



Bid Waiver Form

Revised 02/2020

Short Description of Goods/Services	To perform soil and groundwater contamination mitigation
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Date	March 13, 2020
Department	Waste and Renewables
Name	John Welch
Email	welch@countyofdane.com
Phone	608-516-4154
Purchasing Officer	Pete Patten

Vendor Name	SCS Engineers
Vendor MUNIS #	21897
Requisition #	1263
Requisition Year	2020
Total Cost	\$ 98,550.00

A VENDOR QUOTE MUST BE ATTACHED TO THE WAIVER FOR APPROVAL

Provide a detailed description of the goods/services intended to be purchased:

To have SCS perform soil and groundwater contamination mitigation.



Bid Waiver Form

Revised 02/2020

Procurement Exception List (place an "X" next to any that apply)	
	Emergency Procurement
X	Only one vendor possesses the unique and singularly available ability to meet the Department's requirements
	Unique and specific technical qualifications are required
	A special adaptation for a special purpose is required
	A unique or opportune buying condition exists

Provide a detailed explanation as to why the competitive bidding (RFB/RFP) process cannot be used. Also provide a detailed justification in relation to the Procurement Exception chosen:
<p>SCS Engineers has performed multiple phases of the project,</p> <p>the issue better than any other firm would. Bringing in a new consultant at this stage would cost more money and be less efficient.</p> <p>5% deductible is applied, \$82,263.12, after the</p>

Bid Waiver Approval (Purchasing Use Only)

Under \$37,000 Controller Approval	Date
\$37,000 or over Personnel & Finance Committee Approval Date	

**Cost Estimate - SCS Engineers
Rowe - Vapor Mitigation
SCS Project No. 25213053.06**

Task Description	Project Director	Senior Project Manager 1	Senior Project Manager 1	Senior Project Professional 1	Associate Staff Professional	Designer	Administrative Assistant	Administrative Assistant	Total Hours	Subtotal	Exp	Subs	U&C Rates	Total	Task Total Rounded to \$10
	Huber \$190	Oelkers \$155	Langdon \$155	Gilkey \$120	Watson \$100	Peterson \$95	Newell \$67	Eveland \$67							
PECFA Labor Category	Principal	Project Manager	Senior Professional	Staff Professional	Field Professional	Drafting	Word Processor	Clerical							
PECFA Reimbursable Rate	\$138.00	\$112.96	\$112.96	\$94.13	\$81.58	\$69.03	\$43.93	\$43.93							
Phase 1 – Underdrain and Sub-Slab Depressurization															
Coordination	1	20					2	1	24	\$2,529				\$2,529	
Local Permits				4			1	0.5	5.5	\$442	\$200			\$642	
Oversight				60	16				76	\$6,953				\$6,953	
Zander Solutions - Underdrain and Sumps									0	\$0		\$23,550		\$23,550	
Zander Solutions - Blower and Piping (less connections for dimple board)									0	\$0		\$2,000		\$2,000	
Zander Solutions - Crack Sealing									0	\$0		\$2,850		\$2,850	
Contaminated Soil Disposal (Royal Container) 30 tons									0	\$0		\$1,400		\$1,400	
Concrete Disposal (Royal Container) 5 tons									0	\$0		\$330		\$330	
Ventilation Flex Duct (Global #T9F292595) 4 sections									0	\$0	\$280			\$280	
Frac tank delivery, demobilization, and rental (Rain For Rent) 20 days									0	\$0		\$1,760		\$1,760	
Water Disposal (Covanta) Three trips & 6,000 gallons									0	\$0		\$4,949		\$4,949	
Poly Tank Rental 10 days @ \$75/day									0	\$0	\$750			\$750	
WDPES Permit Submittal		3		8				3	14	\$1,224				\$1,224	
Discharge Sampling (U&C)									0	\$0			\$1,917	\$1,917	
Discharge Sampling Non-U&C Parameters (oil & grease, Cl, TSS)									0	\$0		\$207		\$207	
Documentation Report	1	8	1	12		2		3		\$2,554				\$2,554	
Subtotal	2	31	1	84	16	2	3	7.5	119.5	\$13,702	\$1,230	\$37,046	\$1,917.21	\$53,895	\$53,900
Phase 2 - Vapor Barrier and Drainage Sheet Depressurization System															
Coordination	0.5	8						2	10.5	\$1,061				\$1,061	
Oversight				30					30	\$2,824				\$2,824	
Zander Solutions - Vapor Barrier and Drainage Mat									0	\$0		\$4,960		\$4,960	
Zander Solutions - Vent Connections to Dimple Board												\$500		\$500	
Sergenians Floor Covering (Click Floor System) 2,700 SF @ \$6.75/SF installed									0	\$0		\$18,225		\$18,225	
Documentation Report	0.5	4	1	6		1		3		\$1,399				\$1,399	
Subtotal	1	12	1	36	0	1	0	5	40.5	\$5,284	\$0	\$23,685	\$0	\$28,969	\$28,970
Task 3 – Follow up Groundwater & Discharge Monitoring															
U&C Schedule									0	\$0			\$3,661	\$3,661	
Discharge Sampling Non-U&C Parameters (oil & grease, Cl, TSS)									0	\$0		\$69		\$69	
Subtotal	0	0	0	0	0	0	0	0	0	\$0	\$0	\$69	\$3,661	\$3,730	\$3,730
Total PECFA Reimbursable Budget	3	43	2	120	16	3	3	12.5	202.5	\$18,986	\$1,230	\$60,800	\$5,577.97	\$86,594	\$86,590
Cost Increment above PECFA	\$156.00	\$1,807.72	\$84.08	\$3,104.40	\$294.72	\$77.91	\$69.21	\$288.38	202.5	\$5,882	\$6,080	\$6,080	Ineligible	\$11,960	\$11,960
* Note: PECFA ineligible expenses include mileage and field equipment rental that PECFA assumes are built into hourly staff rates														Net Total	\$98,550

I:\25213053.06\Deliverables\Mitigation Change Order\[Mitigation Variance Budget_2017 rates.xlsx]Labor

03/25/20

March 12, 2020
File No. 25213053.06

Mr. Lawrence Lester
Wisconsin Department of Natural Resources
3711 Fish Hatchery Road
Fitchburg, WI 53711

Subject: PECFA Change Order Request – Vapor Mitigation
Former Rowe Property
217 Main Street, Cambridge, Wisconsin
BRRTS #: 03-13-558384 and 03-13-002673 (closed)
PECFA #: 53523-9999-17

Dear Mr. Lester:

On behalf of Dane County Public Works, SCS Engineers (SCS) is requesting additional Petroleum Environmental Cleanup Fund Award (PECFA) funding for implementation of vapor mitigation measures at the former Rowe Property in Cambridge, Wisconsin. The vapor mitigation approach was developed in consultation with the Wisconsin Department of Natural Resources (WDNR) and reflects the consensus from our on-site meeting on March 2, 2020. This Change Order includes a scope of work and estimated costs for sub-slab drainage and depressurization, retrofitting a vapor barrier above the existing basement floor, groundwater monitoring, and discharge permitting.

