



*Excellence through experience™*

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

August 30, 2017

Tom Verstegen  
Wisconsin Department of Natural Resources  
625 E. CTY Y, Suite 700  
Oshkosh, WI 54901

**Subject:** Kopatz Property – Bid Deferment request for soil excavation/disposal project, additional groundwater monitoring, and vapor sampling.  
BRRTS #: 03-38-231379, PECFA #: 54114-7330-17

Dear Mr. Verstegen,

A bid deferment (using Usual & Customary schedule of charges)/variance is being submitted for soil excavation/disposal, additional groundwater monitoring, and vapor sampling at the subject property located at W8317 County Highway P in Crivitz (Town of Beaver), Wisconsin. The cost estimate will include: [1] Excavation and disposal of approximately 1,215 tons (see attached site layout map) of petroleum impacted soil, with up to 21 confirmation soil samples for PVOC and Naphthalene analysis. [2] Pumping/disposal of impacted groundwater during excavation project (for 2 days and up to 2,000 gallons). [3] Abandonment of monitoring wells MW-1 & MW-2, [4] Drilling project to reinstall monitoring wells MW-1 & MW-2, [5] Surveying, [6] Four rounds of post-excavation groundwater monitoring from three monitoring wells (MW-1, -2, -3), on-site private well, sump, and during the final round include all other site monitoring wells all for PVOC and Naphthalene analysis, [7] Waste disposal, [8] Sub slab vapor sampling from three locations for TO-15 (PVOC+Naphthalene) analysis following the excavation project, and [9] Two Letter Reports. The cost estimate is as follows:

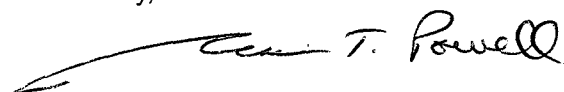
Soil Excavation/Disposal Project (commodity)	\$ 90,147.50 (variance)
Soil Excavation/Disposal Project (consulting)	\$ 4,210.58
Pumping/Disposal of impacted groundwater via Vac-Truck	\$ 3,472.00 (variance)
Well Abandonment (MW-1 & MW-2)	\$ 71.30
Drilling Project (replace MW-1 & MW-2)	\$ 3,293.22
Surveying	\$ 220.30
Groundwater monitoring (4 quarterly events)	\$ 4,544.19
Laboratory Analysis	\$ 1,672.59
Waste Disposal (from drilling project)	\$ 791.39
Sub Slab Vapor Sampling (including analysis)	\$ 2,490.00 (variance)
Letter Reports (2)	\$ 2,078.58
Change Order Request	\$ 381.78
<b>Total</b>	<b>\$113,373.43</b>

METCO is requesting a bid deferment/variance in the amount of **\$113,373.43** to complete the above workscope. Upon state and client approval of the proposed workscope and budget, METCO will proceed with the project.

Attached are a map with proposed excavation area, excavation/disposal cost estimate (commodity), groundwater pumping via Vac-Truck cost estimate (commodity), sub slab vapor sampling project cost estimate, and draft standardized invoice form for the above workscope as required. For further information regarding the site history and collected data, please see the *Site Investigation Report* dated 11/17/15 (METCO) and *Letter Report* dated 1/9/17.

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,

A handwritten signature in black ink that reads "Jason T. Powell". The signature is written in a cursive style with a long, sweeping underline that extends to the left.

