

Foellmi, Thomas J - DNR

From: Brian Youngwirth <byoungwirth@generalengineering.net>
Sent: Friday, December 13, 2019 10:20 AM
To: DiMaggio, Janet H - DNR
Subject: Speaker 03-22-178494

Follow Up Flag: Follow up
Flag Status: Flagged

Janet, in accordance with our phone conversation today, could you please add lead testing in groundwater for 10 monitoring wells to the Bid Deferral Request, dated December 11, 2019?

Brian Youngwirth
Environmental Project Manager | General Engineering Company
916 Silver Lake Drive | PO Box 340 | Portage, WI 53901
P 608-742-2169 | Fax 608-742-2592 | C 608-697-8010
byoungwirth@generalengineering.net
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Foellmi, Thomas J - DNR

From: Brian Youngwirth <byoungwirth@generalengineering.net>
Sent: Monday, December 16, 2019 1:44 PM
To: DiMaggio, Janet H - DNR
Subject: RE: Speaker

yes

Brian Youngwirth
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From: DiMaggio, Janet H - DNR [<mailto:Janet.DiMaggio@wisconsin.gov>]
Sent: Monday, December 16, 2019 1:43 PM
To: Brian Youngwirth <byoungwirth@generalengineering.net>
Subject: RE: Speaker

Thanks for the clarification.

The added Pb GW analysis would then be for 11 rather than 10 wells (as referenced in your email dated 12/13)?

We are committed to service excellence.

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

Janet DiMaggio, P.G.

Phone: (608) 275-3295

From: Brian Youngwirth <byoungwirth@generalengineering.net>
Sent: Monday, December 16, 2019 1:39 PM
To: DiMaggio, Janet H - DNR <Janet.DiMaggio@wisconsin.gov>
Subject: RE: Speaker

Janet, there are currently 8 wells and we are putting in three more so the request of for 4 rounds from the 11 wells. The sampling parameters are PVOC, 1,2 DCA and naphthalene at 5 of the wells (20 total) and the potable wells (4 total) and just PVOCs at 6 of the wells that have not had much for detections (24 total).

Brian Youngwirth

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From: DiMaggio, Janet H - DNR [<mailto:Janet.DiMaggio@wisconsin.gov>]
Sent: Monday, December 16, 2019 11:17 AM
To: Brian Youngwirth <byoungwirth@generalengineering.net>
Subject: Speaker

Hi Brian,

For clarification/confirmation on Speaker:

There are 10 wells. So are you proposing 2 rounds for PVOCs and 2 rounds for PVOC + 1,2 DCA?
Each round would include a trip and lab blank for each round?

We are committed to service excellence.

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

Janet DiMaggio, P.G.

Hydrogeologist, Bureau for Remediation and Redevelopment/Environmental Management Division
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road, Fitchburg, WI 53711
Phone: (608) 275-3295
janet.dimaggio@wisconsin.gov



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Engineers • Consultants • Inspectors

December 11, 2019

Ms. Janet DiMaggio
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711

RE: Bid Deferral Request
Hugo Speaker Property
6832 US Highway 18
Mount Ida, Wisconsin
PECFA No.: 53809-9640-32

Dear Ms. DiMaggio:

General Engineering Company (GEC) is currently performing a site investigation and remedial action at the above-mentioned property. Costs to perform a remedial excavation were approved by the WDNR in a letter, dated August 26, 2019. The remedial excavation activities were performed on November 18 and 19, 2019. GEC is currently awaiting the results of the soil sampling performed during the remedial activities. The WDNR has also requested that four additional post-remedial rounds of groundwater sampling be performed from the nine monitoring wells on the site along with installation of 2 new off-site monitoring wells and the sampling of area potable wells. Temporary well TW-1 was abandoned during the remedial activities and a monitoring well will need to be re-installed near its former location. Therefore, GEC is requesting costs for abandonment of TW-1, re-installing a monitoring well (or bedrock monitoring well pending field conditions) in its place, two access agreements, installing two off-site bedrock monitoring wells, development/surveying the new wells, hydraulic conductivity testing at one location, waste disposal, per diem costs, submittal of soil and groundwater samples for laboratory analysis of various parameters including petroleum volatile organic compounds (PVOCs), naphthalene and 1,2 dichloroethane (1,2 DCA), and preparation of this request. GEC is also requesting costs to sample up to 4 area potable wells for laboratory analysis for the presence of PVOCs, naphthalene and 1,2 DCA. The locations of the three proposed monitoring wells are shown on the attached figure.

