

SEYMOUR ENVIRONMENTAL SERVICES, INC.

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

January 30, 2020

Mr. Caroline Rice
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Madison, Wisconsin 53711

RE: Cost Cap Exceedance Request- Parish Farm
2366 Pleasant Hill Road
Muscodia, Wisconsin
PECFA ID: 53573-9999-66
BRRTS: 03-53-001871

Ms. Rice:

Thanks for your time discussing this site. Seymour Environmental Services, Inc. (Seymour) is submitting this budget request for excavation and off-site disposal of accessible contaminated soil at the site. We are proposing to remove the contaminated soils to bedrock (15 and ~22 feet below grade) across an area of ~800 square foot. This represents the majority of the soil exceeding groundwater pathway RCLs and all of the heavily impacted soil. The proposed remediation includes excavation of 300 tons of clean overburden and 500 tons of petroleum impacted soil. We do not plan to excavate all of the impacted soil. Some of the deeper samples with RCL exceedances were collected from the weathered bedrock and are deeper than can be economically excavated.

During the remediation we will need to abandon monitoring well MW-1 since it is in the footprint of the excavation. That well extends to ~45 feet below grade. We were only able to use hollow-stem augers to advance the borehole for MW-1 to 38 feet and then had to switch to air rotary methods. During the early portion of the site assessment (2013-15) groundwater samples were collected from MW-1 on 5 occasions. No analytes were detected in the groundwater at MW-1 so it may not require replacement. Since there are no receptors near the site it does not seem necessary to install another monitoring well. However, if another well is required it may be more useful to install the new well about 70 feet south southeast of the former USTs. This location is downgradient of the identified groundwater contamination and no monitoring well is located in that direction to delimit the extent of contamination. The cost for this item is not included in this request.

We understand that we are required to request a variance to the U&C schedule since the excavation costs exceed \$10,000. A bid for the anticipated soil remediation subcontractor activities was obtained from Koplin Excavating and Grading. This bid was used to develop the cost for the proposed soil remediation. Details of the remediation costs for the variance items are summarized in the following table.

Soil Remediation Costs			
ITEM	Amount	Unit Cost	Total
Contractor Mobilization	1	\$4,000	\$4,000.00
Excavate and Stockpile Clean Soil	300 tons	\$2.75	\$825.00
Excavate/load/haul soil to Deer Track	500 tons	\$21.75	\$10,875.00
Provide and Place Backfill	500 tons	\$12.75	\$6,375.00
Backfill and Compact Stockpiled Soil	300	\$4.75	\$1,425.00
Tipping Fees-Deer Track Park landfill	500 ton	\$26.50	\$13,250.00
Profile Fee			\$100.00
Total Commodity Costs			\$36,850.00
Consultant Oversight (contaminated)	24	94.13	\$2,259.12
Consultant Oversight (overburden)	4	94.13	\$376.52
Total Consultant Cost			\$2,635.64
Total Variance Excavation Cost			\$39,485.52

All other planned remediation and post-remedial activities proposed at the site can be completed for the U&C rates. Remediation activities include consultant mobilization, per diems, abandoning the monitoring well, analysis of soil samples from the excavation for PVOCs+naphthalene, and cost request. Post remedial activities include 2 rounds of post-remedial groundwater monitoring, analysis of groundwater samples from the monitoring wells for PVOCs+naphthalene+1,2 DCA, collection and analysis (VOCs) of one water sample from the private well at the property if possible, and preparation of a letter report describing the post-remedial groundwater monitoring results. I also included the cost to conduct a potable well reconnaissance and perform hydraulic testing on the aquifer at the site.

We will submit the remediation report and include the information about the well reconnaissance once we have the results of the confirmation sampling. The non-variance costs are summarized on the attached U&C Invoice and total \$7,695.53 for a total of \$47,178.53 for the entire request.

We are also requesting a waiver for the 3-bid commodity requirement.

Please call me if you have any questions at 608-838-9120 or 608-225-9407 (cell) with any questions or if I can provide any additional information.