BACKGROUND

The WDNR case file for the Rowe property was originally opened in 1995 in response to the discovery of a leaking 500-gallon gasoline underground storage tank (UST) in the Water Street (County Highway B) right-of-way (ROW) adjacent to the property. The site was closed with residual soil and groundwater contamination in 2005. The site was re-opened in 2012 following the discovery of a separate area of contamination during a Phase 2 Environmental Site Assessment, and closure was subsequently denied pending assessment of the potential for vapor intrusion from the previously closed UST area. Vapor sampling in 2014 and 2015 confirmed that concentrations of benzene in sub-slab vapor, below the basement floor, exceed the non-residential sub-slab vapor risk screening level (VRSL). Benzene was also detected in the basement indoor air and outdoor ambient air at concentrations greater than both the residential and non-residential vapor action levels (VALs).

In response to WDNR's request for source remediation, SCS submitted a Remedial Action Options Report (RAOR) to WDNR on May 11, 2018. WDNR approved the budget for the proposed remediation alternative, consisting of in-situ treatment with bioavailable absorbent media (BAM) on July 31, 2018. Following permitting and installation and sampling of wells for groundwater baseline and post-treatment monitoring, Orin Technologies implemented the BAM injection in late April 2019.

High water table conditions prevented collection of sub slab vapor samples following the BAM injection to verify the effectiveness of BAM in reducing the potential for vapor migration into the basement. In lieu of sub-slab vapor samples, SCS collected three rounds of groundwater samples collected from well points installed through the basement floor to facilitate groundwater withdrawal



during the BAM injection process, in October 2019, December 2019, and February 2020. These samples showed concentrations of petroleum contaminants greater than NR 140 enforcement standards, including benzene as great as to 300 micrograms per liter ($\mu\text{g}/\text{l}$) and naphthalene as great as 430 $\mu\text{g}/\text{l}$, remained in the groundwater just below the basement floor. Based on these results, WDNR and SCS agreed that additional measures are necessary to directly address the migration of petroleum vapors into the basement.

CURRENT CONDITIONS

Groundwater analytical results are summarized in **Table 1**. Sample locations are shown on **Figure 1**. Petroleum volatile organic compound (PVOC) concentrations in the basement “extraction wells” EW-1 and EW-3 have been relatively consistent for the last two sample rounds. EW-2 has shown an increasing trend in benzene, but not in any of the other detected PVOC constituents.

The water levels measured in these three wells during recent sampling rounds have been either above the bottom of the concrete basement floor slab, or within a few inches below the bottom of the floor slab (see **Table 2**). All wells can easily be bailed dry. Water level recovery to near static conditions ranges from approximately 5 to 10 minutes in EW-1 to more than an hour in EW-3.

The water in basement Sump 1, which is essentially just a bucket in a hole excavated into the gravel floor in the room at the north end of the basement, contained only a trace of naphthalene in the February 2020 sample round and showed no detectable contamination in three previous sampling rounds going back to 2011.

The water in Sump 2 contained only traces of benzene and naphthalene in the recent sample. These results are consistent with the most recent previous sample collected in July 2015. Sump 2 is completely lined with concrete and is not directly open to the soil below the floor. This sump functions more like a floor drain with a lift pump instead of a typical sump pump in the sense that the water enters the sump only by running across the basement floor. Sump 2 is only receiving surface water that runs down the exterior ramp and across the threshold of the basement door and water that seeps up through the cracks in the basement floor when the water table is high.

Both sumps appear to discharge to the sanitary sewer. Based on the recent sampling results, both sumps are discharging water which does not exceed NR 140 preventive action limits (PALs).

APPROACH

There are two primary issues to be addressed: occasional entry of petroleum-contaminated groundwater into the basement, and migration of petroleum vapors through the floor into the basement. WDNR previously expressed concern about the potential need for ongoing treatment of contaminated groundwater if a permanent sub-slab drainage system is installed. Based on this concern, they asked that we consider installing a venting layer and vapor barrier above the existing basement floor to prevent vapor migration into the basement.

Based on the consensus at the recent on-site meeting, SCS is proposing a two phased approach. Phase 1 consists of the installation of an underdrain system with the capacity for sub-slab depressurization. Phase 2 consists of constructing a vapor barrier with a “drainage layer” over the existing floor.

The under drain pipes will be connected to a dedicated, sealed sump that is connected to an externally-vented depressurization blower. The layout of these features is shown on **Figure 2**. The initial groundwater discharge from the underdrain system will be tested and collected for off-site disposal. If the contaminant concentrations after initial pumping from the underdrain are suitable for surface water discharge without further treatment, then this sump will be connected to the storm sewer under a Wisconsin Pollutant Discharge Elimination System (WPDES) permit for discharge to Koskonong Creek. We anticipate that as the cone of depression created by the underdrain expands, the hot spot concentrations under the floor will be diluted to levels below permit criteria for benzene, naphthalene, total benzene, toluene, ethylbenzene, and xylenes. Furthermore, as groundwater flows through the emplaced BAM, the dissolved petroleum will be absorbed by BAM and become immobilized pending biodegradation within the BAM. With the underdrain functioning, the blower on the sump will be able to propagate negative pressure into the dewatered area underneath the floor slab and prevent the migration of vapor into the basement.

If the discharge from the underdrain does not meet surface water quality criteria, the underdrain sump will not be pumped to the storm drain. Instead we will proceed directly to Phase 2. A dimpled polyethylene drainage sheet will be placed on the existing floor to allow for depressurization of a thin zone underneath the vapor barrier that is laid on top of the drainage sheet. Sump 2 and a reconstructed Sump 1 that is sealed into the new concrete floor to be installed in the “coal room” will collect water that makes its way into the basement and accumulates underneath the vapor barrier. The drainage sheet underneath the vapor barrier will be depressurized using the blower via pickup points at the two sumps and at two additional intermediate pickup points installed into the drainage sheet. Water entry into the basement will be minimized by creating a solid floor in the coal room, sealing cracks and openings in the basement wall against water infiltration, and capturing surface drainage water currently flowing in under the basement ramp door with a trench drain installed outside the door opening.

SCOPE OF WORK

Phase 1 - Underdrain and Sub-Slab Depressurization System

- Coordinate with contractors and secure local permits, if any are necessary.
- Remove concrete for a width of approximately 1.5 feet in the areas of the proposed drain trenches.
- Provide positive ventilation in the basement when the floor is open and when engine-powered equipment is in use.
- Excavate soil from below the floor in the trenches to an average depth of no more than 1.5 feet and excavate soil in the coal room to accommodate the thickness of a concrete floor and gravel drainage layer.
- Install 4-inch diameter drain pipe in the trenches, sloped to a collection sump at the southeast corner of the basement. Backfill the trenches with clear stone for drainage.
- Re-install a fully lined sump in the coal room to replace unlined Sump 1.