The site investigation report preparation has previously been approved by the WDNR. However, GEC is also requesting costs for closure request preparation, continuing obligation package preparation for the source property and up to three off-site properties, a cap maintenance plan, and engineer review of the closure request, which may be necessary at the time of closure. In addition, due to the PECFA sunset date in June of 2020, GEC in conjunction with the WDNR, will evaluate the post remedial groundwater sampling information to determine whether a closure request may be submitted subsequent to the second post-remedial sampling round. Since four quarterly post-remedial groundwater sampling rounds will not be able to be performed prior to the PECFA sunset date, GEC will likely seek approval from Ms. DiMaggio to

Portage

Black River Falls

La Crosse



Consulting Engineering • Structural Engineering • Building Design • Environmental Services • Building Inspection • GIS Services
Grant Procurement & Administration • Land Surveying • Zoning Administration • Mechanical, Electrical, & Plumbing Services



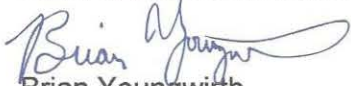
perform accelerated sampling rounds (less than every three months) to attempt to meet the PECFA deadline if it appears that all four rounds will be required.

The estimated cost of the bid deferral request is for \$28,010.41. The most recent Usual and Customary Standardized Invoice (#26), utilized to estimate costs, is included as an attachment to this correspondence.

Please do not hesitate to contact me with any questions.

