

From: Ken Lassa <klassa@reiengineering.com>
Sent: Tuesday, August 06, 2019 3:49 PM
To: Stoltz, Carrie R - DNR
Subject: RE: Volk Service SOW
Attachments: 2019 Well installation and sampling RR111a.xlsx; Export.pdf

Importance: High

Good Afternoon Carrie,

I have attached a scope of work that includes the installation of two monitoring wells and one piezometer. I did some scaling and we can go to the back of the Stebbeds property and would be over 250 feet downgradient from MW8. I attached a map with approximate location and measurements from MW8. I propose that once drilled, we develop and sample all the wells including the replacement wells for Jason and Todd Stebbeds. In addition and since you brought it up, we will conduct a site reconnaissance for the former Gary Stebbeds and Warren Volk properties that each burned down to try and confirm if the wells are present or appear to be removed/abandoned. I have checked into the property to the west which is one large parcel known as the Clearwater Lake Club. They have a website and I was able to correspond with a representative. He said he could assist me with coordination of well evaluation for the two building sites you highlighted on your map. I will meet with representative for Clearwater Lake Club to determine location and construction of the wells serving those homes. I put in 10 hours of time for the work involved in corresponding and on site meeting for potable well evaluation into the variance portion of the spreadsheet.

Thank you,

Ken Lassa

From: Stoltz, Carrie R - DNR <Carrie.Stoltz@wisconsin.gov>
Sent: Monday, August 5, 2019 8:19 AM
To: Ken Lassa <klassa@reiengineering.com>
Subject: FW: Volk Service SOW
Importance: High

Hi Ken, I just left you a voicemail. I am not sure if Dave still plans to perform CI or not, but the attachment shows approx. locations for a MW/PZ nest + PW sampling for (2) homes by the lake. In addition, I would suggest sampling all wells + any PWs in the area. If you have any questions, I will be in until 3:30PM today.

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Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Carrie Stoltz
Phone (715)365-8942
Carrie.Stoltz@Wisconsin.gov

From: Stoltz, Carrie R - DNR
Sent: Thursday, June 27, 2019 6:36 AM
To: 'Dave Larsen (dlarsen@reiengineering.com)' <dlarsen@reiengineering.com>
Subject: FW: Volk Service SOW
Importance: High

Dave, this was the latest discussion for a SOW. There need to be a PZ/MW nest. 3 rnds of GW sampling may be ok after carbon injection. Can we make this work within the budget? I will be in today until 2:30. Thursday until 9L30, the I have the closure meeting. I should be back at my desk by 1PM. Friday I am in Ashland. Back on Monday. Thanks, Carrie

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Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Carrie Stoltz
Phone (715)365-8942
Carrie.Stoltz@Wisconsin.gov

From: Stoltz, Carrie R - DNR
Sent: Monday, May 20, 2019 4:05 PM
To: 'Dave Larsen (dlarsen@reiengineering.com)' <dlarsen@reiengineering.com>
Cc: 'Ken Lassa (klassa@reiengineering.com)' <klassa@reiengineering.com>
Subject: Volk Service SOW

Hi Dave, please see the attachment. Chris & I just spoke and he feels a PZ or PZ/MW nest should be installed to protect the PWs located in the (2) houses by the lakeshore. The PWs should be sampled or evaluated to determine if they are deep enough to be affected by the contaminate plume. The PZ should be pre-sealed and can be installed with a geoprobe. The 3 rounds of GW may be ok considering how many current rounds we have. Please give me a call to discuss when you have time if you have any questions. Thanks, Carrie

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Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Carrie Stoltz
Hydrogeologist-Remediation and Redevelopment, AWARE Division
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Usual and Customary Standardized Invoice #26

July 2019 - December 2019



RR-111a

PECFA #: 54562-9999-62-A Vendor Name: REI Engineering, Inc.
 BRRTS #: 03-44-555683 Invoice #: _____
 Site Name: Former Volk Service Station Invoice Date: _____
 Site Address: 8062 Highways 32 & 45, Three Lakes Check #: _____

