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709 Gillette St., Ste #3 ♦ La Crosse, WI 54603 ♦ 1-800-552-2932 ♦ Fax (608) 781-8893 Email: rona@metcohq.com ♦ www.metcohq.com

February 13, 2018

Riley Neumann  
Wisconsin Department of Natural Resources  
2300 N. Dr. Martin Luther King Drive  
Milwaukee, WI 53212

**Subject:** Auto Repair on Vliet – Bid Deferment request for soil excavation/disposal project and additional groundwater monitoring.  
BRRTS #: 03-41-286924, PECFA #: 53205-1833-81-A

Dear Mr. Neumann,

A bid deferment (using Usual & Customary schedule of charges)/variance is being submitted for soil excavation/disposal, replacement well and one new well, and additional groundwater monitoring at the subject property located at 2481 W. Vliet Street in Milwaukee, Wisconsin. The cost estimate will include: [1] Excavation and disposal of approximately 1,780 tons (see attached site layout map for proposed excavation areas) of petroleum impacted soil, with up to 25 confirmation soil samples for PVOC, PAH, & Lead analysis. Concrete will have to be saw-cut, removed, hauled, and disposed of separately. A portion of the fence will have to be removed and repaired following the excavation. [2] Abandonment of monitoring well MW-1, [3] Drilling project to reinstall monitoring well MW-1 and new well MW-6 (NW corner of source property), [4] Surveying, [5] Two rounds of post-excavation groundwater monitoring from all site monitoring wells (MW-1R, -2, -3, -4, -5, and -6) all for PVOC and Naphthalene analysis and also Dissolved Lead from monitoring wells MW-1R and new well MW-6, [6] Waste disposal (drilling project), and [7] Prepare Letter Report. The cost estimate is as follows:

Soil Excavation/Disposal Project (commodity)	\$115,717.00 (variance)
Soil Excavation/Disposal Project (consulting)	\$ 5,763.08 (variance/U&C)
Well Abandonment (MW-1)	\$ 53.66
Drilling Project (replace MW-1 & new well MW-6)	\$ 3,908.09
Surveying	\$ 220.30
Post Excavation Groundwater Monitoring (2 quarterly events)	\$ 2,230.62
Laboratory Analysis (soil & groundwater)	\$ 3,280.29
Waste Disposal (from drilling project)	\$ 791.39
Letter Report	\$ 1,039.29
Change Order Request	\$ 381.78
Total	\$133,385.50

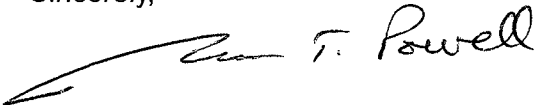
METCO is requesting a bid deferment/variance in the amount of **\$133,385.50** to complete the above workscope. Upon state and client approval of the proposed workscope and budget, METCO will proceed with the project.

Please note that the small proposed excavation area behind the building would not be eligible for PECFA reimbursement. This would include hauling, disposal, backfill, and confirmation sampling. This work would be done to help address the open WDNR ERP Case but would have to be agreed upon and paid for by the Responsible Party.

Attached are a map with proposed excavation areas, excavation/disposal project cost estimate (commodity & consulting), and 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](mailto:jasonp@metcohq.com).

Sincerely,



Jason T. Powell  
Staff Scientist

Attachments

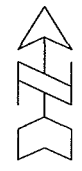
c: Raisa Beyder c/o Anna Shtivelberg, POA – Client

B.2.a  
SOIL CONTAMINATION  
AUTO REPAIR ON VLIET

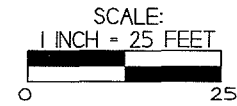
MILWAUKEE, WISCONSIN  
DRAWN BY: ED  
DATE: 8/24/16

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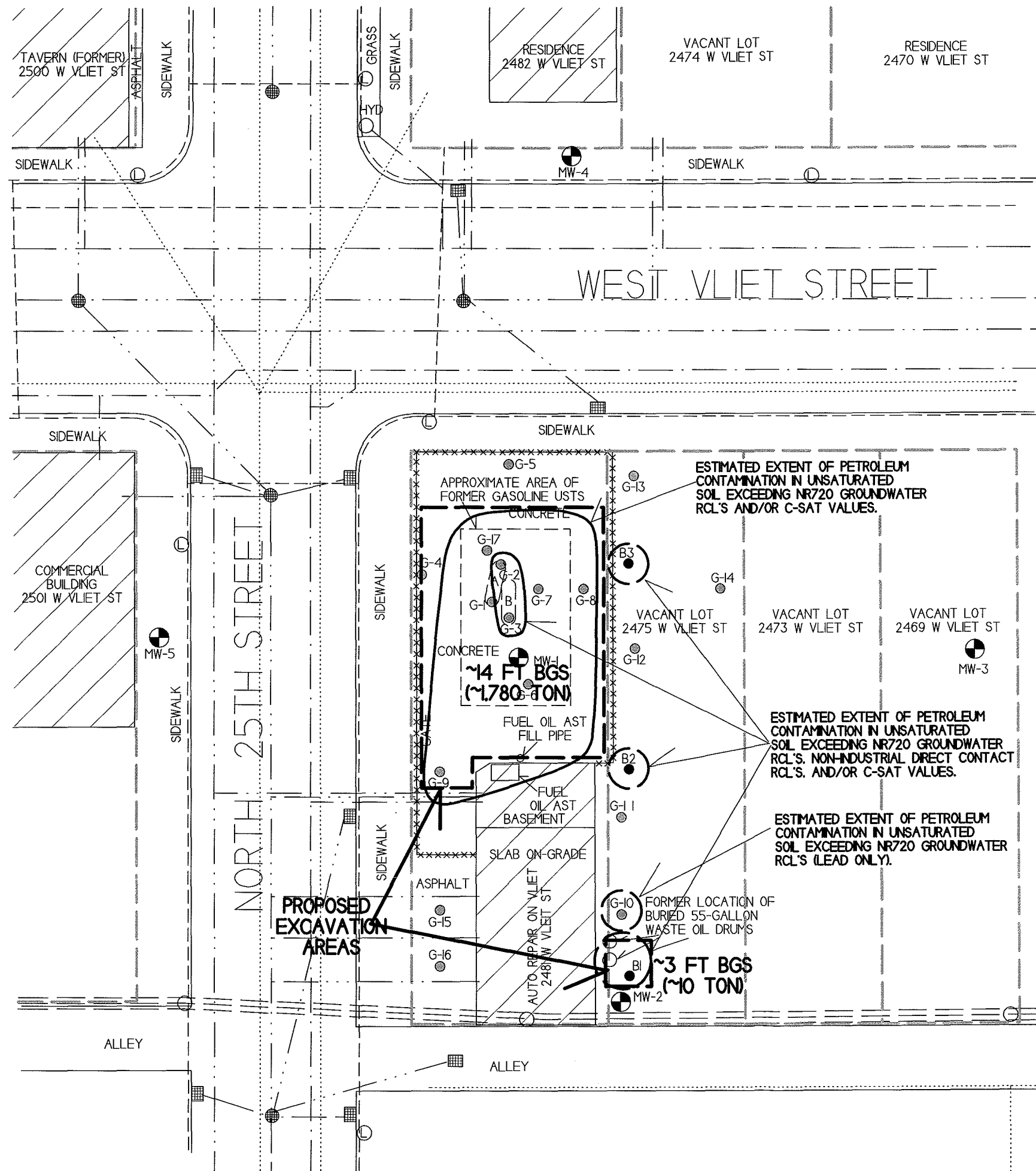


NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER



- A - FORMER PUMP ISLAND (2005, 1985, 1980, 1975, AND 1967 AERIAL PHOTOS)
- B - FORMER PUMP ISLAND (1951 AERIAL PHOTO)

- - UTILITY POLE
- ⊙ - STREET LIGHT
- - SEWER MAN HOLE
- - STORM DRAIN
- - SOIL BORING LOCATION (GILES P2ESA)
- ⊙ - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- - - - - PROPERTY BOUNDARY
- - - - - WATER LINE
- - - - - SEWER LINE
- - - - - NATURAL GAS LINE
- - - - - BURIED ELECTRIC LINE
- ==== OVERHEAD UTILITIES
- - - - - TELEPHONE/CABLE LINE
- \*\*\*\*\* FENCE



Auto Repair on Vint 2481 W Vint St Milwaukee WI

Mobilization	1	3000	3000-
Fence Work	1	1600-	1600-
Excavate	1780	3.50	6230-
Haul	1780	16	28480-
Soil disposal	1780	24	42,720-
Fill	1626	14	22,764-
Gravel	154	17	2618-
Backfill / Compact	1780	2.25	4005
Excavate concrete	1	750-	750-
Haul out concrete	1	1800	1800-
Concrete Disposal	1	750	750-
Concrete Sawcutting	1	1000-	1000-
			<u>115,717-</u> ✓

\* Fence work to consist of Removing & Reinstalling fencing on North end of lot including posts as needed for access.

DKS

2920 W Vint St

Milwaukee WI 54751

MJ [Signature] 2-12-18

## Soil Excavation/Disposal Project (Consulting)

Project Management: 6 hours @ \$85/hour

Waste Disposal Documents: 4 hours @ \$85/hour

Prepare for project: 4 hours @ \$85/hour

Fieldwork: 40 hours @ \$85/hour

Total Consulting Costs for Excavation/Disposal Project: \$4,590

Please note: mob/demob, consultant overnight per diems, and consultant equipment for the excavation project has been included in the U&C standardized invoice attached.



# Usual and Customary Standardized Invoice #23

## January 2018- July 2018



RR-092A

TOTAL LAB CHARGES \$ 3,280.29 TASK 33 94 \$ 3,280.29 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	14	\$ 424.90			
WATER	W5	VOC	SAMPLE	\$ 71.93		\$ -			
WATER	W6	PAH	SAMPLE	\$ 72.98		\$ -			
WATER	W7	Lead	SAMPLE	\$ 12.39	4	\$ 49.56			
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		\$ -			
SOILS	S1	GRO	SAMPLE	\$ 24.78		\$ -	MAX COST	SAMPLES	TOTAL
SOILS	S2	DRO	SAMPLE	\$ 30.35		\$ -	\$ 24.78		\$ -
SOILS	S3	GRO/PVOC	SAMPLE	\$ 28.14		\$ -	\$ 30.35		\$ -
SOILS	S4	PVOC	SAMPLE	\$ 25.83	26	\$ 671.58	\$ 28.14		\$ -
SOILS	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	\$ 49.46		\$ -	\$ 25.83		\$ -
SOILS	S6	PVOC + Naphthalene	SAMPLE	\$ 36.02		\$ -	\$ 49.46		\$ -
SOILS	S7	VOC	SAMPLE	\$ 71.93		\$ -	\$ 36.02		\$ -
SOILS	S8	SPLP Extraction VOC only	SAMPLE	\$ 50.61		\$ -	\$ 71.93		\$ -
SOILS	S9	PAH	SAMPLE	\$ 72.98	25	\$ 1,824.50	\$ 50.61		\$ -
SOILS	S10	Lead	SAMPLE	\$ 12.39	25	\$ 309.75	\$ 72.98		\$ -
SOILS	S11	Cadmium	SAMPLE	\$ 14.60		\$ -	\$ 12.39		\$ -
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	\$	3,280.29	