Respectfully submitted,

GENERAL ENGINEERING COMPANY

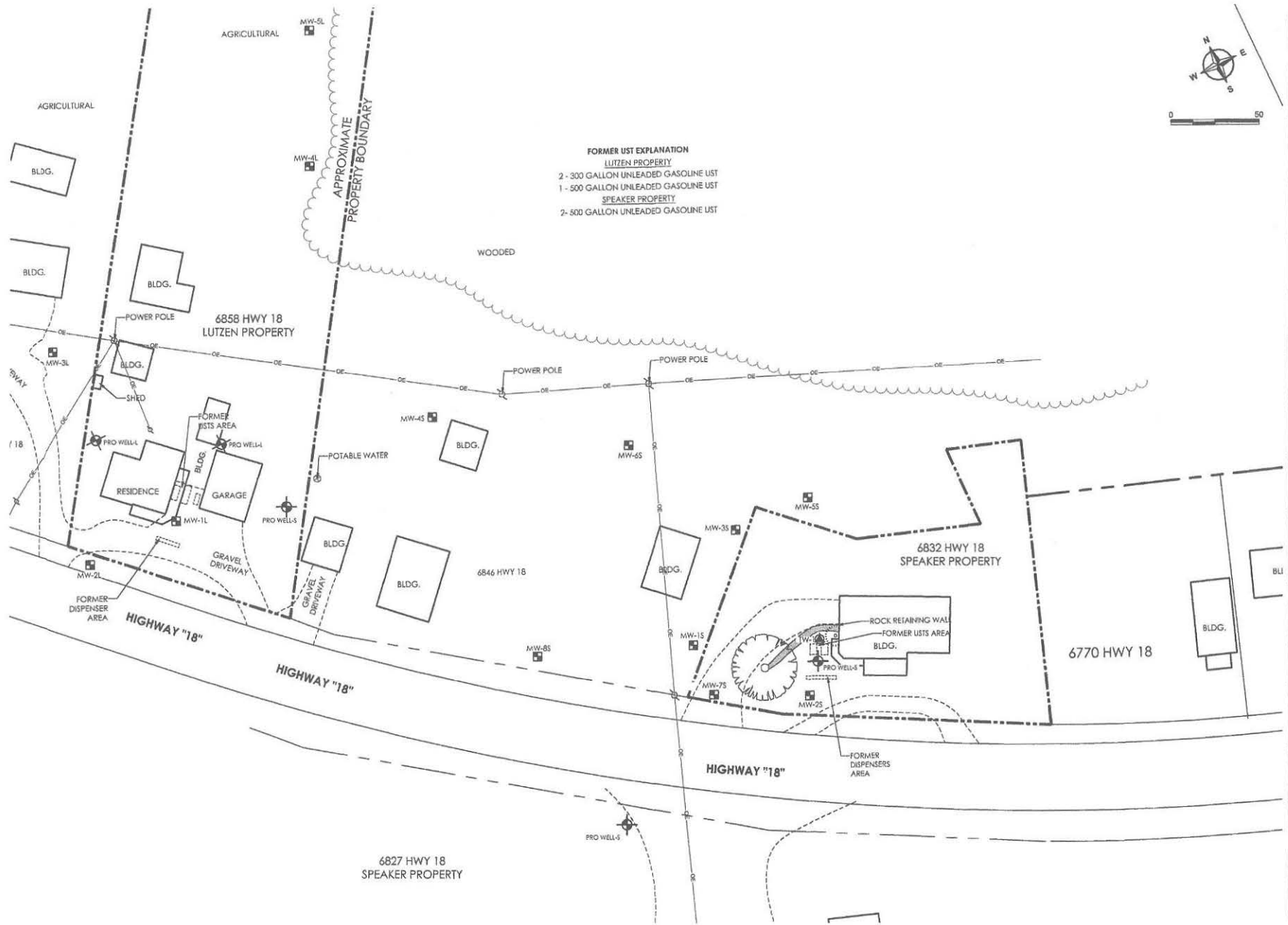


Brian Youngwirth
Environmental Project Manager

Attachments

U & C Cost Schedule

c: Michael R. Skaife, 6832 Highway 18, Fennimore, Wisconsin 53809



FORMER UST EXPLANATION
 LUTZEN PROPERTY
 2 - 300 GALLON UNLEADED GASOLINE UST
 1 - 500 GALLON UNLEADED GASOLINE UST
 SPEAKER PROPERTY
 2 - 500 GALLON UNLEADED GASOLINE UST



GEC
 General Engineering Company
 P.O. Box 348 • 818 State Lake Dr. • Pringle, MD 20686
 410-432-2189 (Cell) • 410-432-2552 (Fax)
 www.generaleng.com

**PROPOSED MONITORING WELL LOCATION MAP
 SPEAKER PROPERTY & LUTZEN PROPERTY
 (FORMER KREYER COUNTY STORE)**
 TOWN OF MT. IDA
 GRANT COUNTY, WI

EXPLANATION	
	MONITORING WELL LOCATION LUTZEN PROPERTY
	MONITORING WELL LOCATION SPEAKER PROPERTY
	SMALL DIAMETER MONITORING WELL LOCATION
	PROPOSED MONITORING WELL LOCATION - LUTZEN
	PROPOSED MONITORING WELL LOCATION - SPEAKER

DRAWN BY: KSP
 REVIEWED BY: LMB
 ISSUE DATE: DEC-2019
 GEC FILE NO.: 0119-1330719-195
 SHEET NO.:

FIGURE 4

Usual and Customary Standardized Invoice #26

July 2019 - December 2019



RR-111a

PECFA #: 53809-9640-32
 BRRTS #: 03-22-178494
 Site Name: Speaker Property
 Site Address: 6832 State Hwy 18

Vendor Name: _____
 Invoice #: _____
 Invoice Date: _____
 Check #: _____

U&C Total \$ 28,010.41
 Variance to U&C Total \$ -
 Grand Total \$ 28,010.41

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	48	\$ 3,581.76
1	GW Sampling		GS06	Sample Collection in well w/LNAPL	Well	\$ 90.07		\$ -
1	GW Sampling		GS10	Incremental Sample Collection (natural attenuation)	Well	\$ 49.10		\$ -
1	GW Sampling		GS15	Incremental Sample Collection (cadmium & lead)	Well	\$ 27.04		\$ -
1	GW Sampling		GS20	Measure Water Levels (for wells not being sampled)	Well	\$ 15.14		\$ -
1	GW Sampling		GS25	Primary Mob/Demob	Site	\$ 690.92	4	\$ 2,763.68
1	GW Sampling		GS30	Temporary Well Abandonment	Well	\$ 27.80	1	\$ 27.80
2	O & M Reporting		OMR05	Semi-Annual GW Monitoring (Form 4400-194)	Report	\$ 848.44		\$ -
2	O & M Reporting		OMR10	Semi-Annual GW Monitoring (Form 4400-194) with LNAPL Removal per RR-628	Report	\$ 1,071.66		\$ -
3	LNAPL Assessment & Removal		LAR06	LNAPL Sample Collection (1 per site, unless otherwise direct	Site	\$ 70.30		\$ -
3	LNAPL Assessment & Removal		LAR10	Primary Mob/Demob	Site	\$ 569.88		\$ -
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		\$ -
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	\$ 111.39	9	\$ 1,002.51
4	Waste Disposal	Commodity	WD17	Landfill Environmental Fee (provide documentation)	ACTUAL COST			
4	Waste Disposal	Commodity	WD20	Free Product	Drum	\$ 122.32		\$ -
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	\$ 316.47	1	\$ 316.47
5	Closure Request		CR05	Primary Closure Request	Submittal	\$ 2,781.00	1	\$ 2,781.00
5	Closure Request		CR15	Continuing Obligation Packet Submittal (For Source Property	Packet	\$ 522.58	1	\$ 522.58
5	Closure Request		CR20	Continuing Obligation Packet Submittal (For off-site Property	Per Additional Property	\$ 229.39	3	\$ 688.17
5	Closure Request		CR25	Closure Request Following SIR	Submittal	\$ 1,287.50		\$ -
5	Closure Request		CR30	PE review and certification of closure packet	Site	\$ 1,129.60	1	\$ 1,129.60
6	Letter Report/Addendum		LRA05	Letter Report/Addendum	Letter	\$ 1,070.47		\$ -