U&C Total \$ 11,935.79
 Variance to U&C Total \$ 1,129.60
 Grand Total \$ 13,065.39

| TASK | TASK DESCRIPTION | SERVICES | ACTIVITY CODE | ACTIVITY REFERENCE CODE DESCRIPTION | UNIT | MAX UNIT COST | UNITS | TOTAL MAX |
|------|--------------------------------------------------------------------|------------|---------------|-------------------------------------|-----------|---------------|-------|-------------|
| 1 | GW Sampling | | GS05 | Sample Collection | Well | \$ 74.62 | 16 | \$ 1,193.92 |
| 1 | GW Sampling | | GS25 | Primary Mob/Demob | Site | \$ 690.92 | 1 | \$ 690.92 |
| 4 | Waste Disposal | Consultant | WD05 | Consultant Coordination | Site | \$ 141.24 | 1 | \$ 141.24 |
| 4 | Waste Disposal | Commodity | WD10 | GW Sample and/or Purge | Drum | \$ 43.37 | 1 | \$ 43.37 |
| 4 | Waste Disposal | Commodity | WD15 | Drill Cuttings | Drum | \$ 111.39 | 5 | \$ 556.95 |
| 6 | Letter Report/Addendum | | LRA05 | Letter Report/Addendum | Letter | \$ 1,070.47 | 1 | \$ 1,070.47 |
| 10 | Initial Site Survey | Consultant | IS10 | Subsequent Surveys | Well | \$ 113.45 | 3 | \$ 340.35 |
| 11 | Potable Well Field Reconnaissance | | PWFR05 | Potable Well Field Reconnaissance | Site | \$ 601.01 | 2 | \$ 1,202.02 |
| 13.a | Drilling In Unconsolidated Soils - With Soil Sampling | Consultant | DR05 | 0 - 25 ft bgs | Ft | \$ 5.56 | 55 | \$ 305.80 |
| 13.a | Drilling In Unconsolidated Soils - With Soil Sampling | Consultant | DR10 | 26 - 50 ft bgs | Ft | \$ 5.84 | 5 | \$ 29.20 |
| 13.b | Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling | Consultant | DR25 | Consultant Oversight | Ft | \$ 1.63 | 60 | \$ 97.80 |
| 13.b | Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling | Consultant | DR30 | Primary Mob/Demob | Site | \$ 555.68 | 1 | \$ 555.68 |
| 13.d | Drilling In Unconsolidated Soils - With Soil Sampling | Commodity | DR45 | 0 - 25 ft bgs | Ft | \$ 17.20 | 55 | \$ 946.00 |
| 13.d | Drilling In Unconsolidated Soils - With Soil Sampling | Commodity | DR50 | 26 - 50 ft bgs | Ft | \$ 18.93 | 5 | \$ 94.65 |
| 14 | Monitoring Well Installation | Consultant | MWI05 | 0 - 25 ft bgs | Ft | \$ 4.01 | 55 | \$ 220.55 |
| 14 | Monitoring Well Installation | Consultant | MWI10 | 26 - 75 ft bgs | Ft | \$ 2.81 | 5 | \$ 14.05 |
| 14 | Monitoring Well Installation | Commodity | MWI15 | 2 inch PVC Casing | Ft | \$ 17.20 | 60 | \$ 1,032.00 |
| 14 | Monitoring Well Installation | Commodity | MWI20 | Well Development | Well | \$ 152.06 | 3 | \$ 456.18 |
| 15 | Misc. Drilling Activities & Supplies | | MDT05 | Drill Rig Mob/Demob | Mob/Demob | \$ 1,059.72 | 1 | \$ 1,059.72 |

| TASK | TASK DESCRIPTION | SERVICES | ACTIVITY CODE | ACTIVITY REFERENCE CODE DESCRIPTION | UNIT | MAX UNIT COST | UNITS | TOTAL MAX |
|----------|--------------------------------------|----------|---------------|----------------------------------------------------------|--------------|---------------|--------|-------------|
| 15 | Misc. Drilling Activities & Supplies | | MDT10 | Well Cover/flushmount | Each | \$ 208.73 | 3 | \$ 626.19 |
| 15 | Misc. Drilling Activities & Supplies | | MDT21 | Drum, 55 gal. DOT steel | Each | \$ 56.78 | 6 | \$ 340.68 |
| 15 | Misc. Drilling Activities & Supplies | | MDT45 | Padlocks | Each | \$ 8.22 | 3 | \$ 24.66 |
| 36 | Change Order Request | | COR05 | Change Order Request (cost cap exceedance requests) | Change Order | \$ 393.23 | 1 | \$ 393.23 |
| Variance | | | | Well Evaluation Clearwater Lake Club 8052 & 8056 Old Cam | hrs | \$ 10.00 | 112.96 | \$ 1,129.60 |

