# SEYMOUR ENVIRONMENTAL SERVICES, INC.

P.O. Box 398, 2531 Dyreson Road, McFarland, Wisconsin 53558 Telephone: 608-838-9120

April 5, 2019

PECFA ID#: 53094-4639-11 BRRTS: #03-28-174068

Jon Heberer Wisconsin Department of Natural Resources 3911 Fish Hatchery Road Madison, Wisconsin 53711

Re: Ken Staude Property 611 South Sixth Street Watertown, Wisconsin 53094

Dear Mr. Heberer:

We are requesting budget to conduct a remedial excavation at the above referenced site. The total budget request is for \$26,109.36. This includes items on the U&C Schedule as well as a variance for the remedial excavation costs.

During the assessment soils with petroleum-related contamination exceeding RCLs were identified over a relatively small area. The contaminated soils extended from ~7 to 20 feet below grade. The proposed remediation includes excavation of 400 tons of contaminated soil and around 220 tons of clean overburden.

#### Soil Remediation Budget-Variance Items

The total costs related to the contaminated soils remediation are \$23,485.02. This includes the contracting costs for the remedial excavation, disposal, and backfilling (details of the variance are tabulated below). The costs related to handling the clean overburden are separate items in the summary table for your information/convenience.

ITEM	Amount Unit Cost		Total		
Contractor Mobilization	1	\$1000	\$1,000		
Excavate and stockpile clean soil	220 ton	\$2.75	\$605		
Excavate/load/haul contaminated soil	400 ton	\$8.00	\$3,200		
Provide backfill and compact	400 ton	\$12.75	\$5,100		
Backfill and compact stockpiled soil	220 ton	\$4.75	\$1,045		
Landfill profiling fee		\$100	\$100		
Tipping fees	400 tons	\$27.00	\$10,800		
	\$21,850				
Consultant Oversight (contaminated)	16 hours	91.39	\$1,462.24		
Consultant Oversight (overburden)	2 hours	91.39	\$182.78		
	Total Co	onsultant Costs	\$1,645.02		
	Total Remediation Cost				

Jon Heberer WDNR-R&R April 5, 2019 Page 2

The costs related to the proposed soil remediation including the clean overburden are less than the approvable rates outlined in the PECFA U&C invoice table for limited soil excavations. We expect that this will take at least two days.

All of the other activities needed to conduct the soil remediation can be completed for the U&C rates. These include consultant mob/demob, confirmation soil sample analysis, preparation of a letter report, and a cost request. The total U&C cost is \$2,624.34.

Once we have the excavation completed, we will submit a report detailing the remedial action and recommendations for groundwater monitoring. A budget request for groundwater monitoring will be submitted along with the report.

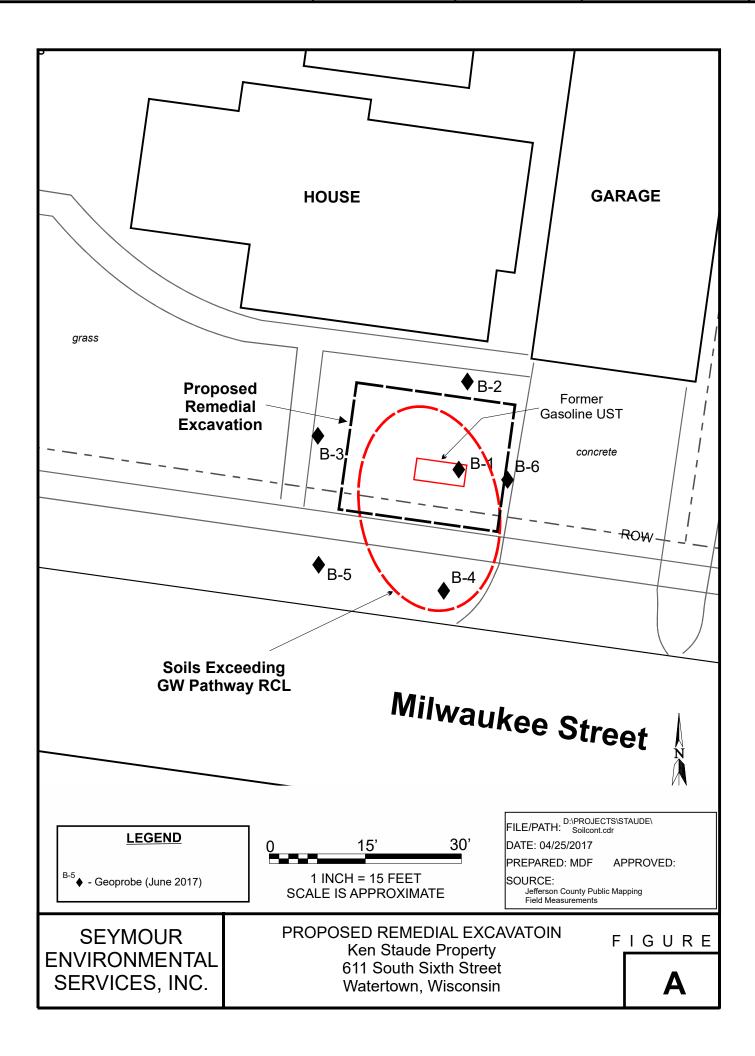
Please call me if you have any questions at 608-838-9120 or 608-225-9407 (cell).