- Replace the concrete floor above the trenches and install a new floor in the coal room.
- Install a trench drain across the bottom of the basement access ramp. Connect this drain to its own lift pump with a discharge to the storm drain along Water Street or an alternate surface discharge location.
- Seal existing cracks and openings in basement walls with patching mortar and/or injected epoxy.
- Seal the underdrain sump and connect it to an externally vented “radon” blower.
- Provide necessary electrical connections for sump pumps and blowers.
- Manage and properly dispose of contaminated soil and water generated during trenching operations.
- Test pump the underdrain system and collect three samples for WPDES permit parameters.
- Verify negative pressure field extension below the floor with blower operating during test pumping.
- Apply for WPDES permit, if appropriate.
- Document system installation and proper management of contaminated materials.
- Prepare maintenance plan for building owner.

Phase 2 - Vapor Barrier and Drainage Sheet Depressurization System

- Install Delta-FL or similar dimpled poly “drainage” sheet and tape seams. Ensure continuity from the sheet to Sumps 1 and 2.
- Add vapor depressurization pickup points to Sumps 1 and 2 and seal two additional pickup pipes into the drainage sheet with flanged connections at two intermediate locations.
- Install Stego 15 mil vapor barrier or similar product above the drainage sheet, seal penetrations, and seal the vapor barrier to the wall.
- Connect pickup points to blower and verify negative pressure between the floor and vapor barrier with blower operating.
- Install floating “waterproof” vinyl plank floor or similar alternate to protect vapor barrier. Incremental cost of any upgraded floor finish will be paid by building owner.
- Confirm proper operation of blower and manometer indicators installed on pickup risers.
- Document system operation and provide maintenance plan for building owner.

Groundwater Sampling

Following the completion of Phase 1 or Phase 2 work, SCS will collect one round of groundwater samples from the five groundwater monitoring wells, three basement "extraction wells," and the underdrain sump. SCS will submit a letter report documenting the vapor mitigation and recommend either additional monitoring or case closure as appropriate.

ESTIMATED PROJECT COSTS

We estimate a total PECFA-eligible cost of \$86,593 including \$5,577.97 in Usual and Customary Cost Schedule (UCCS) and \$81,014.79 in variance costs.

Variance to UCCS

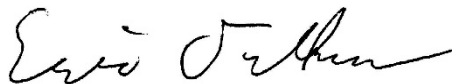
Most of the project scope falls outside of the routine tasks included in the UCCS. We are therefore requesting a variance to the UCCS for the remediation costs not included in the UCCS. Contractor cost estimates are provided in **Attachment A**. A breakdown of variance cost items corresponding to the tasks listed above is provided at the bottom of the attached UCCS invoice/budget sheet (**Attachment B**).

Usual and Customary Cost Schedule

The discharge and monitoring well groundwater sampling costs are itemized at standard UCCS rates on the attached UCCS invoice/budget sheet (**Attachment B**).

Please contact Eric at (608) 216-7341 if you have any questions regarding this Change Order.

Sincerely,



Eric Oelkers, PG
Senior Project Manager/Hydrogeologist
SCS Engineers



Robert Langdon
Senior Project Manager/Hydrogeologist
SCS Engineers

EO/jsn/REL

cc: John Welch, Dane County

- Encl. Table 1 – Water Level Summary
Table 2 – Groundwater Analytical Results Summary – VOCs
Figure 1 – Sample Locations
Figure 2 – Site Plan with Proposed Vapor Mitigation Features
Attachment A – Contractor Estimates
Attachment B – UCCS and Variance Cost

Tables

- 1 Water Level Summary
- 2 Groundwater Analytical Results Summary – VOCs

Table 1. Water Level Summary
Former Rowe Property / SCS Engineers Project #25213053.06

Raw Data	Depth to Water in feet below top of well casing							
	MW10	MW11	MW12	MW13	MW14	EW1	EW2	EW3
Measurement Date								
November 26, 2018	6.61	7.05	6.82	1.64	4.45	NI	NI	NI
December 4, 2018	6.15	6.62	6.39	1.20	3.75	NI	NI	NI
May 13, 2019	6.40	6.44	6.20	0.90	3.44	NM	NM	NM
October 25, 2019	6.35	6.80	6.54	1.30	3.84	0.94	0.66	0.82
December 13, 2019	NM	NM	NM	NM	NM	1.05	0.75	0.96
February 3, 2020	NM	NM	NM	NM	NM	1.14	0.98	1.03

Ground Water Elevation in feet above mean sea level (amsl)								
Well Number	MW10	MW11	MW12	MW13	MW14	EW1	EW2	EW3
Top of Casing Elevation (feet amsl)	828.50	828.94	828.67	823.42	825.92	823.09	822.79	822.97
Floor Elevation						822.30	822.29	822.39
Screen Length (ft)	10	10	10	10	10	3.50	3.50	3.50
Total Depth (ft from top of casing)	15.15	14.90	14.99	13.10	15.02	5.11	4.63	4.82
Top of Well Screen Elevation (ft)	823.35	824.04	823.68	820.32	820.90	821.48	821.66	821.65
Measurement Date								
November 26, 2018	821.89	821.89	821.85	821.78	821.47	NI	NI	NI
December 4, 2018	822.35	822.32	822.28	822.22	822.17	NI	NI	NI
May 13, 2019	822.10	822.50	822.47	822.52	822.48	NM	NM	NM
October 25, 2019	822.15	822.14	822.13	822.12	822.08	822.15	822.13	822.15
December 13, 2019	NM	NM	NM	NM	NM	822.04	822.04	822.01
February 3, 2020	NM	NM	NM	NM	NM	821.95	821.81	821.94
Bottom of Well Elevation (ft)	813.35	814.04	813.68	810.32	810.90	817.98	818.16	818.15

Notes:
 NM = not measured
 NI = not installed
 The approximate elevation of the basement floor is 822.3 feet.