Jason T. Powell  
Staff Scientist

Attachments

c: Dennis Kopatz c/o Craig Kopatz - Client

W8302

SHARED POTABLE WELL WITH W8318

W8318

W8308

W8322 COUNTY HIGHWAY P

W8318 COUNTY HIGHWAY P

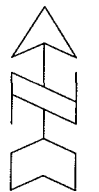

W8308 COUNTY HIGHWAY P

COUNTY HIGHWAY P

PROPOSED EXCAVATION AREA TO ~12 FEET BGS

ESCANABA & LAKE SUPERIOR RAILROAD

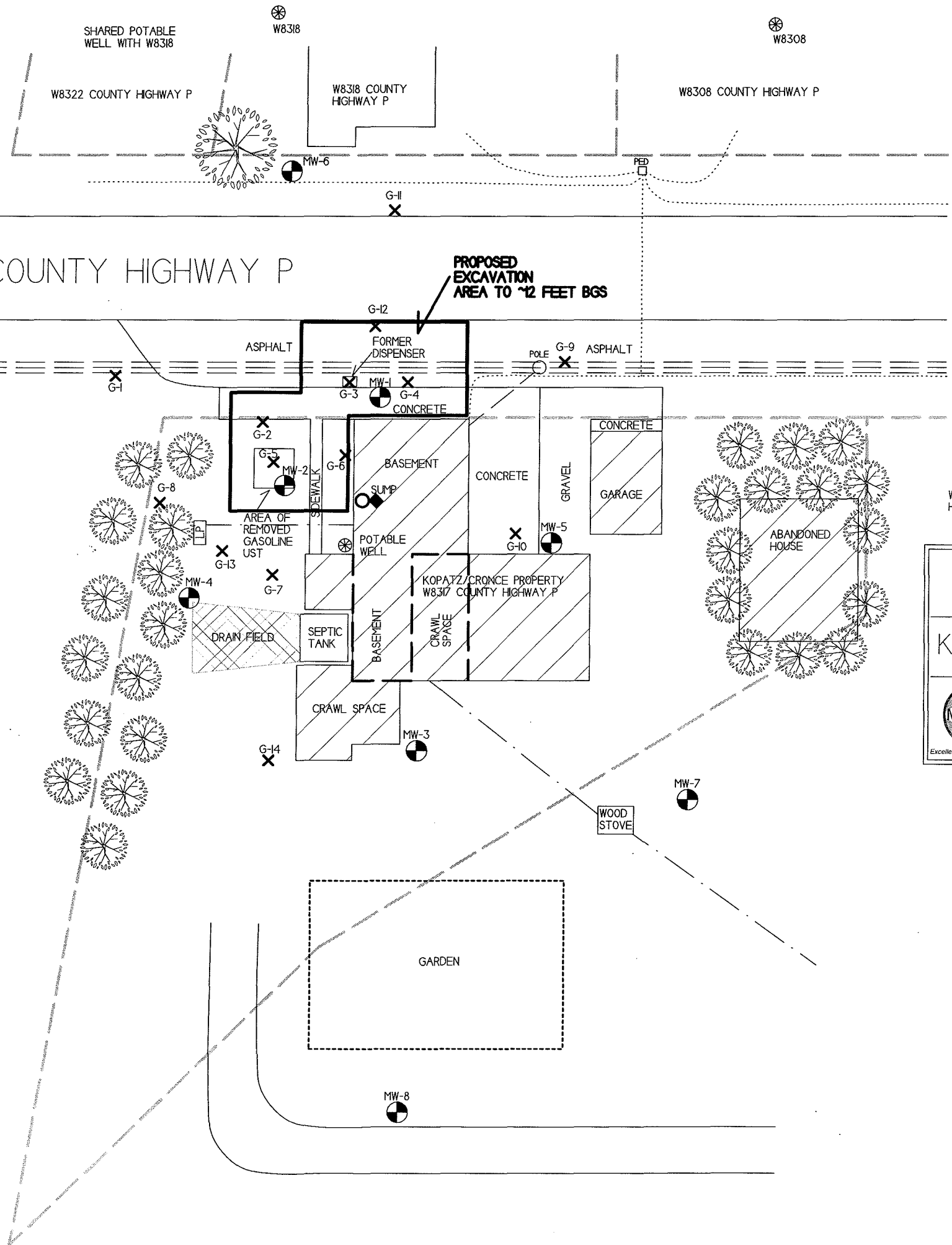
SCALE: 1 INCH = 30 FEET

<p>B.I.b DETAILED SITE MAP KOPATZ/CRONCE PROPERTY</p>		
 <p>709 Gillette Street, Suite 3 La Crosse, WI 54603 Tel: (608) 781-8879 Fax: (608) 781-8893 <small>Excellence through experience™</small></p>	<p>BEAVER, WISCONSIN</p> <p>DRAWN BY: ED 07/13/2002 UPDATED BY: ED 07/09/2003</p>	

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- ◆ - INDOOR AIR SAMPLE LOCATION
- ✕ - GEOPROBE BORING LOCATION
- ⊗ - POTABLE WELL LOCATION
- ⊕ - MONITORING WELL LOCATION

- - - - - HOT WATER LINE
- - - - - GAS LINE
- - - - - OVERHEAD ELECTRIC LINE
- - - - - TELEPHONE/CABLE LINE
- - - - - PROPERTY BOUNDARY



KOPATZ / CRONCE Property Beaver, WI


Mobilization	1	3200-	3200-
Excavate	1215	3.30	4009.50
Haul	1215	20	24300-
Disposal	1215	33	40,095-
Fill	1000	12	12,000
Rock	215	18	3870
Backfill / Compact	1215	2.20	2673

\$ 90,147.50

PKS

2520 Wilson St

Menomonee WI 54871

Mak  6-5-07

Sub Slab Vapor Sampling  
Cost Estimate (Subcontracted)  
**Including PVOC and Naphthalene Analysis**

REI	\$2,150.00
Braun Intertec	\$2,380.84
SCS Engineers	\$2,594.00

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	\$2,150.00
Consulting	<u>\$ 340.00</u>
Total	\$2,490.00

05-16

METCO  
709 Gillette St.  
LaCrosse, WI 54603-2382

RE: Petroleum Contaminated Groundwater pumping-Crivitz, WI

Attn: Jason Powell

Thank you for the opportunity to present our Action Plan for providing a vacuum truck for 2 days at an excavation site in Crivitz, WI. Covanta Environmental Solutions is an elite organization of industry professionals dedicated with serving our clients and community with Clean, Competitive and Convenient Environmental Experiences.

