   | Waste disposal                   | Lump sum | 1                  | \$ 173,149.00 | \$ 173,149.00 | \$ -                                      | \$ 172,925.73          | \$ 172,925.73                            | \$ 223.27                             |
| 08   | Housekeeping and grounds keeping | Lump sum | 1                  | \$ 16,545.30  | \$ 16,545.30  | \$ -                                      | \$ 15,132.83           | \$ 15,132.83                             | \$ 1,412.47                           |
| 09   | Quarterly fluid level monitoring | Event    | 4                  | \$ 3,471.65   | \$ 13,886.60  | \$ -                                      | \$ 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 11/24/2018) | Previous Invoiced Cost | Total Invoiced Cost (through 11/24/2018) | Budget Remaining (through 11/24/2018) |                     |
| 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                     | \$ -                                      | \$ 45,656.95           | \$ 45,656.95                             | \$ 136.45                             |                     |
| 17   | Shallow soil and sediment investigation | Pre-approved and determined by DNR | 1                  | \$ 55,119.50 | \$ 55,119.50                     | \$ -                                      | \$ 55,119.50           | \$ 55,119.50                             | \$ -                                  |                     |
|      |   |                                    |                    |              | <b>2015-2016 Budget Subtotal</b> | <b>\$ 751,912.27</b>                      | <b>\$ -</b>            | <b>\$ 730,233.43</b>                     | <b>\$ 730,233.43</b>                  | <b>\$ 21,678.84</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

| 2015-2016 Revised Scope of Work and Budget          |  |          |                    |              |                      | Project Costs                             |                        |  |                                       |
|---|--|----------|--------------------|--------------|----------------------|---|------------------------|--|---------------------------------------|
| Task  | Description  | Unit     | Estimated Quantity | Unit Cost    | Budget               | Current Invoice Cost (through 11/24/2018) | Previous Invoiced Cost | Total Invoiced Cost (through 11/24/2018) | Budget Remaining (through 11/24/2018) |
| <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         | \$ -                                      | \$ 16,080.72           | \$ 16,080.72                             | \$ 19.70                              |
| <b>2015-2016 Approved Additional Costs Subtotal</b> |  |          |                    |              | <b>\$ 34,984.91</b>  | <b>\$ -</b>                               | <b>\$ 29,322.25</b>    | <b>\$ 29,322.25</b>                      | <b>\$ 5,662.66</b>                    |
| <b>2015-2016 Budget Total</b>                       |  |          |                    |              | <b>\$ 786,897.18</b> | <b>\$ -</b>                               | <b>\$ 759,555.68</b>   | <b>\$ 759,555.68</b>                     | <b>\$ 27,341.50</b>                   |

Notes:

- <sup>1</sup> 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.
- <sup>2</sup> WDNR approved an increase of \$8,184.00 to the Task 01 budget due to additional well repair work.
- <sup>3</sup> 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.
- <sup>4</sup> 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                      | Project Costs                             |                        |  |                                       |                     |
|------|--------------------------------------|------------------------------------|--------------------|--------------|-----------------------------|---|------------------------|--|---------------------------------------|---------------------|
|      |                                      |                                    |                    |              |                             | Current Invoice Cost (through 11/24/2018) | Previous Invoiced Cost | Total Invoiced Cost (through 11/24/2018) | Budget Remaining (through 11/24/2018) |                     |
| 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                | \$ -                                      | \$ 9,818.21            | \$ 9,818.21                              | \$ 5,563.39                           |                     |
| 04   | Quarterly fluid level monitoring     | Event                              | 4                  | \$ 3,471.60  | \$ 13,886.40                | \$ -                                      | \$ 8,992.02            | \$ 8,992.02                              | \$ 4,894.38                           |                     |
| 05   | Semiannual monitoring well sampling  | Event                              | 2                  | \$ 26,278.28 | \$ 52,556.56                | \$ -                                      | \$ 52,556.56           | \$ 52,556.56                             | \$ -                                  |                     |
| 06   | Semiannual residential well sampling | Event                              | 2                  | \$ 4,194.89  | \$ 8,389.78                 | \$ -                                      | \$ 8,346.51            | \$ 8,346.51                              | \$ 43.27                              |                     |
| 07   | Semiannual reporting                 | Report                             | 2                  | \$ 6,201.00  | \$ 12,402.00                | \$ -                                      | \$ 12,187.23           | \$ 12,187.23                             | \$ 214.77                             |                     |
| 08   | Monthly reporting                    | Report                             | 12                 | \$ 1,594.00  | \$ 19,128.00                | \$ -                                      | \$ 18,439.83           | \$ 18,439.83                             | \$ 688.17                             |                     |
| 09   | Regulatory communications            | Pre-approved and determined by DNR | 1                  | \$ 15,000.00 | \$ 15,000.00                | \$ -                                      | \$ 9,098.16            | \$ 9,098.16                              | \$ 5,901.84                           |                     |
|      |                                      |                                    |                    |              | <b>2017 Budget Subtotal</b> | <b>\$ 140,152.84</b>                      | <b>\$ -</b>            | <b>\$ 120,742.08</b>                     | <b>\$ 120,742.08</b>                  | <b>\$ 19,410.76</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 11/24/2018) | Previous Invoiced Cost | Total Invoiced Cost (through 11/24/2018) | Budget Remaining (through 11/24/2018) |
| <b>WDNR Approved Additional Costs</b> |  |          |                    |              |  |   |                        |  |                                       |
| 05                                    | Semiannual monitoring well sampling <sup>1</sup>                     | Event    | 2                  | \$ 8,782.42  | \$ 17,564.83                                   | \$ -                                      | \$ 9,913.39            | \$ 9,913.39                              | \$ 7,651.44                           |
| 10                                    | Shallow soil and sediment investigation data evaluation <sup>2</sup> | Lump sum | 1                  | \$ 11,089.20 | \$ 11,089.20                                   | \$ -                                      | \$ 11,053.13           | \$ 11,053.13                             | \$ 36.07                              |
| 11                                    | Soil sampling under surface debris <sup>3</sup>                      | Lump sum | 1                  | \$ 19,963.28 | \$ 19,963.28                                   | \$ -                                      | \$ 19,187.45           | \$ 19,187.45                             | \$ 775.83                             |
|                                       |  |          |                    |              | <b>2017 Approved Additional Costs Subtotal</b> | <b>\$ -</b>                               | <b>\$ 40,153.97</b>    | <b>\$ 40,153.97</b>                      | <b>\$ 8,463.34</b>                    |
|                                       |  |          |                    |              | <b>2017 Budget Total</b>                       | <b>\$ -</b>                               | <b>\$ 160,896.05</b>   | <b>\$ 160,896.05</b>                     | <b>\$ 27,874.10</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.