Created by: EO
 Last revision by: EO
 Checked by: JSN
 Proj Mgr QA/QC: EO

Date: 12/4/2018
 Date: 2/12/2020
 Date: 3/6/2020
 Date: 3/6/2020

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Table 2. Groundwater Analytical Results Summary - VOCs
Former Rowe Property / SCS Engineers Project #25213053.06/T6
 (Results are in µg/L)

Sample	Date	Lab Notes	DRO (mg/l)	GRO	Methane	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Naphthalene	Other VOCs
Sump-1	6/16/2011	--	NA	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.40	<0.50	<0.25	Chloromethane 0.30 J
	12/5/2014	--	NA	NA	NA	<0.074	<0.13	<0.11	<0.068	<0.32	<0.24	<0.16	NA
	7/23/2015	--	NA	NA	NA	<0.20	<0.19	<0.17	<0.58	<0.34	<0.17	<0.21	NA
	2/3/2020	--	NA	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	0.87 J1,B	NA
Sump-2	6/16/2011	--	NA	NA	NA	<u>11</u>	<0.50	<0.50	<0.50	<0.40	<0.50	1.6 J	Chloromethane 0.44 J Isopropylbenzene 0.82 J n-Propylbenzene 0.81 J
	12/5/2014	--	NA	NA	NA	<u>3.2</u>	<0.13	<0.11	<0.068	<0.32	<0.24	<0.16	NA
	7/23/2015	--	NA	NA	NA	<u>0.83</u> J1	<0.19	<0.17	<0.58	<0.34	<0.17	<0.21	NA
	2/3/2020	--	NA	NA	NA	<u>0.32</u> J1	<0.18	<0.15	<0.22	<0.61	<0.39	0.52 J1,B	NA
VP-2	7/23/2015	--	NA	NA	NA	<u>160</u>	0.32 J1	1.1	<0.58	<0.34	0.17 J1	3.5 J1	NA
GB 1-GW	11/20/2017	--	5.4	1,700	2,100	<u>98</u>	4.2	5.4	4.4	5.0	4.1	<u>79</u>	NA
GB 2-GW	11/20/2017	--	NA	NA	NA	<u>3.6</u>	<0.37	0.65	<0.58	0.59	1.5	<u>39</u>	NA
GB 3-GW	11/20/2017	--	0.21	150	4.0	<0.36	<0.37	<0.33	<0.58	1.52	<0.24	2.7 J	NA
GB 4-GW	11/20/2017	--	4.5	740	2,000	<u>5.8</u>	<0.37	<0.33	<0.58	2.6	<0.24	<u>120</u>	NA
GB 5-GW	11/20/2017	(1)	1,700	NA	NA	<0.36	<0.37	<0.33	<0.58	<0.60	<0.24	9.5	NA
GB 6-GW	11/20/2017	--	NA	NA	NA	<u>49</u>	0.64	4.4	15	<0.60	7.3	6.5	NA
GB 7-GW	11/20/2017	--	NA	NA	NA	<u>3.6</u>	<0.37	<0.33	1.1 J	<0.60	1.9	2.9 J	NA
MW-10	12/4/2018	--	NA	NA	NA	<u>15</u>	4.2	4.8	2.3	2.2	3.6	<u>82</u>	NA
	5/13/2019	(2)	NA	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	NA	NA
	10/25/2019	--	NA	NA	NA	0.16 J	<0.18	1.5	0.9 J	<0.61	<0.39	0.34 JB	NA
MW-11	12/4/2018	--	NA	NA	NA	<u>37</u>	5.0	3.3	7.3	1.3	5.2	<u>140</u>	NA
	5/13/2019	--	NA	NA	NA	<u>54</u>	14 F1	2.0	14	1.1	<0.39	NA	NA
	10/25/2019	--	NA	NA	NA	<u>38</u>	9.9	2.1	17	2.48 J	<0.39	<u>52</u>	NA
MW-12	12/4/2018	--	NA	NA	NA	<u>3.5</u>	<0.37	<0.33	2.6	6.3	0.46 J	<u>320</u>	NA
	5/13/2019	--	NA	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	NA	NA
	10/25/2019	--	NA	NA	NA	<0.73	<0.92	<0.76	<1.1	<3.1	<2.0	<1.7	NA
MW-13	12/4/2018	--	NA	NA	NA	<u>9.3</u>	<0.37	1.1	1.3 J	2.3	3.3	<u>66</u>	NA
	5/13/2019	--	NA	NA	NA	<u>0.89</u>	<0.18	<0.15	0.26 J	<0.61	<0.39	NA	NA
	10/25/2019	--	NA	NA	NA	<u>11</u>	<0.18	0.5	0.59 J	<0.61	<0.39	<u>22</u>	NA

Table 2. Groundwater Analytical Results Summary - VOCs
Former Rowe Property / SCS Engineers Project #25213053.06/T6
 (Results are in µg/L)

Sample	Date	Lab Notes	DRO (mg/l)	GRO	Methane	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Naphthalene	Other VOCs
MW-13 dup	12/4/2018	--	NA	NA	NA	<u>9.5</u>	<0.37	1.3	2.0	2.3	3.5	<u>52</u>	NA
MW-14	12/4/2018	--	NA	NA	NA	<u>17</u>	<0.37	12	27	10.1	2.8	<u>51</u>	NA
	5/13/2019	--	NA	NA	NA	<u>3.6</u>	0.3 J	0.69	9.8	1.74 J	<0.39	NA	NA
	10/25/2019	--	NA	NA	NA	<u>2.6</u>	0.24 J	0.43 J	10	1.24 J	<0.39	<u>20</u>	NA
EW-1	10/25/2019	--	NA	NA	NA	<u>300</u>	<u>320</u>	30	<u>410</u>	54	<0.39	<u>430</u>	NA
	12/13/2019	--	NA	NA	NA	<u>250</u>	<u>290</u>	27	370	48.4	<0.39	<u>420</u>	NA
	2/3/2020	--	NA	NA	NA	<u>290</u>	<u>330</u>	31	<u>430</u>	49.9	<0.39	<u>340</u> B	NA
EW-2	10/25/2019	--	NA	NA	NA	<u>42</u>	0.49 J	0.57	1.1	<0.61	<0.39	<u>29</u>	NA
	12/13/2019	--	NA	NA	NA	<u>76</u>	0.81	0.71	1.5	<0.61	<0.39	<u>50</u>	NA
	2/3/2020	--	NA	NA	NA	<u>120</u> F1	0.49 J1	0.66	1.0	<0.61	<0.39	<u>33</u> B	NA
EW-3	10/25/2019	--	NA	NA	NA	<u>4.8</u>	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA
	12/13/2019	--	NA	NA	NA	<u>29</u>	<0.18	0.41 J1	0.54 J	<0.61	<0.39	<u>16</u>	NA
	2/3/2020	--	NA	NA	NA	<u>31</u>	<0.18	0.40 J1	<0.22	<0.61	<0.39	<u>14</u> B	NA
Trip Blank	6/16/2011	--	NA	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.40	<0.50	<0.25	NA
	7/23/2015	--	NA	NA	NA	<0.20	0.19 J1	<0.17	<0.58	<0.34	<0.17	<0.21	NA
	11/20/2017	--	NA	NA	NA	<0.36	<0.37	<0.33	<0.58	<0.60	<0.24	<2.4	NA
	12/4/2018	--	NA	NA	NA	<0.36	<0.37	<0.33	<0.58	<0.60	<0.24	<2.4	NA
	10/25/2019	--	NA	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA
	12/13/2019	--	NA	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA
	2/3/2020	--	NA	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	0.50 J1,B	NA
NR 140 Enforcement Standards (ESs)			NE	NE	NE	5	700	800	2,000	480	60	100	Chloromethane 30
NR 140 Preventive Action Limits (PALs)			NE	NE	NE	0.5	140	160	400	96	12	10	Chloromethane 3
WPDES Surface Water Discharge Limits (monthly average)			NE	NE	NE	50	Total BETX 750 µg/L			NE	NE	70	