Usual and Customary Standardized Invoice #26

July 2019 - December 2019 (Interim)



RR-111a

TOTAL LAB CHARGES ##### TASK 33 16 ##### TASK 24 0 \$ -

| MATRIX | REF CODE | REIMBURSABLE ANALYTE | UNITS | MAX COST | SAMPLES | TOTAL | MAX COST | SAMPLES | TOTAL |
|--------|----------|------------------------------|--------|-----------|---------|-----------|----------|---------|-------|
| AIR | A1 | Benzene | SAMPLE | \$ 46.29 | | \$ - | | | |
| AIR | A2 | BETX | SAMPLE | \$ 50.94 | | \$ - | | | |
| AIR | A3 | GRO | SAMPLE | \$ 47.48 | | \$ - | | | |
| AIR | A4 | VOC's | SAMPLE | \$ 74.09 | | \$ - | | | |
| WATER | W1 | GRO/PVOC | SAMPLE | \$ 30.07 | | \$ - | | | |
| WATER | W2 | PVOC | SAMPLE | \$ 27.80 | | \$ - | | | |
| WATER | W3 | PVOC + 1,2 DCA | SAMPLE | \$ 45.10 | | \$ - | | | |
| WATER | W4 | PVOC + Naphthalene | SAMPLE | \$ 31.26 | 16 | \$ 500.16 | | | |
| WATER | W5 | VOC | SAMPLE | \$ 74.09 | | \$ - | | | |
| WATER | W6 | PAH | SAMPLE | \$ 75.17 | | \$ - | | | |
| WATER | W7 | Lead | SAMPLE | \$ 12.76 | | \$ - | | | |
| WATER | W8 | Cadmium | SAMPLE | \$ 13.96 | | \$ - | | | |
| WATER | W9 | Hardness | SAMPLE | \$ 12.76 | | \$ - | | | |
| WATER | W10 | BOD, Total | SAMPLE | \$ 24.34 | | \$ - | | | |
| WATER | W11 | Nitrate | SAMPLE | \$ 11.58 | | \$ - | | | |
| WATER | W12 | Total Kjeldahl | SAMPLE | \$ 20.88 | | \$ - | | | |
| WATER | W13 | Ammonia | SAMPLE | \$ 17.42 | | \$ - | | | |
| WATER | W14 | Sulfate | SAMPLE | \$ 10.50 | | \$ - | | | |
| WATER | W15 | Iron | SAMPLE | \$ 10.50 | | \$ - | | | |
| WATER | W16 | Manganese | SAMPLE | \$ 10.50 | | \$ - | | | |
| WATER | W17 | Alkalinity | SAMPLE | \$ 10.50 | | \$ - | | | |
| WATER | W18 | methane | SAMPLE | \$ 47.48 | | \$ - | | | |
| WATER | W19 | Phosphorous | SAMPLE | \$ 18.60 | | \$ - | | | |
| WATER | W20 | VOC Method 524.2 | SAMPLE | \$ 181.59 | | \$ - | | | |
| WATER | W21 | EDB Method 504 | SAMPLE | \$ 98.31 | | \$ - | MAX COST | SAMPLES | TOTAL |
| SOILS | S1 | GRO | SAMPLE | \$ 25.52 | | \$ - | \$ 25.52 | | \$ - |
| SOILS | S2 | DRO | SAMPLE | \$ 31.26 | | \$ - | \$ 31.26 | | \$ - |
| SOILS | S3 | GRO/PVOC | SAMPLE | \$ 28.98 | | \$ - | \$ 28.98 | | \$ - |
| SOILS | S4 | PVOC | SAMPLE | \$ 26.60 | | \$ - | \$ 26.60 | | \$ - |
| SOILS | S5 | PVOC + 1,2 DCA + Naphthalene | SAMPLE | \$ 50.94 | | \$ - | \$ 50.94 | | \$ - |
| SOILS | S6 | PVOC + Naphthalene | SAMPLE | \$ 37.10 | | \$ - | \$ 37.10 | | \$ - |
| SOILS | S7 | VOC | SAMPLE | \$ 74.09 | | \$ - | \$ 74.09 | | \$ - |
| SOILS | S8 | SPLP Extraction VOC only | SAMPLE | \$ 52.13 | | \$ - | \$ 52.13 | | \$ - |
| SOILS | S9 | PAH | SAMPLE | \$ 75.17 | | \$ - | \$ 75.17 | | \$ - |
| SOILS | S10 | Lead | SAMPLE | \$ 12.76 | | \$ - | \$ 12.76 | | \$ - |

