

## Neumann, Riley D - DNR

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**From:** Jason Powell <jasonp@metcohq.com>  
**Sent:** Monday, August 20, 2018 8:12 AM  
**To:** Neumann, Riley D - DNR  
**Cc:** Ron Anderson; Debby Skogen  
**Subject:** Auto Repair on Vliet - Bid Deferment/Variance Request - Milwaukee, WI (03-41-286924)  
(53205-1833-81-A)

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Riley, in going through the sampling results it appears that additional soil sampling is going to be required by the landfill to approval of disposal. Thus, I would like to include costs for conducting two Geoprobe borings to 12' bgs with analysis for 2-GRO, 2-PVOC+Naphthalene, 1-TCLP Lead, and 1-TCLP Benzene.

In order to attempt to get this excavation completed yet this fall, we determined it would be best to submit these costs ASAP and once everything has been approved we can then schedule the Geoprobe borings to be completed, receive laboratory analysis, and get landfill approval as quickly as possible.

The additional costs have been attached in the Usual & Customary Standardized Invoice.

Any questions please call or email.  
Thanks,

### Jason Powell

**METCO** - Staff Scientist

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



RR-100a

PECFA #: 53205-1833-81-A Vendor Name: \_\_\_\_\_  
 BRRTS #: 03-41-286924 Invoice #: \_\_\_\_\_  
 Site Name: Auto Repair on Vliet Invoice Date: \_\_\_\_\_  
 Site Address: 2481 W. Vliet St., Milwaukee, WI Check #: \_\_\_\_\_

U&C Total \$ 1,691.47  
 Variance to U&C Total \$ -  
 Grand Total \$ 1,691.47

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
12	Direct Push	Consultant	DP05	0 - 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 5.36	24	\$ 128.64
12	Direct Push	Consultant	DP30	Primary Mob/Demob	Site	\$ 512.10	1	\$ 512.10
12	Direct Push	Commodity	DP35	0 - 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 6.93	24	\$ 166.32
12	Direct Push	Commodity	DP60	Borehole Abandonment	Ft	\$ 1.26	24	\$ 30.24
12	Direct Push	Commodity	DP65	Concrete Penetration	Each	\$ 20.10	2	\$ 40.20
12	Direct Push	Commodity	DP80	Mob/Demob (includes decon)	Site	\$ 526.05	1	\$ 526.05
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule			\$ 287.92

# Usual and Customary Standardized Invoice #24

## July 2018- December 2018



RR-100A

TOTAL LAB CHARGES \$ 287.92 TASK 33 6 \$ 287.92 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		\$ -			
WATER	W5	VOC	SAMPLE	\$ 71.93		\$ -			
WATER	W6	PAH	SAMPLE	\$ 72.98		\$ -			
WATER	W7	Lead	SAMPLE	\$ 12.39		\$ -			
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	2	\$ 49.56	\$ 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	2	\$ 72.04	\$ 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	1	\$ 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	1	\$ 83.16			\$ -
LNAPL	LFP01	Viscosity + Density Interfacial tension I (LNAPL/water [dyne/cm]) Interfacial tension II (LNAPL/air [dyne/cm]) Interfacial tension III (water/air) [dyne/cm])	SAMPLE	\$ 561.33		\$ -			\$ -
						TASK 33 TOTAL	\$	287.92	

MAX COST	SAMPLES	TOTAL
\$ 24.78		\$ -
\$ 30.35		\$ -
\$ 28.14		\$ -
\$ 25.83		\$ -
\$ 49.46		\$ -
\$ 36.02		\$ -
\$ 71.93		\$ -
\$ 50.61		\$ -
\$ 72.98		\$ -
\$ 12.39		\$ -
<b>TASK 24 TOTAL</b>		
		\$ -