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
7	Regulatory Correspondence		RC05	Regulatory Correspondence	Letter/Status Update	\$ 132.81		\$ -
8	Well Abandonment	Consultant	WAB05	Coordination	Site	\$ 162.86		\$ -
8	Well Abandonment	Consultant	WAB10	Water column < 30 ft	Ft	\$ 2.60		\$ -
8	Well Abandonment	Consultant	WAB15	Water column > 30 ft (requires pumping [s. NR 141.25 (2) (d)])	Ft	\$ 9.08		\$ -
8	Well Abandonment	Consultant	WAB20	Bentonite Pellets (50lb bag - 1/4" pellet)	Bag	\$ 11.14		\$ -
8	Well Abandonment	Consultant	WAB25	Portland Cement (94lb bag)	Bag	\$ 8.44		\$ -
8	Well Abandonment	Consultant	WAB30	Primary Mob/Demob	Site	\$ 398.48		\$ -
8	Well Abandonment	Consultant	WAB31	Primary Mob/Demob w/ vapor point abandonment	Site	\$ 563.48		\$ -
8	Well Abandonment	Consultant	WAB32	Vapor Point Abandonment	Point	\$ 81.58		\$ -
8	Well Abandonment	Commodity	WAB35	Well Abandonment Mob/Demob	Site	\$ 453.81		\$ -
8	Well Abandonment	Commodity	WAB40	Well Abandonment (2 inch)	Ft	\$ 5.74		\$ -
8	Well Abandonment	Commodity	WAB45	Well Abandonment (4 inch)	Ft	\$ 6.71		\$ -
8	Well Abandonment	Commodity	WAB50	Well Abandonment (6 inch)	Ft	\$ 8.22		\$ -
9	Investigation Workplan Preparation		IWP05	Investigation Workplan Preparation	Report	\$ 1,495.18		\$ -
10	Initial Site Survey	Consultant	IS05	Coordination of Initial Site Survey (features + well elevations)	Survey	\$ 120.70		\$ -
10	Initial Site Survey	Consultant	IS10	Subsequent Surveys	Well	\$ 113.45	3	\$ 340.35
10	Initial Site Survey	Commodity	IS15	Initial Survey	Survey	\$ 1,206.85		\$ -
11	Potable Well Field Reconnaissance		PWFR05	Potable Well Field Reconnaissance	Site	\$ 601.01		\$ -
12	Direct Push	Consultant	DP05	0 - 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 5.52		\$ -
12	Direct Push	Consultant	DP10	> 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 6.17		\$ -
12	Direct Push	Consultant	DP15	GW Profiling (No Soil Sampling)	Ft	\$ 2.38		\$ -
12	Direct Push	Consultant	DP20	GW Sample Collection	Each	\$ 37.18		\$ -
12	Direct Push	Consultant	DP25	Temporary Well Installation	Each	\$ 51.40		\$ -
12	Direct Push	Consultant	DP30	Primary Mob/Demob	Site	\$ 563.31		\$ -
12	Direct Push	Commodity	DP35	0 - 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 7.14		\$ -
12	Direct Push	Commodity	DP40	> 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 9.30		\$ -
12	Direct Push	Commodity	DP45	GW Profiling (no soil sampling)	Ft	\$ 6.71		\$ -
12	Direct Push	Commodity	DP50	GW Sample Collection (cost for tubing)	Ft	\$ 0.43		\$ -
12	Direct Push	Commodity	DP55	Expendable Drive Point	Each	\$ 14.92		\$ -
12	Direct Push	Commodity	DP60	Borehole Abandonment	Ft	\$ 1.30		\$ -
12	Direct Push	Commodity	DP65	Concrete Penetration	Each	\$ 20.70		\$ -