| MATRIX | REF CODE | REIMBURSABLE ANALYTE | UNITS | MAX COST | SAMPLES | TOTAL | MAX COST | SAMPLES | TOTAL |
|--------|----------|------------------------------------------------|--------|-----------|---------|--------------------------------|---------------------------|---------|-------|
| SOILS | S11 | Cadmium | SAMPLE | \$ 15.04 | | \$ - | TASK 24 TOTAL \$ - | | |
| SOILS | S12 | Free Liquid | SAMPLE | \$ 11.58 | | \$ - | | | |
| SOILS | S13 | Flash Point | SAMPLE | \$ 26.60 | | \$ - | | | |
| SOILS | S14 | Grain Size - dry | SAMPLE | \$ 44.02 | | \$ - | | | |
| SOILS | S15 | Grain Size - wet | SAMPLE | \$ 59.05 | | \$ - | | | |
| SOILS | S16 | Bulk Density | SAMPLE | \$ 13.96 | | \$ - | | | |
| SOILS | S17 | Permeability | SAMPLE | \$ 42.83 | | \$ - | | | |
| SOILS | S18 | Nitrogen as Total Kjeldahl | SAMPLE | \$ 20.88 | | \$ - | | | |
| SOILS | S19 | Nitrogen as Ammonia | SAMPLE | \$ 17.42 | | \$ - | | | |
| SOILS | S20 | % Organic Matter | SAMPLE | \$ 30.07 | | \$ - | | | |
| SOILS | S21 | TOC as NPOC | SAMPLE | \$ 59.05 | | \$ - | | | |
| SOILS | S22 | Soil Moisture Content | SAMPLE | \$ 7.03 | | \$ - | | | |
| SOILS | S23 | Air Filled Porosity | SAMPLE | \$ 26.60 | | \$ - | | | |
| SOILS | S24 | % Total Solids | SAMPLE | \$ 7.03 | | \$ - | | | |
| SOILS | S25 | Field Capacity | SAMPLE | \$ 28.98 | | \$ - | | | |
| SOILS | S26 | TCLP Lead | SAMPLE | \$ 85.65 | | \$ - | | | |
| SOILS | S27 | Cation Exchange (Ca, MG, & K) | SAMPLE | \$ 27.80 | | \$ - | | | |
| SOILS | S28 | TCLP Cadmium | SAMPLE | \$ 85.65 | | \$ - | | | |
| SOILS | S29 | TCLP Benzene | SAMPLE | \$ 85.65 | | \$ - | | | |
| | | Viscosity + Density | | | | | | | |
| LNAPL | LFPS01 | Interfacial tension I (LNAPL/water [dyne/cm]) | SAMPLE | \$ 578.17 | | \$ - | | | |
| | | Interfacial tension II (LNAPL/air [dyne/cm]) | | | | | | | |
| | | Interfacial tension III (water/air) [dyne/cm]) | | | | | | | |
| | | | | | | TASK 33 TOTAL \$ 500.16 | | | |