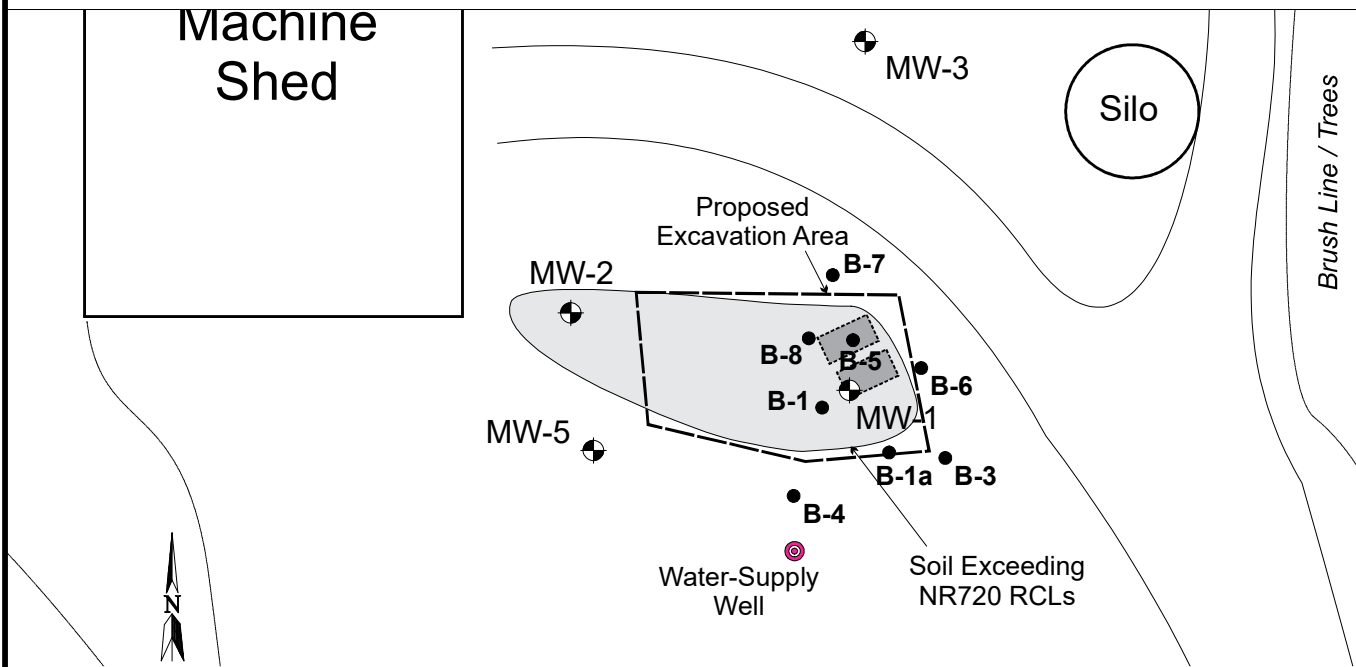
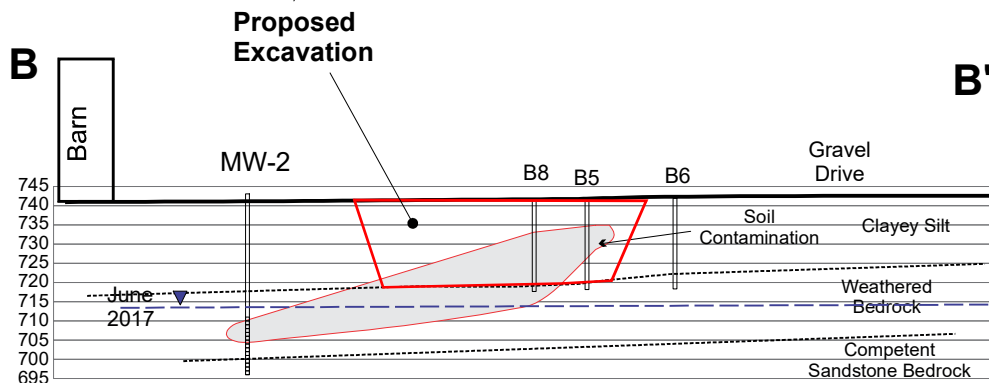
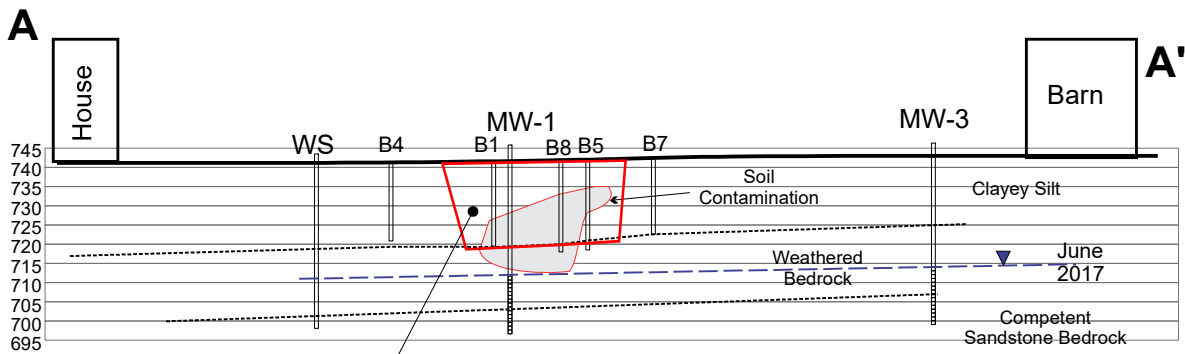
Thank You,



