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December 6, 2018

Tom Verstegen
Wisconsin Department of Natural Resources
625 E CTY Y, Suite 700
Oshkosh, WI 54901

Subject: Krivanek Property – Bid Deferment Request for additional groundwater monitoring and updated closure request.
BRRTS #: 03-39-001727, PECFA #: 53953-9999-75

Dear Mr. Verstegen,

A cost estimate (using Usual & Customary schedule of charges) is being submitted for additional groundwater monitoring and preparing an updated closure request at the subject property located at N3475 County Highway M in Packwaukee, Wisconsin. The workscope will include the following: [1] Conduct a groundwater monitoring event from all eight site monitoring wells and the on-site private well for PVOC and Napthalene analysis. Monitoring wells MW-1 and MW-5 will also be analyzed for Dissolved Lead. Results will be emailed to WDNR. [2] Prepare Updated Primary Closure Request. The cost estimate is as follows:

| | |
|-------------------------------------|------------------|
| Groundwater Monitoring Event (1 Rd) | \$1,332.66 |
| Laboratory Analysis | \$ 328.28 |
| Updated Primary Closure Request | \$2,700.00 |
| Change Order Request | <u>\$ 381.78</u> |
| Total | \$4,742.72 |

METCO is requesting a bid deferment in the amount of \$4,742.72. Upon state approval of the proposed workscope and budget, METCO will proceed with the project.

Attached is a draft standardized invoice form for the above workscope as required.

Should you have any questions, comments, or recommendations please contact me at our La Crosse office (608) 781-8879 or email at jasonp@metcohq.com.

Sincerely,

Jason T. Powell
Staff Scientist

Attachment

c: James Barker – Client

Usual and Customary Standardized Invoice #24 July 2018- December 2018



RR-100a

PECFA #: 53953-9999-75-A Vendor Name: _____
 BRRTS #: 03-39-001727 Invoice #: _____
 Site Name: Krivanek Property Invoice Date: _____
 Site Address: N3475 CTH M, Packwaukee, WI Check #: _____

U&C Total \$ 4,742.72
 Variance to U&C Total \$ -
 Grand Total \$ 4,742.72

| TASK | TASK DESCRIPTION | SERVICES | ACTIVITY CODE | ACTIVITY REFERENCE CODE DESCRIPTION | UNIT | MAX UNIT COST | UNITS | TOTAL MAX |
|------|---------------------------------|-----------|---------------|---|--------------|---------------|-------|-------------|
| 1 | GW Sampling | | GS05 | Sample Collection | Well | \$ 72.45 | 9 | \$ 652.05 |
| 1 | GW Sampling | | GS15 | Incremental Sample Collection (cadmium & lead) | Well | \$ 26.25 | 2 | \$ 52.50 |
| 1 | GW Sampling | | GS25 | Primary Mob/Demob | Site | \$ 628.11 | 1 | \$ 628.11 |
| 5 | Closure Request | | CR05 | Primary Closure Request | Submittal | \$ 2,700.00 | 1 | \$ 2,700.00 |
| 33 | Schedule Of Laboratory Maximums | Commodity | | Laboratory (see task 33 total on Lab Schedule) | Lab Schedule | | | \$ 328.28 |
| 36 | Change Order Request | | COR05 | Change Order Request (cost cap exceedance requests) | Change Order | \$ 381.78 | 1 | \$ 381.78 |