Sincerely, Seymour Environmental Services, Inc.

Rokyn Sugnow

Robyn Seymour Hydrogeologist

Attachment: U&C Cost Schedule Proposed Remedial Excavation Map Contractor Bid (Koplin Excavating and Grading, Inc)



### Usual and Customary Standardized Invoice #25 January 2019 - June 2019



2.624.34

23.485.02

26,109.36

PECFA #:	53094-4639-11
BRRTS #:	03-28-174068
Site Name:	Staude Property
Site Address:	611 S. Sixth St. Watertown

Vendor Name:	Seymour	
Invoice #:	Cost Reqeust	U&C Total \$
Invoice Date:	5-Apr-19	Variance to U&C Total \$
Check #:		Grand Total \$

ACTIVITY MAX UNIT TOTAL UNITS TASK TASK DESCRIPTION SERVICES ACTIVITY REFERENCE CODE DESCRIPTION UNIT CODE COST MAX \$ 6 Letter Report/Addendum LRA05 Letter Report/Addendum Letter 1,039.29 1 \$ 1,039.29 23 Soil And GW Investigation Report SGIR05 Soil and GW Investigation Report \$ 4.965.35 \$ Report LSE05 \$ \$ 24 Limited Soil Excavation Consultant Consultant Oversight for Limited Soil Excavation Ton 4.94 \_ 24 Limited Soil Excavation Consultant LSE10 Primary Mob/Demob Site \$ 915.11 1 \$ 915.11 8 \$ 24 Limited Soil Excavation Commodity LSE13 Laboratory (see task 24 total on Lab Schedule) Lab Schedule 288.16 Limited Soil Excavation Commodity LSE15 Limited Soil Excavation Ton \$ 60.00 \$ 24 LSE16 ACTUAL COST 24 Limited Soil Excavation Commodity Landfill Environmental Fee (provide documentation) SSD05 25 Remediation System Shut Down Permanent Site \$ 1.095.47 \$ Remediation System Shut Down SSD10 \$ 25 Temporary Site \$ 329.28 Remediation System Shut Down SSD15 25 Primary Mob/Demob Site \$ 520.91 \$ 27 \$ Claim Submittal CS05 Claim Submittal Claim \$ 585.90 28 Standardized Invoice SI05 Standardized Invoice \$ 17.64 \$ Invoice **MR05** \$ 349.23 \$ 30 Meeting With Regulators Meeting with Regulators Meeting 31 Consultant Overnight Per Diem COPD05 Overnight Night \$ 125.09 \$ Schedule Of Laboratory \$ 33 Commodity Laboratory (see task 33 total on Lab Schedule) Lab Schedule Maximums Consultant Incremental IMD05 \$ \$ 34 Incremental Mob/Demob Site 287.18 Mob/Demob 35 Cap Maintenance Plan CMP05 Cap Maintenance Plan Plan \$ 320.04 \$ 36 Change Order Request COR05 Change Order Request (cost cap exceedance requests) Change Order \$ 381.78 1 \$ 381.78 37 Vapor Point Installation & Sampling VIS05 \$ \$ Installation & Sampling (up to 5 points) Point 510.26 37 Vapor Point Installation & Sampling VIS10 Mob/Demob (up to 5 points) Site \$ 813.95 \$ Soil Remediation 23.485.02 Variance \$

Variance

## **Usual and Customary Standardized Invoice #25** January 2019 - June 2019



		TOTAL LAB CHARGES	######	TASK 33	0	\$	-	TASK 24	8	\$288.16
MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	т	OTAL	MAX COST	SAMPLES	TOTAL
WATER	W21	EDB Method 504	SAMPLE	\$ 95.45		\$	-	MAX COST	SAMPLES	TOTAL
SOILS	S1	GRO	SAMPLE	\$ 24.78		\$	-	\$ 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		\$	-	\$ 36.02	8	\$ 288.16
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		\$	-	TA	SK 24 TOTAL	\$ 288.16
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		\$	-			
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		\$	-	_		
				TAS	SK 33 TOTAL	\$	-			

RR-107a

#### Bid Estimate Sheet Ken Staude Property - Watertown, Wisconsin Excavation and Removal of Petroleum-Contaminated Soil

ITEM	<u>UNIT COST</u>		ESTIMATED TOTAL
PECFA-ELIGIBLE ITEMS			
Mobilization (lump sum per mobilization = \$	( 00,00	(lump sum)	s_1000_00
Excavate and stockpile clean soil on $(\text{per ton} = \$, 75)$	site	(220 tons)	\$ 605.0D
Excavate/load soil/haul soil (per ton = $\$$ $5$ $00$	)	(400 tons)	\$ 32-00.00
Provide backfill soil material (source (per ton = $\frac{12.75}{75}$	e of your choice)/compact )	(400 tons)	\$ 3100.0D
Backfill and compact stockpiled soil (per ton = $\frac{9}{75}$	)	(220 tons)	<u>\$ 1045.00</u>

Total Eligible Site Work Cost \$ 10,950-00

Koplin Excavating and Grading, Inc.

Sunis Haman

Travis Hamann