




From: Dave Larsen <dlarsen@reiengineering.com>
Sent: Friday, April 24, 2020 11:27 AM
To: Stoltz, Carrie R - DNR
Subject: Hoffman Corners
Attachments: 6962 soil sampling - dig.pdf

Carrie, cost proposal to sample the stockpile to collect 5 additional samples for PVOC and PAH parameters. Soil beneath the stockpile will not be sampled as it is likely impacted from the old bulk plant release. Please let me know if you have any questions or concerns.

Thank you,
David N. Larsen P.G.
Senior Hydrogeologist / Professional Geologist



The image shows a business card for REI (Civil & Environmental Engineering, Surveying). The card is green and white. It features the REI logo, which includes a globe and the letters 'REI'. Below the logo, it says 'CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING'. The address is '4080 N. 20th Avenue, Wausau, WI 54401'. The website is 'REIengineering.com'. There are four small icons at the bottom: a head, a tripod, a leaf, and a water tap. To the right of the logo, the contact information for David N. Larsen, P.G., Senior Hydrogeologist, is listed: 'Dlarsen@REIengineering.com', 'Tel: 1-877-734-7745, 715-675-9784', 'Cell: 715-551-3434', and 'Fax: 715-675-4060'.

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Usual and Customary Standardized Invoice #27

January 2020 - June 2020



RR-0113a-E

PECFA #: 54893-9999-00 Vendor Name: REI
 BRRTS #: 03-07-000115 Invoice #: _____
 Site Name: Hoffman Corners Invoice Date: Proposal Date 4-23-20
 Site Address: Main & Gandy Dancer, Webster Check #: _____

U&C Total \$ 2,011.80
 Variance to U&C Total \$ -
 Grand Total \$ 2,011.80

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
16	Hand Auger Boring		HA05	Hand Augering	Boring	\$ 92.69	5	\$ 463.45
16	Hand Auger Boring		HA10	Primary Mob/Demob	Site	\$ 611.12	1	\$ 611.12
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule		15	\$ 544.00
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$ 393.23	1	\$ 393.23

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RR-0113a-E

TOTAL LAB CHARGES \$	544.00	TASK 33	15	\$ 544.00	TASK 24	0 \$	-
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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		\$ -			
WATER	W3	PVOC + 1,2 DCA	SAMPLE	\$ 45.10		\$ -			
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		\$ -			
SOILS	S1	GRO	SAMPLE	\$ 25.52		\$ -	MAX COST	SAMPLES	TOTAL
SOILS	S2	DRO	SAMPLE	\$ 31.26		\$ -	\$ 25.52		\$ -
SOILS	S3	GRO/PVOC	SAMPLE	\$ 28.98		\$ -	\$ 31.26		\$ -
SOILS	S4	PVOC	SAMPLE	\$ 26.60	5	\$ 133.00	\$ 28.98		\$ -
SOILS	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	\$ 50.94		\$ -	\$ 26.60		\$ -
SOILS	S6	PVOC + Naphthalene	SAMPLE	\$ 37.10		\$ -	\$ 50.94		\$ -
SOILS	S7	VOC	SAMPLE	\$ 74.09		\$ -	\$ 37.10		\$ -
SOILS	S8	SPLP Extraction VOC only	SAMPLE	\$ 52.13		\$ -	\$ 74.09		\$ -
SOILS	S9	PAH	SAMPLE	\$ 75.17	5	\$ 375.85	\$ 52.13		\$ -
SOILS	S10	Lead	SAMPLE	\$ 12.76		\$ -	\$ 75.17		\$ -
SOILS	S11	Cadmium	SAMPLE	\$ 15.04		\$ -	\$ 12.76		\$ -
SOILS	S12	Free Liquid	SAMPLE	\$ 11.58		\$ -	TASK 24 TOTAL \$ -		
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		\$ -			

MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL	MAX COST	SAMPLES	TOTAL
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	5	\$ 35.15			
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						\$ 544.00			