Table 2. Groundwater Analytical Results Summary - VOCs
Former Rowe Property / SCS Engineers Project #25213053.06/T6
(Results are in µg/L)

Abbreviations:

µg/L = micrograms per liter or parts per billion (ppb)
TMBs = 1,2,4- and 1,3,5-trimethylbenzenes
NE = Not Established

DRO = Diesel Range Organics
GRO = Gasoline Range Organics

MTBE = Methyl-tert-butyl ether
NA = Not Analyzed

VOCs = Volatile Organic Compounds
-- = Not Applicable

Notes:

NR 140 ESs - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

NR 140 PALs - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

Bold+underlined values meet or exceed NR 140 enforcement standards.

Italic+underlined values meet or exceed NR 140 preventive action limits.

Laboratory Notes/Qualifiers:

* = ISTD response or retention time outside acceptable limits.

B = Compound was found in the blank and the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

J = Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).

The user of this data should be aware that this data is of limited reliability.

J1 = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

(1) Surrogate n-Nonane = Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at dilution may be flagged with a D.

(2) Surrogate 4-Bromofluorobenzene = Surrogate is outside control limits. ISTD response or retention time outside acceptable limits.

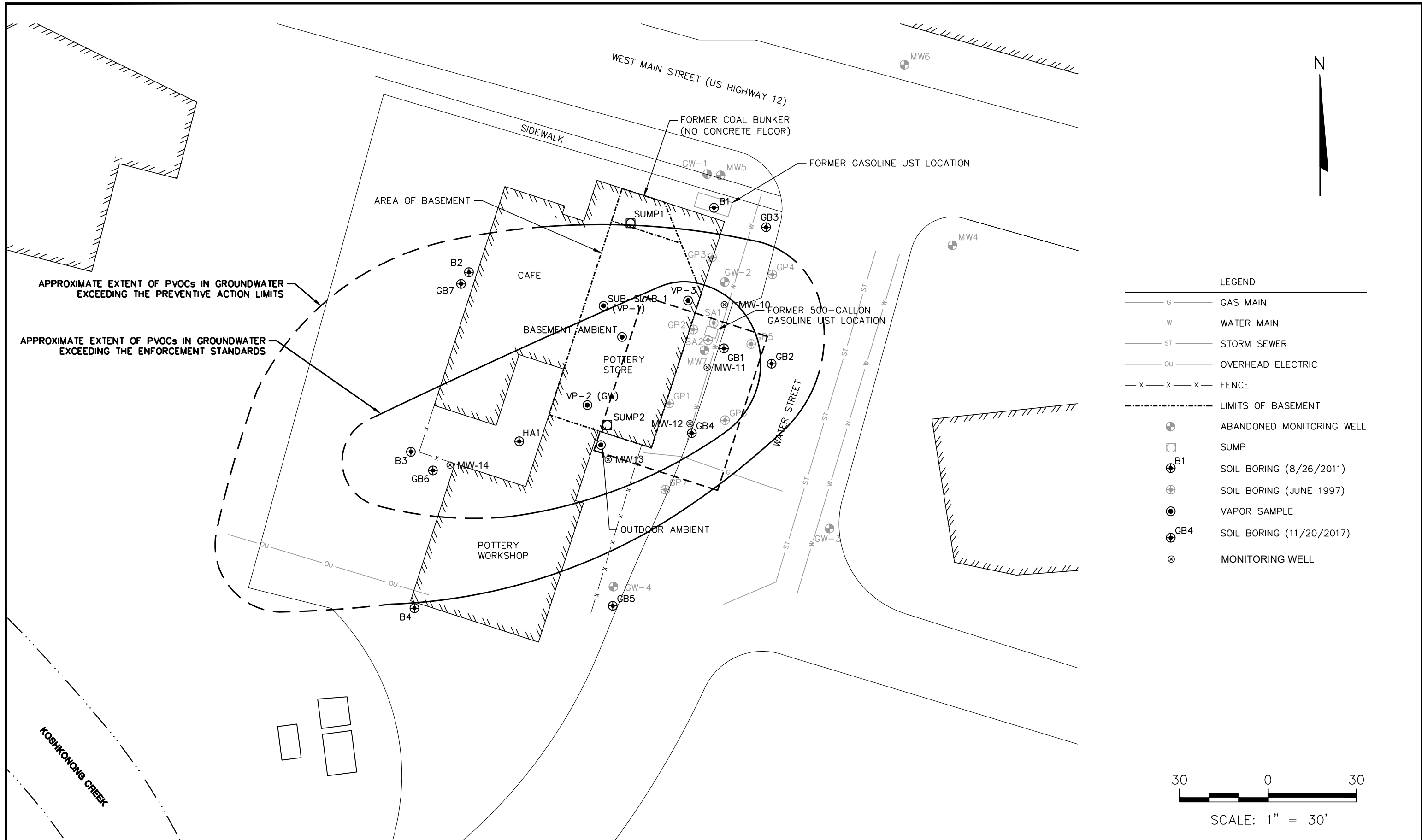
Created by: <u>LMH</u>	Date: <u>9/16/2011</u>
Last revision by: <u>JSN</u>	Date: <u>2/10/2020</u>
Checked by: <u>LMH</u>	Date: <u>2/10/2020</u>
Proj Mgr QA/QC: <u>EO</u>	Date: <u>3/6/2020</u>

I:\25213053.06\Deliverables\Mitigation Change Order\[Table 2_ GW_VOCs.xls]GW VOCs

