



FID # 267161620  
BRRS # 0367152319

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April 9, 2015

RECEIVED

Lee Delcore  
Wisconsin Department of Natural Resources  
1155 Pilgrim Road  
Plymouth, WI 53073

APR 13 2015

PLYMOUTH DNR

**Subject:** Kewaskum Living Waters Church – Bid Deferment/Variance Request for additional groundwater sampling and sub-slab vapor sampling.  
BRRS #: 03-67-152319 PECFA #: 53040-9117-00

Dear Mr. Delcore,

At the request of the WDNR, METCO is submitting a bid deferment/variance request for additional groundwater sampling and sub-slab vapor sampling at the subject property located at 100 Clinton Avenue in Kewaskum, Wisconsin. This includes: two quarterly groundwater monitoring events from all site wells (MW-1, -2, and -3) PVOC and Naphthalene analysis, based on soil and groundwater results near and beneath the on-site building the installation and sampling of one sub-slab vapor sampling port and one 24-hour indoor air sample for TO-15 (VOC) analysis will be required to address the vapor intrusion risk, and report. The cost estimate is as follows:

Groundwater Sampling (2 rounds)	\$1,610.40
Laboratory Analysis	\$ 231.20
Sub-Slab Vapor Sampling (including analysis)	\$1,440.00 (Variance)
Letter Report	\$ 989.80
Change Order Request	\$ 363.60
<b>Total</b>	<b>\$4,635.00</b>

METCO is requesting bid deferment/variance in the amount of \$4,635.00 to complete the above activities. Once the above work and associated costs are approved, METCO will proceed with the project.

Attached are a bid summary for the subcontracted vapor sampling project and draft standardized invoice form for the remaining work scope 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: Standardized Invoice Form

c: Joan Brath – Kewaskum Living Waters Church

**Sub-Slab Vapor Sampling Cost Estimate (Subcontracted)**  
**Including TO-15 Analysis**

Fehr Graham Engineering & Environmental	\$1,100.00
SCS Engineers	\$1,964.00
Braun Intertec	\$2,144.10

METCO Project Management Costs for Sub-Slab Vapor Sampling (scheduling, preparation, coordination, and data reduction/analysis of vapor results): 4 hours @ \$85/hour = \$340

Commodity	\$1,100
Consulting	<u>\$ 340</u>
Total	\$1,440

**Usual and Customary Standardized Invoice #17**  
**January 2015 - June 2015**



PECFA #: 53040-9117-00  
 BRRT's #: 03-67-152319  
 Site Name: Kewaskum Living Waters Church  
 Site Address: 100 Clinton Avenue, Kewaskum, WI

Vendor Name: \_\_\_\_\_  
 Invoice #: \_\_\_\_\_  
 Invoice Date: \_\_\_\_\_  
 Check #: \_\_\_\_\_

U&C Total \$3,195.00  
 Variance to U&C Total \$1,440.00  
 Grand Total \$4,635.00

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
1	GW Sampling		GS05	Sample Collection	Well	\$69.00	6	\$414.00
1	GW Sampling		GS25	Primary Mob/Demob	Site	\$598.20	2	\$1,196.40
6	Letter Report/Addendum		LRA05	Letter Report/Addendum	Letter	\$989.80	1	\$989.80
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule	Lab Schedule	8	\$231.20
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$363.60	1	\$363.60
Variance	Sub-slab vapor sampling project (one sub-slab and one indoor air vapor sample for TO-15 (VOC) analysis)							\$1,440.00
Variance								