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
12	Direct Push	Commodity	DP70	GW Sample Collection	Each	\$ 40.45	\$ -	-
12	Direct Push	Commodity	DP75	Temporary Well Installation	Ft	\$ 5.41	\$ -	-
12	Direct Push	Commodity	DP80	Mob/Demob (Includes decon)	Site	\$ 578.66	\$ -	-
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR05	0 - 25 ft bgs	Ft	\$ 5.56	48 \$	266.88
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR10	26 - 50 ft bgs	Ft	\$ 5.84	\$ -	-
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR15	51 - 75 ft bgs	Ft	\$ 7.52	\$ -	-
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR20	Primary Mob/Demob	Site	\$ 652.34	\$ -	-
13.b	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Consultant	DR25	Consultant Oversight	Ft	\$ 1.63	\$ -	-
13.b	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Consultant	DR30	Primary Mob/Demob	Site	\$ 555.68	\$ -	-
13.c	Drilling In Bedrock	Consultant	DR35	Consultant Oversight	Ft	\$ 6.39	47 \$	300.33
13.c	Drilling In Bedrock	Consultant	DR40	Primary Mob/Demob	Site	\$ 652.34	1 \$	652.34
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR45	0 - 25 ft bgs	Ft	\$ 17.20	48 \$	825.60
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR50	26 - 50 ft bgs	Ft	\$ 18.93	\$ -	-
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR55	51 - 75 ft bgs	Ft	\$ 22.18	\$ -	-
13.e	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Commodity	DR60	Drilling in Unconsolidated Soils	Ft	\$ 12.33	\$ -	-
13.f	Drilling In Bedrock	Commodity	DR65	Drilling in Bedrock	Ft	\$ 34.18	47 \$	1,606.46
13.f	Drilling In Bedrock	Commodity	DR70	Bedrock Drilling Setup Charge	Each	\$ 166.88	3 \$	500.64
13.f	Drilling In Bedrock	Commodity	DR75	Air Compressor	Day	\$ 439.20	3 \$	1,317.60
14	Monitoring Well Installation	Consultant	MWI05	0 - 25 ft bgs	Ft	\$ 4.01	75 \$	300.75
14	Monitoring Well Installation	Consultant	MWI10	26 - 75 ft bgs	Ft	\$ 2.81	20 \$	56.20
14	Monitoring Well Installation	Commodity	MWI15	2 inch PVC Casing	Ft	\$ 17.20	95 \$	1,634.00
14	Monitoring Well Installation	Commodity	MWI20	Well Development	Well	\$ 152.06	3 \$	456.18
14	Monitoring Well Installation	Commodity	MWI25	Mob/Demob (For development of grout or slurry sealed wells)	Site	\$ 603.49	\$ -	-
15	Misc. Drilling Activities & Supplies		MDT05	Drill Rig Mob/Demob	Mob/Demob	\$ 1,059.72	1 \$	1,059.72
15	Misc. Drilling Activities & Supplies		MDT10	Well Cover/flushmount	Each	\$ 208.73	3 \$	626.19
15	Misc. Drilling Activities & Supplies		MDT15	Stickup Well Cover	Each	\$ 168.83	\$ -	-