Figures

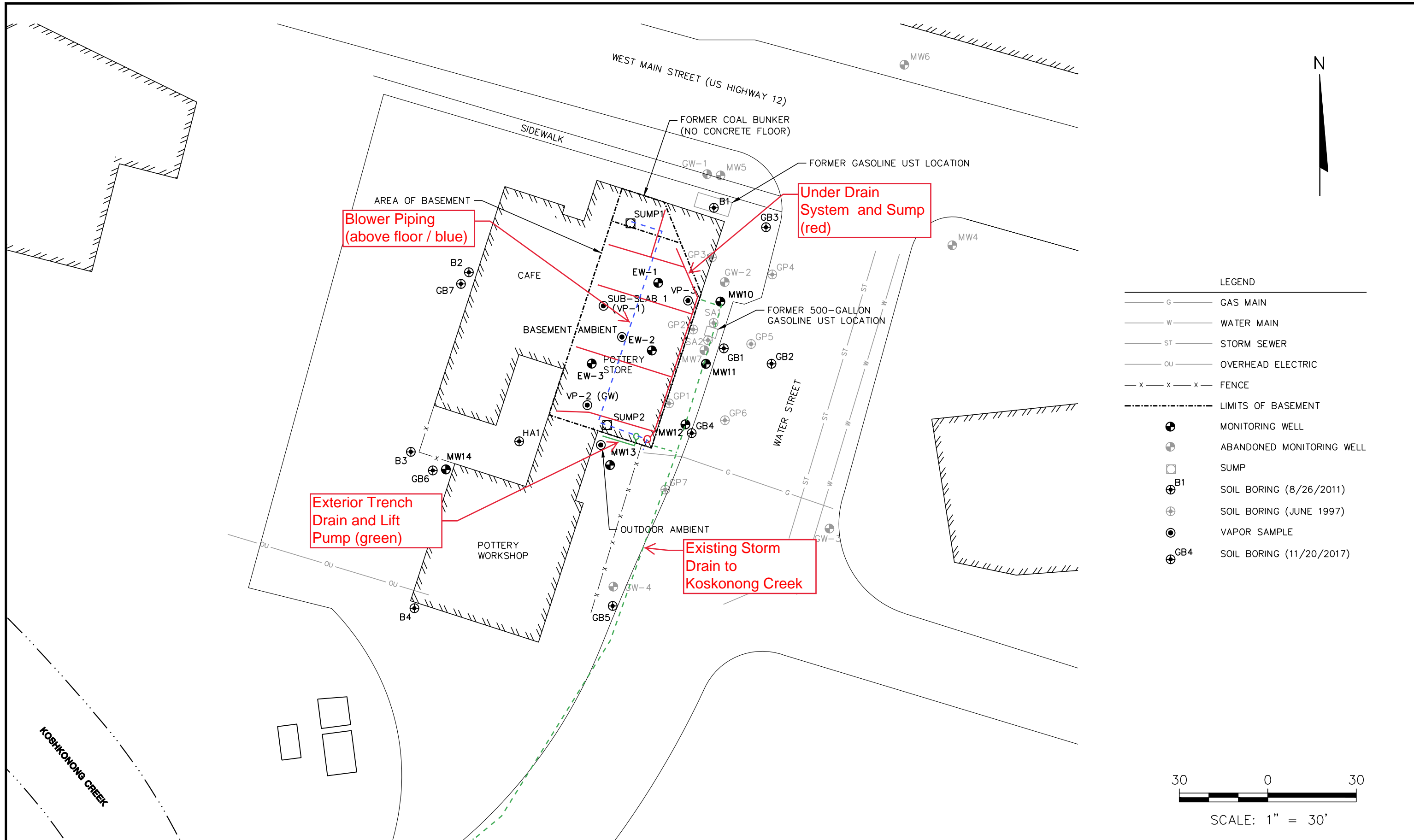
- 1 Sample Locations
- 2 Site Plan with Proposed Vapor Mitigation Features

I:\25213053\Drawings-General\Rowe\G... Plt.me.dwg... /Z/1/201... 3:10:22 PM



PROJECT NO.	25213053.04	DRAWN BY:	KP/BJM	ENGINEER	SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT	DANE COUNTY PUBLIC WORKS 1919 ALLIANT ENERGY CENTER WAY MADISON, WI 53713	SITE	FORMER ROWE PROPERTY 217 MAIN STREET CAMBRIDGE, WISCONSIN	Sample Locations	FIGURE
DRAWN:	04/24/18	CHECKED BY:	EO								1
REVISED:	04/24/18	APPROVED BY:	EO								

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PROJECT NO.	25213053.06	DRAWN BY:	KP/BJM
DRAWN:	04/24/18	CHECKED BY:	EO
REVISED:	11/22/19	APPROVED BY:	EO 11/22/19


SCS ENGINEERS
 2830 DAIRY DRIVE MADISON, WI 53718-6751
 PHONE: (608) 224-2830

CLIENT
 DANE COUNTY PUBLIC WORKS
 1919 ALLIANT ENERGY CENTER WAY
 MADISON, WI 53713

SITE
 FORMER ROWE PROPERTY
 217 MAIN STREET
 CAMBRIDGE, WISCONSIN

Site Plan with Proposed Vapor Mitigation Features

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Attachment A
Contractor Estimates

ZANDER SOLUTIONS, LLC

421 S. Nine Mound Rd
Verona, WI 53593
(608) 833-6620

PROPOSAL

Date	Terms
2/28/2020	DNBUC

CLIENT

SCS Engineers
2830 Dairy Drive
Madison, WI 53718
eobelkers@scsengineers.com
(608) 444-3934

PROJECT

SCS Engineers - Drain Tile
217 W Main Street
Cambridge, WI 53523

Job Number	Proposal Number
3200233	P3200233

AS REQUIRED BY THE WISCONSIN CONSTRUCTION LIEN LAW, OWNER IS HEREBY NOTIFIED THAT PERSONS OR COMPANIES PERFORMING, FURNISHING OR PROCURING LABOR, SERVICES, MATERIALS, PLANS, OR SPECIFICATIONS FOR THE CONSTRUCTION OWNER'S LAND MAY HAVE LIEN RIGHTS ON OWNER'S LAND AND BUILDINGS IF THEY ARE NOT PAID. THOSE ENTITLED TO LIEN RIGHTS, IN ADDITION TO ZANDER, ARE THOSE WHO CONTRACT DIRECTLY WITH OWNER OR THOSE WHO ARE REQUIRED TO AND DO GIVE OWNER NOTICE WITHIN SIXTY (60) DAYS AFTER THEY FIRST PERFORM, FURNISH OR PROCURE LABOR, SERVICES, MATERIALS, PLANS OR SPECIFICATIONS FOR THE CONSTRUCTION. ACCORDINGLY, OWNER PROBABLY WILL RECEIVE NOTICES FROM THOSE WHO PERFORM, FURNISH OR PROCURE LABOR, SERVICES, MATERIALS, PLANS OR SPECIFICATIONS FOR THE CONSTRUCTION, AND SHOULD GIVE A COPY OF EACH NOTICE RECEIVED TO OWNER'S MORTGAGE LENDER, IF ANY. ZANDER AGREES TO COOPERATE WITH OWNER AND OWNER'S LENDER, IF ANY, TO SEE THAT ALL POTENTIAL LIEN CLAIMANTS ARE DULY PAID.