Variance
Variance

Usual and Customary Standardized Invoice #24

July 2018- December 2018



TOTAL LAB CHARGES \$ 328.28 TASK 33 12 \$ 328.28 TASK 24 0 \$ -

| MATRIX | REF CODE | REIMBURSABLE ANALYTE | UNITS | MAX COST | SAMPLES | TOTAL | MAX COST | SAMPLES | TOTAL | |
|--------|----------|--|--------|-----------|---------|----------------------|-----------|---------------|-------|--|
| AIR | A1 | Benzene | SAMPLE | \$ 44.94 | | \$ - | | | | |
| AIR | A2 | BETX | SAMPLE | \$ 49.46 | | \$ - | | | | |
| AIR | A3 | GRO | SAMPLE | \$ 46.10 | | \$ - | | | | |
| AIR | A4 | VOC's | SAMPLE | \$ 71.93 | | \$ - | | | | |
| WATER | W1 | GRO/PVOC | SAMPLE | \$ 29.19 | | \$ - | | | | |
| WATER | W2 | PVOC | SAMPLE | \$ 26.99 | | \$ - | | | | |
| WATER | W3 | PVOC + 1,2 DCA | SAMPLE | \$ 43.79 | | \$ - | | | | |
| WATER | W4 | PVOC + Naphthalene | SAMPLE | \$ 30.35 | 10 | \$ 303.50 | | | | |
| WATER | W5 | VOC | SAMPLE | \$ 71.93 | | \$ - | | | | |
| WATER | W6 | PAH | SAMPLE | \$ 72.98 | | \$ - | | | | |
| WATER | W7 | Lead | SAMPLE | \$ 12.39 | 2 | \$ 24.78 | | | | |
| WATER | W8 | Cadmium | SAMPLE | \$ 13.55 | | \$ - | | | | |
| WATER | W9 | Hardness | SAMPLE | \$ 12.39 | | \$ - | | | | |
| WATER | W10 | BOD, Total | SAMPLE | \$ 23.63 | | \$ - | | | | |
| WATER | W11 | Nitrate | SAMPLE | \$ 11.24 | | \$ - | | | | |
| WATER | W12 | Total Kjeldahl | SAMPLE | \$ 20.27 | | \$ - | | | | |
| WATER | W13 | Ammonia | SAMPLE | \$ 16.91 | | \$ - | | | | |
| WATER | W14 | Sulfate | SAMPLE | \$ 10.19 | | \$ - | | | | |
| WATER | W15 | Iron | SAMPLE | \$ 10.19 | | \$ - | | | | |
| WATER | W16 | Manganese | SAMPLE | \$ 10.19 | | \$ - | | | | |
| WATER | W17 | Alkalinity | SAMPLE | \$ 10.19 | | \$ - | | | | |
| WATER | W18 | methane | SAMPLE | \$ 46.10 | | \$ - | | | | |
| WATER | W19 | Phosphorous | SAMPLE | \$ 18.06 | | \$ - | | | | |
| WATER | W20 | VOC Method 524.2 | SAMPLE | \$ 176.30 | | \$ - | | | | |
| WATER | W21 | EDB Method 504 | SAMPLE | \$ 95.45 | | \$ - | MAX COST | SAMPLES | TOTAL | |
| SOILS | S1 | GRO | SAMPLE | \$ 24.78 | | \$ - | \$ 24.78 | | \$ - | |
| SOILS | S2 | DRO | SAMPLE | \$ 30.35 | | \$ - | \$ 30.35 | | \$ - | |
| SOILS | S3 | GRO/PVOC | SAMPLE | \$ 28.14 | | \$ - | \$ 28.14 | | \$ - | |
| SOILS | S4 | PVOC | SAMPLE | \$ 25.83 | | \$ - | \$ 25.83 | | \$ - | |
| SOILS | S5 | PVOC + 1,2 DCA + Naphthalene | SAMPLE | \$ 49.46 | | \$ - | \$ 49.46 | | \$ - | |
| SOILS | S6 | PVOC + Naphthalene | SAMPLE | \$ 36.02 | | \$ - | \$ 36.02 | | \$ - | |
| SOILS | S7 | VOC | SAMPLE | \$ 71.93 | | \$ - | \$ 71.93 | | \$ - | |
| SOILS | S8 | SPLP Extraction VOC only | SAMPLE | \$ 50.61 | | \$ - | \$ 50.61 | | \$ - | |
| SOILS | S9 | PAH | SAMPLE | \$ 72.98 | | \$ - | \$ 72.98 | | \$ - | |
| SOILS | S10 | Lead | SAMPLE | \$ 12.39 | | \$ - | \$ 12.39 | | \$ - | |
| SOILS | S11 | Cadmium | SAMPLE | \$ 14.60 | | \$ - | | | | |
| SOILS | S12 | Free Liquid | SAMPLE | \$ 11.24 | | \$ - | | | | |
| SOILS | S13 | Flash Point | SAMPLE | \$ 25.83 | | \$ - | | | | |
| SOILS | S14 | Grain Size - dry | SAMPLE | \$ 42.74 | | \$ - | | | | |
| SOILS | S15 | Grain Size - wet | SAMPLE | \$ 57.33 | | \$ - | | | | |
| SOILS | S16 | Bulk Density | SAMPLE | \$ 13.55 | | \$ - | | | | |
| SOILS | S17 | Permeability | SAMPLE | \$ 41.58 | | \$ - | | | | |
| SOILS | S18 | Nitrogen as Total Kjeldahl | SAMPLE | \$ 20.27 | | \$ - | | | | |
| SOILS | S19 | Nitrogen as Ammonia | SAMPLE | \$ 16.91 | | \$ - | | | | |
| SOILS | S20 | % Organic Matter | SAMPLE | \$ 29.19 | | \$ - | | | | |
| SOILS | S21 | TOC as NPOC | SAMPLE | \$ 57.33 | | \$ - | | | | |
| SOILS | S22 | Soil Moisture Content | SAMPLE | \$ 6.83 | | \$ - | | | | |
| SOILS | S23 | Air Filled Porosity | SAMPLE | \$ 25.83 | | \$ - | | | | |
| SOILS | S24 | % Total Solids | SAMPLE | \$ 6.83 | | \$ - | | | | |
| SOILS | S25 | Field Capacity | SAMPLE | \$ 28.14 | | \$ - | | | | |
| SOILS | S26 | TCLP Lead | SAMPLE | \$ 83.16 | | \$ - | | | | |
| SOILS | S27 | Cation Exchange (Ca, MG, & K) | SAMPLE | \$ 26.99 | | \$ - | | | | |
| SOILS | S28 | TCLP Cadmium | SAMPLE | \$ 83.16 | | \$ - | | | | |
| SOILS | S29 | TCLP Benzene | SAMPLE | \$ 83.16 | | \$ - | | | | |
| | | Viscosity + Density | | | | | | | | |
| LNAPL | LFPS01 | Interfacial tension I (LNAPL/water [dyne/cm]) | SAMPLE | \$ 561.33 | | \$ - | | | | |
| | | Interfacial tension II (LNAPL/air [dyne/cm]) | | | | | | | | |
| | | Interfacial tension III (water/air) [dyne/cm]) | | | | | | | | |
| | | | | | | TASK 33 TOTAL | \$ | 328.28 | | |

| MAX COST | SAMPLES | TOTAL |
|----------------------|---------|-------------|
| \$ 24.78 | | \$ - |
| \$ 30.35 | | \$ - |
| \$ 28.14 | | \$ - |
| \$ 25.83 | | \$ - |
| \$ 49.46 | | \$ - |
| \$ 36.02 | | \$ - |
| \$ 71.93 | | \$ - |
| \$ 50.61 | | \$ - |
| \$ 72.98 | | \$ - |
| \$ 12.39 | | \$ - |
| TASK 24 TOTAL | | |
| | | \$ - |