**Usual and Customary Standardized Invoice #17**  
**January 2015 - June 2015**



**TOTAL LAB CHARGES \$231.20 TASK 33 8 \$231.20 TASK 24 0 \$-**

MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL
AIR	A1	Benzene	SAMPLE	\$42.80		\$-
AIR	A2	BETX	SAMPLE	\$47.10		\$-
AIR	A3	GRO	SAMPLE	\$43.90		\$-
AIR	A4	VOC's	SAMPLE	\$68.50		\$-
WATER	W1	GRO/PVOC	SAMPLE	\$27.80		\$-
WATER	W2	PVOC	SAMPLE	\$25.70		\$-
WATER	W3	PVOC + 1,2 DCA	SAMPLE	\$41.70		\$-
WATER	W4	PVOC + Naphthalene	SAMPLE	\$28.90	8	\$231.20
WATER	W5	VOC	SAMPLE	\$68.50		\$-
WATER	W6	PAH	SAMPLE	\$69.50		\$-
WATER	W7	Lead	SAMPLE	\$11.80		\$-
WATER	W8	Cadmium	SAMPLE	\$12.90		\$-
WATER	W9	Hardness	SAMPLE	\$11.80		\$-
WATER	W10	BOD, Total	SAMPLE	\$22.50		\$-
WATER	W11	Nitrate	SAMPLE	\$10.70		\$-
WATER	W12	Total Kjeldahl	SAMPLE	\$19.30		\$-
WATER	W13	Ammonia	SAMPLE	\$16.10		\$-
WATER	W14	Sulfate	SAMPLE	\$9.70		\$-
WATER	W15	Iron	SAMPLE	\$9.70		\$-
WATER	W16	Manganese	SAMPLE	\$9.70		\$-
WATER	W17	Alkalinity	SAMPLE	\$9.70		\$-
WATER	W18	methane	SAMPLE	\$43.90		\$-
WATER	W19	Phosphorous	SAMPLE	\$17.20		\$-
WATER	W20	VOC Method 524.2	SAMPLE	\$167.90		\$-
WATER	W21	EDB Method 504	SAMPLE	\$90.90		\$-
SOILS	S1	GRO	SAMPLE	\$23.60		\$-
SOILS	S2	DRO	SAMPLE	\$28.90		\$-
SOILS	S3	GRO/PVOC	SAMPLE	\$26.80		\$-
SOILS	S4	PVOC	SAMPLE	\$24.60		\$-
SOILS	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	\$47.10		\$-
SOILS	S6	PVOC + Naphthalene	SAMPLE	\$34.30		\$-
SOILS	S7	VOC	SAMPLE	\$68.50		\$-
SOILS	S8	SPLP Extraction VOC only	SAMPLE	\$48.20		\$-
SOILS	S9	PAH	SAMPLE	\$69.50		\$-
SOILS	S10	Lead	SAMPLE	\$11.80		\$-
SOILS	S11	Cadmium	SAMPLE	\$13.90		\$-
SOILS	S12	Free Liquid	SAMPLE	\$10.70		\$-
SOILS	S13	Flash Point	SAMPLE	\$24.60		\$-
SOILS	S14	Grain Size - dry	SAMPLE	\$40.70		\$-
SOILS	S15	Grain Size - wet	SAMPLE	\$54.60		\$-
SOILS	S16	Bulk Density	SAMPLE	\$12.90		\$-
SOILS	S17	Permeability	SAMPLE	\$39.60		\$-
SOILS	S18	Nitrogen as Total Kjeldahl	SAMPLE	\$19.30		\$-
SOILS	S19	Nitrogen as Ammonia	SAMPLE	\$16.10		\$-
SOILS	S20	% Organic Matter	SAMPLE	\$27.80		\$-
SOILS	S21	TOC as NPOC	SAMPLE	\$54.60		\$-
SOILS	S22	Soil Moisture Content	SAMPLE	\$6.50		\$-
SOILS	S23	Air Filled Porosity	SAMPLE	\$24.60		\$-
SOILS	S24	% Total Solids	SAMPLE	\$6.50		\$-
SOILS	S25	Field Capacity	SAMPLE	\$26.80		\$-
SOILS	S26	TCLP Lead	SAMPLE	\$79.20		\$-
SOILS	S27	Cation Exchange (Ca, MG, & K)	SAMPLE	\$25.70		\$-
SOILS	S28	TCLP Cadmium	SAMPLE	\$79.20		\$-
SOILS	S29	TCLP Benzene	SAMPLE	\$79.20		\$-
LNAPL	LFPS01	Viscosity + Density Interfacial tension I (LNAPL/water [dyne/cm]) Interfacial tension II (LNAPL/air [dyne/cm]) Interfacial tension III (water/air [dyne/cm])	SAMPLE	\$534.60		\$-

MAX COST	SAMPLES	TOTAL
\$23.60		\$-
\$28.90		\$-
\$26.80		\$-
\$24.60		\$-
\$47.10		\$-
\$34.30		\$-
\$68.50		\$-
\$48.20		\$-
\$69.50		\$-
\$11.80		\$-
<b>TASK 24 TOTAL</b>		<b>\$-</b>

**TASK 33 TOTAL \$231.20**