DRAIN TILE PROPOSAL

Chisel out concrete 12" to 18" from interior basement wall on approximately 230 lineal feet, w/ (4) lateral throughout basement. 23,550.00

Remove existing soils where concrete has been removed. Remove 10' of soil in coal room.

Install washed stone with 4" drain tile and hydro-channel in trench.

Install trench drain outside the building by the door & connect to separate sump basin (24" x 24") fiberglass.

Re-install sump 1 as "floor drain", open to interior of basement

Remove all excavated soil and concrete from basement.

Re-cement all areas that were chiseled out and removed. (including the coal room)

Includes 36' x 24" fiberglass crock - EP33x2, (2) 24" x 30" fiberglass crocks

Steve Amie to install electrical for (2) sumps and radon fan.

Demolish & dispose stud framed partition walls (35L feet)

Butler Plumbing to install discharge piping thru wall to lifet surface drainage to existing exterior storm drain. Or possibly another way away from the building.

Estimator--Jesse Garcia

Email--jgarcia@zandersolutions.com

Direct Line--608-821-4377

Signature _____

Estimator--Greg Mohar

Email--gmohar@zandersolutions.com

Direct Line--608-294-8200

Name / Date _____

Total \$

MasterCard and VISA accepted

Website--www.zandersolutions.com

50% down payment & signed estimate due before scheduling. Balance due upon completion

The above prices, specifications, terms, and conditions, including attached ZANDER SOLUTIONS STANDARD TERMS AND CONDITIONS, are satisfactory and accepted. You are authorized to do the work as specified. Payment will be made as specified. I acknowledge that I have received from Zander a copy of NOTICE REGARDING RIGHT TO RECEIVE LIEN WAIVERS and a copy of the Wisconsin 'Right to Cure Law' brochure. Payment is due on substantial completion of the work as specified. Customer may not take any deductions from payments due Zander, unless Customer has received a written credit memorandum from Zander authorizing that deduction. All past due payments are subject to finance charges equal to 1.5% per month for each month or fraction thereof elapsed after the date due on all amounts past due from the date due until the date of payment. In addition, Customer will reimburse Zander on demand for all costs and expenses, including reasonable attorney's fees, incurred by Zander in collecting any past due obligations from Customer. This information is confidential and intended solely for addressees. Any unauthorized access, use, reproduction, or dissemination is prohibited.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from specifications involving extra work will be executed only upon written orders, and will become an extra charge over and above quoted price. Customer to carry fire and casualty and general liability insurance. Zander's employees are fully covered by Workman's Compensation Insurance. This Proposal is subject to delays occasioned by strikes, fires, accidents or any other cause beyond Zander's reasonable control. This Proposal is covered by and subject to ZANDER SOLUTIONS STANDARD TERMS AND CONDITIONS. Acceptance of the Proposal is expressly limited to all the terms of the Proposal. No additional or different terms offered by Customer shall be or become a part of the Proposal, without the express written approval of Zander. The Proposal may be withdrawn by Zander before it is accepted, and the Proposal will be deemed withdrawn unless it is accepted by Customer within thirty (30) days from the date of the Proposal. Warranties will be issued once invoices have been paid in full. 1. Homeowner is responsible for moving personal belongings to perform work. 2. Homeowner is responsible for any wall damage repair required to access the foundation for investigation and repair of leaking areas. 3. Homeowner is responsible for any building permits that may be required. 4. Lifetime warranty on installation of drain tile and two (2) year warranty on sump pump. 5. Warranty includes the repair of area of original work if additional water infiltration occurs and costs associated with repair. Warranty does not include any personal belongings or property damage of future water infiltration.

ZANDER SOLUTIONS, LLC

421 S. Nine Mound Rd
Verona, WI 53593
(608) 833-6620

PROPOSAL

Date	Terms
2/28/2020	DNBUC

CLIENT

SCS Engineers
2830 Dairy Drive
Madison, WI 53718
eoelkers@scsengineers.com
(608) 444-3934

PROJECT

SCS Engineers - Vapor Barrier
217 W Main Street
Cambridge, WI 53523

Job Number	Proposal Number
3200234	P3200234

AS REQUIRED BY THE WISCONSIN CONSTRUCTION LIEN LAW, OWNER IS HEREBY NOTIFIED THAT PERSONS OR COMPANIES PERFORMING, FURNISHING OR PROCURING LABOR, SERVICES, MATERIALS, PLANS, OR SPECIFICATIONS FOR THE CONSTRUCTION OWNER'S LAND MAY HAVE LIEN RIGHTS ON OWNER'S LAND AND BUILDINGS IF THEY ARE NOT PAID. THOSE ENTITLED TO LIEN RIGHTS, IN ADDITION TO ZANDER, ARE THOSE WHO CONTRACT DIRECTLY WITH OWNER OR THOSE WHO ARE REQUIRED TO AND DO GIVE OWNER NOTICE WITHIN SIXTY (60) DAYS AFTER THEY FIRST PERFORM, FURNISH OR PROCURE LABOR, SERVICES, MATERIALS, PLANS OR SPECIFICATIONS FOR THE CONSTRUCTION. ACCORDINGLY, OWNER PROBABLY WILL RECEIVE NOTICES FROM THOSE WHO PERFORM, FURNISH OR PROCURE LABOR, SERVICES, MATERIALS, PLANS OR SPECIFICATIONS FOR THE CONSTRUCTION, AND SHOULD GIVE A COPY OF EACH NOTICE RECEIVED TO OWNER'S MORTGAGE LENDER, IF ANY. ZANDER AGREES TO COOPERATE WITH OWNER AND OWNER'S LENDER, IF ANY, TO SEE THAT ALL POTENTIAL LIEN CLAIMANTS ARE DULY PAID.

RADON PROPOSAL

Install vapor barrier along basement floor (2702 sq ft)	4,960.00
Vapor barrier should go 3' up the wall and stairwell perimeter	
Install Delta-FL dimple underlayment w/taped seams (2702 sq ft)	
Tape around all pipe penetration & sump lids.	

Estimator--Jesse Garcia
Email--jgarcia@zandersolutions.com
Direct Line--608-821-4377
Website--www.zandersolutions.com

Signature _____
Name / Date _____

Total \$
MasterCard and VISA accepted

50% down payment & signed estimate due before scheduling. Balance due upon completion

The above prices, specifications, terms, and conditions, including attached ZANDER SOLUTIONS STANDARD TERMS AND CONDITIONS, are satisfactory and accepted. You are authorized to do the work as specified. Payment will be made as specified. I acknowledge that I have received from Zander a copy of NOTICE REGARDING RIGHT TO RECEIVE LIEN WAIVERS and a copy of the Wisconsin 'Right to Cure Law' brochure. Payment is due on substantial completion of the work as specified. Customer may not take any deductions from payments due Zander, unless Customer has received a written credit memorandum from Zander authorizing that deduction. All past due payments are subject to finance charges equal to 1.5% per month for each month or fraction thereof elapsed after the date due on all amounts past due from the date due until the date of payment. In addition, Customer will reimburse Zander on demand for all costs and expenses, including reasonable attorney's fees, incurred by Zander in collecting any past due obligations from Customer. This information is confidential and intended solely for addressees. Any unauthorized access, use, reproduction, or dissemination is prohibited.