Robyn Seymour, P.G.

Attachments: Proposed Excavation Map
PECFA U&C Cost Table
Excavating Contractor Proposal

cc: Cecil Parish



LEGEND

- B-5
- - Geoprobe (July 2012)
- MW-2
- ⊙ - Monitoring Well

0' 30' 60'

1 INCH = 30 FEET
SCALE IS APPROXIMATE

FILE/PATH: C:\PROJECTS\PARISH\Layout-ProposedExcavation2019.cdr
DATE: 11/10/2019
PREPARED: MDF APPROVED:
SOURCE:
RICHLAND COUNTY PUBLIC MAPPING
FIELD MEASUREMENTS

SEYMOUR
ENVIRONMENTAL
SERVICES, INC.

PROPOSED REMEDIAL EXCAVATION
Cecil Parish Farm
2366 Pleasant Hill Road
Muscodia, Wisconsin

FIGURE

1

Usual and Customary Standardized Invoice #27

January 2020 - June 2020



RR-113a-E

PECFA #: 53573-9999-66
 BRRTS #: 03-53-001871
 Site Name: Cecil Parish
 Site Address: 2366 Pleasant Hill Rd, Muscoda

Vendor Name: Seymour Environmental
 Invoice #: Cost Request
 Invoice Date:
 Check #:

U&C Total \$ 8,451.77
 Variance to U&C Total \$ 39,485.64
 Grand Total \$ 47,937.41

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
1	GW Sampling		GS05	Sample Collection	Well	\$ 74.62	11	\$ 820.82
1	GW Sampling		GS25	Primary Mob/Demob	Site	\$ 690.92	2	\$ 1,381.84
4	Waste Disposal	Consultant	WD05	Consultant Coordination	Site	\$ 141.24	1	\$ 141.24
4	Waste Disposal	Commodity	WD10	GW Sample and/or Purge	Drum	\$ 43.37	2	\$ 86.74
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	\$ 316.47	2	\$ 632.94
6	Letter Report/Addendum		LRA05	Letter Report/Addendum	Letter	\$ 1,070.47	1	\$ 1,070.47
8	Well Abandonment	Consultant	WAB05	Coordination	Site	\$ 162.86	1	\$ 162.86
8	Well Abandonment	Consultant	WAB10	Water column < 30 ft	Ft	\$ 2.60	50	\$ 130.00
8	Well Abandonment	Consultant	WAB20	Bentonite Pellets (50lb bag - 1/4" pellet)	Bag	\$ 11.14	3	\$ 33.42
11	Potable Well Field Reconnaissance		PWFR05	Potable Well Field Reconnaissance	Site	\$ 601.01	1	\$ 601.01
19	Hydraulic Conductivity Testing		HCT05	Hydraulic Conductivity Testing	Well	\$ 60.35	1	\$ 60.35
19	Hydraulic Conductivity Testing		HCT10	Primary Mob/Demob	Site	\$ 718.07	1	\$ 718.07
24	Limited Soil Excavation	Consultant	LSE10	Primary Mob/Demob	Site	\$ 915.11	1	\$ 915.11
24	Limited Soil Excavation	Commodity	LSE13	Laboratory (see task 24 total on Lab Schedule)	Lab Schedule		10	\$ 371.00
31	Consultant Overnight Per Diem		COPD05	Overnight	Night	\$ 125.09	2	\$ 250.18
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule			\$ 386.69
34	Consultant Incremental Mob/Demob		IMD05	Incremental Mob/Demob	Site	\$ 295.80	1	\$ 295.80
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$ 393.23	1	\$ 393.23