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
15	Misc. Drilling Activities & Supplies		MDT20	Bumper Guard Posts	Each	\$ 71.38		\$ -
15	Misc. Drilling Activities & Supplies		MDT21	Drum, 55 gal. DOT steel	Each	\$ 56.78	9	\$ 511.02
15	Misc. Drilling Activities & Supplies		MDT25	Commodity Service Provider Per Diem (drilling and direct push)	Person	\$ 209.38	4	\$ 837.52
15	Misc. Drilling Activities & Supplies		MDT30	Well Repair	Well	\$ 86.95		\$ -
15	Misc. Drilling Activities & Supplies		MDT35	Borehole Abandonment	Foot	\$ 5.62		\$ -
15	Misc. Drilling Activities & Supplies		MDT40	Concrete Penetration	Each	\$ 75.06		\$ -
15	Misc. Drilling Activities & Supplies		MDT41	Private Utility Locate				ACTUAL COST \$ -
15	Misc. Drilling Activities & Supplies		MDT45	Padlocks	Each	\$ 8.22		\$ -
16	Hand Auger Boring		HA05	Hand Augering	Boring	\$ 92.69		\$ -
16	Hand Auger Boring		HA10	Primary Mob/Demob	Site	\$ 611.12		\$ -
17	Surface Soil/Sediment/Water Sampling		SSWS05	Sampling	Sample Location	\$ 22.18		\$ -
17	Surface Soil/Sediment/Water Sampling		SSWS10	Primary Mob/Demob	Site	\$ 497.70		\$ -
19	Hydraulic Conductivity Testing		HCT05	Hydraulic Conductivity Testing	Well	\$ 60.35	1	\$ 60.35
19	Hydraulic Conductivity Testing		HCT10	Primary Mob/Demob	Site	\$ 718.07		\$ -
20	Soil Boring/Monitoring Well Permits		SBMWP05	Soil Boring/Monitoring Well Permit	Permit	\$ 253.50		\$ -
20	Soil Boring/Monitoring Well Permits		SBMWP10	Permit Fee (copy of permit & fee receipt required)	Permit Fee			
21	Access Agreements		AA05	Access Agreements	Property	\$ 414.00	2	\$ 828.00
22	Soil Investigation Report		SIR05	Soil Investigation Report	Report	\$ 3,430.85		\$ -
23	Soil And GW Investigation Report		SGIR05	Soil and GW Investigation Report	Report	\$ 5,114.31		\$ -
24	Limited Soil Excavation	Consultant	LSE05	Consultant Oversight for Limited Soil Excavation	Ton	\$ 5.09		\$ -
24	Limited Soil Excavation	Consultant	LSE10	Primary Mob/Demob	Site	\$ 915.11		\$ -
24	Limited Soil Excavation	Commodity	LSE13	Laboratory (see task 24 total on Lab Schedule)	Lab Schedule		0	\$ -
24	Limited Soil Excavation	Commodity	LSE15	Limited Soil Excavation	Ton	\$ 61.80		\$ -
24	Limited Soil Excavation	Commodity	LSE16	Landfill Environmental Fee (provide documentation)				ACTUAL COST \$ -
25	Remediation System Shut Down		SSD05	Permanent	Site	\$ 1,128.33		\$ -
25	Remediation System Shut Down		SSD10	Temporary	Site	\$ 339.16		\$ -
25	Remediation System Shut Down		SSD15	Primary Mob/Demob	Site	\$ 520.91		\$ -
27	Claim Submittal		CS05	Claim Submittal	Claim	\$ 603.48		\$ -
28	Standardized Invoice		SI05	Standardized Invoice	Invoice	\$ 18.17		\$ -
30	Meeting With Regulators		MR05	Meeting with Regulators	Meeting	\$ 359.71		\$ -
31	Consultant Overnight Per Diem		COPD05	Overnight	Night	\$ 125.09	2	\$ 250.18

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule			\$ 1,902.42
34	Consultant Incremental Mob/Demob		IMD05	Incremental Mob/Demob	Site	\$ 295.80		\$ -
35	Cap Maintenance Plan		CMP05	Cap Maintenance Plan	Plan	\$ 329.64	1	\$ 329.64
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$ 393.23	1	\$ 393.23
37	Vapor Point Installation & Sampling		VIS05	Installation & Sampling (up to 5 points)	Point	\$ 510.26		\$ -
37	Vapor Point Installation & Sampling		VIS10	Mob/Demob (up to 5 points)	Site	\$ 813.95		\$ -
	Variance							
	Variance							

Usual and Customary Standardized Invoice #26

July 2019 - December 2019 (Interim)



RR-111a

TOTAL LAB CHARGES ##### TASK 33 51 ##### 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	24	\$ 667.20			
WATER	W3	PVOC + 1,2 DCA	SAMPLE	\$ 45.10	24	\$ 1,082.40			
WATER	W4	PVOC + Naphthalene	SAMPLE	\$ 31.26		\$ -			
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	3	\$ 152.82	\$ 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 \$ 1,902.42			