Usual and Customary Standardized Invoice #26
July 2019 - December 2019



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| LABOR RATES FOR U & C SCHEDULE | | SCHEDULE 25 | SCHEDULE 26 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------|
| | | 1/2019 to 6/2019 | 7/2019 to 12/2019 |
| LABOR CATEGORY | DESCRIPTION | Maximum Reimbursable Hourly Labor Rate (Effective January 1) | Maximum Reimbursable Hourly Labor Rate (Effective July 1) |
| PRINCIPAL | Administrative and/or professional head of organization. Typically has a financial interest in the company. Direct professional staff; serve as technical expert or coordinator of complex sites. This rate has not been used in the computation of maximum reimbursable amounts for tasks defined as part of the usual and customary cost schedule. | \$ 138.06 | \$ 138.06 |
| SENIOR PROFESSIONAL | Senior technical leader. Develops technical and budgetary approach to work orders. Duties include aquifer characterization, review of technical reports and remedial action plans, modeling. Provides project supervision and management. Performs design and investigation work in technically complex situations often requiring innovative applications. Fieldwork is limited to performing or overseeing extremely complex activities. This maximum reimbursable rate has not been used in the computation of reimbursable amounts for tasks defined as part of field activities. This rate should be used for Professional Engineer oversight to meet Wis. Admin. Code ch. NR 712 | \$ 112.96 | \$ 112.96 |
| PROJECT MANAGER | Has responsibility for managing entire project, including estimating costs within the project, controlling the project budget and ensuring that PECFA statute and rules are followed. May be involved in the development of approaches to site remediation, data analysis and interpretation, and report review. Coordinates and communicates with agency personnel, consultants and claimant. Not expected to conduct field. This maximum reimbursable rate has not been used in the computation of reimbursable amounts for tasks defined as part of field activities. | \$ 112.96 | \$ 112.96 |
| STAFF PROFESSIONAL | Implements field work for on-site investigation and remediation activities including site characterization, drilling supervision, monitoring well installation and sampling activities. Assists in modeling, hydrogeologic data analysis, and report preparation. Consults with higher level professional staff. | \$ 94.13 | \$ 94.13 |
| FIELD PROFESSIONAL | Ability to conduct hydrogeological investigations relating to leaking UST's and must be experienced in overseeing a wide variety of drilling operations, monitor well installations, sample logging and collection and data acquisition and interpretation and have the ability to design, perform and interpret aquifer tests. | \$ 81.58 | \$ 81.58 |
| FIELD TECHNICIAN | Performs assigned fieldwork and routine labor tasks. Assists in equipment installation and maintenance, and subcontractor oversight. Assists with well development, sampling and monitoring, static water level measurements and free product removal. Assists with field supervision of subcontractors. | \$ 62.76 | \$ 62.76 |
| DRAFTING | Technically familiar with basic engineering principles and construction methodologies. Works independently; work product reviewed by Professional Engineer. Proficient with AutoCAD or other forms of Computer Aided Design Drafting. | \$ 69.03 | \$ 69.03 |
| WORD PROCESSOR | Operates computer for word processing and spreadsheet entry. Assists technical and senior personnel with report production, correspondence preparation, and data entry. | \$ 43.93 | \$ 43.93 |
| CLERICAL | Performs general office work, typing, filing, and document reproduction. | \$ 43.93 | \$ 43.93 |
| NOTES: | | | |
| 1) These labor rates include the cost of equipment and supplies used to complete office and field tasks and which are not included on the usual and customary equipment schedule. Separate costs for field and office equipment and supplies that do not appear on the usual and customary equipment schedule are not reimbursable. | | | |
| 2) Reimbursement is based on the maximum rate allowed for a task, not the rate of the individual performing the work. For example, the maximum reimbursement rate for performing monitoring well sampling activities is an amount that corresponds with a Field Technician rate. However, there is no injunction against an individual with a higher reimbursable rate performing the task. (In other words, any individual that qualifies to perform a given task may perform that task, but reimbursement will be based on the hourly or unit rate for the task, not the pay rate of the individual performing the work.) | | | |
| 3) Owners/operators who are or have personnel qualified to perform any of the tasks defined herein and who use their employees to perform these tasks will only be reimbursed for their cost to perform the task. (i.e., Wis. Admin. Code § NR 747.30(1)(e)(4) applies.) | | | |
| 4) These labor categories - FIELD PROFESSIONAL, STAFF PROFESSIONAL, SENIOR PROFESSIONAL include the following disciplines: Hydrogeologist, Geologist, Scientist and Engineer | | | |

revised 7/1/2019