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
Variance	Contractor Mobilization					\$ 4,000.00	1	\$ 4,000.00
Variance	Excavate and Stockpile Clean Soil				ton	\$ 2.75	300	\$ 825.00
Variance	Excavate/load/haul soil to Deer Track				ton	\$ 21.75	500	\$ 10,875.00
Variance	Provide and Place Backfill				ton	\$ 12.75	500	\$ 6,375.00
Variance	Backfill and Compact Stockpiled Soil				ton	\$ 4.75	300	\$ 1,425.00
Variance	Tipping Fees- Deer Track Park Landfill				ton	\$ 26.50	500	\$ 13,250.00
Variance	Profile Fee							\$ 100.00
Variance	Consultant Oversight (contaminated)				hour	\$ 94.13	24	\$ 2,259.12
Variance	Consultant oversight (overburdan)				hour	\$ 94.13	4	\$ 376.52

Usual and Customary Standardized Invoice #27

January 2020- June 2020



RR-0113a-E

TOTAL LAB CHARGES	#####	TASK 33	11	#####	TASK 24	10	\$ 371.00
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MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL	MAX COST	SAMPLES	TOTAL
WATER	W4	PVOC + Naphthalene	SAMPLE	\$ 31.26	10	\$ 312.60			
WATER	W5	VOC	SAMPLE	\$ 74.09	1	\$ 74.09			
WATER	W21	EDB Method 504	SAMPLE	\$ 98.31		\$ -	MAX COST	SAMPLES	TOTAL
SOILS	S1	GRO	SAMPLE	\$ 25.52		\$ -	\$ 25.52		\$ -
SOILS	S2	DRO	SAMPLE	\$ 31.26		\$ -	\$ 31.26		\$ -
SOILS	S3	GRO/PVOC	SAMPLE	\$ 28.98		\$ -	\$ 28.98		\$ -
SOILS	S4	PVOC	SAMPLE	\$ 26.60		\$ -	\$ 26.60		\$ -
SOILS	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	\$ 50.94		\$ -	\$ 50.94		\$ -
SOILS	S6	PVOC + Naphthalene	SAMPLE	\$ 37.10		\$ -	\$ 37.10	10	\$ 371.00
SOILS	S7	VOC	SAMPLE	\$ 74.09		\$ -	\$ 74.09		\$ -
SOILS	S8	SPLP Extraction VOC only	SAMPLE	\$ 52.13		\$ -	\$ 52.13		\$ -
SOILS	S9	PAH	SAMPLE	\$ 75.17		\$ -	\$ 75.17		\$ -
SOILS	S10	Lead	SAMPLE	\$ 12.76		\$ -	\$ 12.76		\$ -
SOILS	S11	Cadmium	SAMPLE	\$ 15.04		\$ -	TASK 24 TOTAL		\$ 371.00
TASK 33 TOTAL						\$ 386.69			

Bid Estimate Sheet
Cecil Parish Property - Muscoda, Wisconsin
Excavation and Removal of Petroleum-Contaminated Soil

<u>ITEM</u>	<u>UNIT COST</u>	<u>ESTIMATED TOTAL</u>
PECFA-ELIGIBLE ITEMS		
Mobilization (lump sum per mobilization = \$ <u>4000.00</u>)	(lump sum)	\$ <u>4000.00</u>
Excavate and stockpile clean soil onsite (per ton = \$ <u>2.75</u>)	(300 tons)	\$ <u>825.00</u>
Excavate/load soil/haul soil to Deer Track (per ton = \$ <u>21.75</u>)	(500 tons)	\$ <u>10,875.00</u>
^A Provide and place backfill soil material (source of your choice) (per ton = \$ <u>12.75</u>)	(500 tons)	\$ <u>6375.00</u>
Backfill and compact stockpiled soil (per ton = \$ <u>4.75</u>)	(300 tons)	\$ <u>1425.00</u>
Total Eligible Site Work Cost \$		<u>23,500.00</u>

Koplin Excavating and Grading

Travis Hamman
Travis Hamman