Table 5

**2018 Revised Scope of Work and Budget Summary  
Penta Wood Products Superfund Site  
Siren, Wisconsin**

**GHD Project Number 086165  
Phase 05 - January 1, 2018 - December 31, 2018**

| Task | Description                                  | Unit                 | Estimated Quantity | Unit Cost    | Budget                   | Project Costs                             |                        |  |                                       |                     |
|------|--|----------------------|--------------------|--------------|--------------------------|---|------------------------|--|---------------------------------------|---------------------|
|      |  |                      |                    |              |                          | Current Invoice Cost (through 11/24/2018) | Previous Invoiced Cost | Total Invoiced Cost (through 11/24/2018) | Budget Remaining (through 11/24/2018) |                     |
| 1    | Site safety plan preparation                 | Plan                 | 1                  | \$ 1,421.50  | \$ 1,421.50              | \$ -                                      | \$ 539.45              | \$ 539.45                                | \$ 882.05                             |                     |
| 2    | House keeping and grounds keeping            | Time and materials   | 1                  | \$ 17,975.25 | \$ 17,975.25             | \$ 609.26                                 | \$ 12,623.12           | \$ 13,232.38                             | \$ 4,742.87                           |                     |
| 3    | Quarterly groundwater/LNAPL level monitoring | Event                | 4                  | \$ 3,846.50  | \$ 15,386.00             | \$ 1,261.35                               | \$ 9,347.09            | \$ 10,608.44                             | \$ 4,777.56                           |                     |
| 4    | Semiannual groundwater well sampling         | Event                | 2                  | \$ 36,248.75 | \$ 72,497.50             | \$ 24,679.14                              | \$ 41,304.77           | \$ 65,983.91                             | \$ 6,513.59                           |                     |
| 5    | Semiannual residential well sampling         | Event                | 2                  | \$ 9,169.00  | \$ 18,338.00             | \$ 890.00                                 | \$ 11,178.39           | \$ 12,068.39                             | \$ 6,269.61                           |                     |
| 6    | Semiannual reporting                         | Report               | 2                  | \$ 7,653.00  | \$ 15,306.00             | \$ 182.63                                 | \$ 13,034.99           | \$ 13,217.62                             | \$ 2,088.38                           |                     |
| 7    | Monthly reporting                            | Report               | 12                 | \$ 2,114.00  | \$ 25,368.00             | \$ 2,606.00                               | \$ 21,843.74           | \$ 24,449.74                             | \$ 918.26                             |                     |
| 8    | Tier II reporting (2017 wastes)              | Report               | 1                  | \$ 2,142.00  | \$ 2,142.00              | \$ -                                      | \$ 1,893.23            | \$ 1,893.23                              | \$ 248.77                             |                     |
| 9    | Regulatory communications                    | Pre-approved by WDNR | 1                  | \$ 15,000.00 | \$ 15,000.00             | \$ -                                      | \$ 14,580.01           | \$ 14,580.01                             | \$ 419.99                             |                     |
|      |  |                      |                    |              | <b>2018 Budget Total</b> | <b>\$ 183,434.25</b>                      | <b>\$ 30,228.38</b>    | <b>\$ 126,344.79</b>                     | <b>\$ 156,573.17</b>                  | <b>\$ 26,861.08</b> |