**Our Promise to You**

- **A Business Partnership** – By having a solid partnership with a company that cares and an Experienced Environmental Professional, you gain from our experience and knowledge.
- **Turn Key Service-** By providing all the necessary transportation and Mandated Legal Documentation we remove the guesswork from what can be complicated and tedious regulations.
- **Pollution and Liability Insurance-** Peace of Mind Performance that protects you and your company's profits from future liability. We protect your company so that not just today but down the road, you will never have to worry about what we've done.
- **Reliability** – Each year we make more than 15,000 on time waste appointments for clients across the Midwest. Our promise of on time service saves you headaches!
- **Experienced Environmental Professionals** – With CES you get a team of experienced and tenured professionals that provide unmatched value and GUARANTEED RESULTS!
- **Full Menu of Services** - Promotes efficiency that helps increase your productivity by providing a single company to meet ALL of your Water Treatment and Industrial Service needs. SAVES TIME, MONEY AND HEADACHE. Check out [www.covanta.com](http://www.covanta.com) for a list of our available services.

Page two of this proposal provides a detailed summary of costs associated with this Action Plan. Please contact me with any questions or to discuss moving forward with your GUARANTEED RESULTS!

Yours truly,

Jake Biggar  
Solutions Sales Manager  
Phone: (920) 379-1371

**The scope** Cost associated with vacuum truck service for (2) days assuming 4 hours of on-site time day 1 and 8 hours on-site day two. Disposal is based on 1,000- >2,000 gallons.

**Assumptions:**

- Material is NON-RCRA, NON-TSCA, NON-Radioactive and NON-Infectious
- A change in scope or additional time and materials may incur additional costs to Client (\$140.00 per hour beyond outlined scope of work)
- Clear Unobstructed Access will be provided to work area
- Costs are based on (2) days based on assumed hours listed under scope.
- Analytical results will be required to confirm wastewater is non-hazardous

Waste Disposal	Estimated Quantity	Unit of Measure	Unit Price	Estimated Subtotal
Petroleum Impacted Ground Water (UST)	2000	Per Gallon	\$ .32	\$ 640.00
Transportation, Labor, & Per Diem	Estimated Quantity	Unit of Measure	Unit Price	Estimated Subtotal
Mob/Demob Vac Truck with Operator	1	Load	\$ 700.00	\$ 700.00
Vac Truck w/Operator based on 12 hours	12	Per Hour	\$ 140.00	\$1,680.00
Per Diem (Per guy per night)	1	Per Night	\$ 150.00	\$ 150.00
Energy, Insurance, & Security Fee				9.5%

- These rates will be held in a proposal status. Prices are subject to change if not utilized by 6/30/17.
- All rates are based on information provided. Covanta Environmental Solutions reserves the right to renegotiate if volume, operation, and product knowledge are not consistent with assumptions provided. Waste Treatment rates are based on approval and acceptance of material into an approved Waste Treatment facility.
- All services subject to Covanta Environmental Solutions. standard terms and conditions found at [http://www.advancedwasteservices.com/client\\_resources.html](http://www.advancedwasteservices.com/client_resources.html)

**Estimated Project Total including Waste Treatment (12 hours & 2000 gal.): \$3,472.00**

**Actual time on-site & gallons will determine final invoice amount**

"When this project is completed, and you and I are looking at what's been done, what has to have happened for you to be happy with the result?"

## Client Acceptance

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Please sign, scan and email to: [jbiggar@covanta.com](mailto:jbiggar@covanta.com) or fax to: 920-582-3989

**Covanta Environmental Solutions, a nationwide network of Treatment, Recycling, Logistics and Energy-from-Waste resources to help clients reach their sustainability goals and protect tomorrow.**





# Usual and Customary Standardized Invoice #22



RR-023A

TOTAL LAB CHARGES ##### TASK 33 51 \$1,672.59 TASK 24 0 \$-

MATRIX	REF COD	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	29	\$880.15			
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		\$-	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		\$-	\$28.14		\$-
SOILS	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	\$49.46		\$-	\$25.83		\$-
SOILS	S6	PVOC + Naphthalene	SAMPLE	\$36.02	22	\$792.44	\$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		\$-	\$50.61		\$-
SOILS	S10	Lead	SAMPLE	\$12.39		\$-	\$72.98		\$-
SOILS	S11	Cadmium	SAMPLE	\$14.60		\$-	\$12.39		\$-
SOILS	S12	Free Liquid	SAMPLE	\$11.24		\$-	<b>TASK 24 TOTAL</b>		
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		\$-			
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	\$561.33		\$-			
						<b>TASK 33 TOTAL</b>			<b>\$1,672.59</b>