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ZANDER SOLUTIONS, LLC

421 S. Nine Mound Rd
Verona, WI 53593
(608) 833-6620

PROPOSAL

Date	Terms
2/28/2020	DNBUC

CLIENT

SCS Engineers
2830 Dairy Drive
Madison, WI 53718
eolkers@scsengineers.com
(608) 444-3934

PROJECT

SCS Engineers - Cracks
217 W Main Street
Cambridge, WI 53523

Job Number	Proposal Number
3200235	P3200235

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EPOXY INJECTION PROPOSAL

Epoxy inject (4) 8' cracks from inside of building.	2,850.00
Plug & inject 6" x 6" sq void	
Remove prior repairs to the foundation as needed.	
Prep and prepare crack for injection.	
Surface coat the crack and install injector ports.	
Inject crack with two-part epoxy.	
Drill 1/2" holes and install injector ports. (as needed)	
Inject the crack using hydrophobic grout.	

Estimator--Jesse Garcia
Email--jgarcia@zandersolutions.com
Direct Line--608-821-4377

Estimator--Greg Mohar
Email--gmohar@zandersolutions.com
Direct Line--608-294-8200

Signature _____
Name / Date _____

Total \$

MasterCard and VISA accepted

Website--www.zandersolutions.com

50% down payment & signed estimate due before scheduling. Balance due upon completion

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ZANDER SOLUTIONS, LLC

421 S. Nine Mound Rd
Verona, WI 53593
(608) 833-6620

PROPOSAL

Date	Terms
3/2/2020	DNBUC

CLIENT

SCS Engineers
2830 Dairy Drive
Madison, WI 53718
eaelkers@scsengineers.com
(608) 444-3934

PROJECT

SCS Engineers - Radon
217 W Main Street
Cambridge, WI 53523

Job Number	Proposal Number
3200236	P3200236

AS REQUIRED BY THE WISCONSIN CONSTRUCTION LIEN LAW, OWNER IS HEREBY NOTIFIED THAT PERSONS OR COMPANIES PERFORMING, FURNISHING OR PROCURING LABOR, SERVICES, MATERIALS, PLANS, OR SPECIFICATIONS FOR THE CONSTRUCTION OWNER'S LAND MAY HAVE LIEN RIGHTS ON OWNER'S LAND AND BUILDINGS IF THEY ARE NOT PAID. THOSE ENTITLED TO LIEN RIGHTS, IN ADDITION TO ZANDER, ARE THOSE WHO CONTRACT DIRECTLY WITH OWNER OR THOSE WHO ARE REQUIRED TO AND DO GIVE OWNER NOTICE WITHIN SIXTY (60) DAYS AFTER THEY FIRST PERFORM, FURNISH OR PROCURE LABOR, SERVICES, MATERIALS, PLANS OR SPECIFICATIONS FOR THE CONSTRUCTION. ACCORDINGLY, OWNER PROBABLY WILL RECEIVE NOTICES FROM THOSE WHO PERFORM, FURNISH OR PROCURE LABOR, SERVICES, MATERIALS, PLANS OR SPECIFICATIONS FOR THE CONSTRUCTION, AND SHOULD GIVE A COPY OF EACH NOTICE RECEIVED TO OWNER'S MORTGAGE LENDER, IF ANY. ZANDER AGREES TO COOPERATE WITH OWNER AND OWNER'S LENDER, IF ANY, TO SEE THAT ALL POTENTIAL LIEN CLAIMANTS ARE DULY PAID.

RADON PROPOSAL

Install radon system w/four drop points of which two drop points are sealed into dimple board	2,500.00
Install collection point in basement floor.	
4" schedule 40 PVC will route from 4" drain tile system to exterior	
Route pipe up and out of building, mount fan on exterior.	
Install looking glass into sump basket lid.	
Mount U-tube pressure meter on radon draw pipe in basement.	
Includes post test 7-10 days after completion of system.	
Includes electrical hook-up.	
Steve Amie to install electrical hook-up	
Install one HP220 Fantech fan w/concesation bypass in non-conditioned space.	

Estimator--Jesse Garcia

Email--jgarcia@zandersolutions.com

Direct Line--608-821-4377

Website--www.zandersolutions.com

Signature _____

Name / Date _____

Total \$

MasterCard and VISA accepted

50% down payment & signed estimate due before scheduling. Balance due upon completion

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Oelkers, Eric

From: Sternard, Steve <SSternard@covanta.com>
Sent: Wednesday, June 13, 2018 3:45 PM
To: Oelkers, Eric
Subject: Cambridge, WI Pricing

Eric

Here are the numbers for your project in Cambridge, WI.

Mobilization/Demobilization vac unit with operator - \$575.00

Vac unit on site time - \$130.00/hour

Overnight charges for driver - \$135.00/night

Non hazardous water disposal - \$.38/gallon

~~9.5%~~ Energy, Insurance and Security Fee on the total invoice.

Now 12.6 % per Steve Sternard 3/5/20

Steve Sternard
Sales Representative/Senior Account Manager



Fox Valley Division
210 Tower Road
Winneconne, WI 54986
Tel: 920.582.7596
Cell: 920.912.5188
Email: ssternard@covanta.com

<http://covantaes.com>

CES Introduction Video: <https://youtu.be/bTqn-R6lt-l>

Our mission is to ensure no waste is ever wasted.



Mob & Demob: 3 @ \$575 = \$1,725
On-site Time: 3 @ \$130 = \$390
Disposal: 6,000 @ \$0.38 = \$2,280 Energy,
Insurance, etc. @ 12.6% = \$553.77
Total = \$4,948.77

File No. 25213053.06

RECORD OF TELEPHONE CONVERSATION

PROJECT: Rowe Cambridge
DATE: March 5, 2020
TIME: 10:37 a.m.
CALL TO/FROM: Dick Eddy, VP Commercial Sales
COMPANY: Sergenians Floor Coverings
PHONE #: 608-273-6300
REGARDING: Flooring for Rowe Project

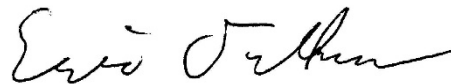
Notes:

EO explained that we needed a floating floor system to cover the vapor barrier in the basement of the Rowe property. Dick indicated that a floating "click" floor system would work for this application. The budgetary cost is \$6.75/square foot installed, which breaks town to approximately \$3.75/sq. ft. for materials and \$3.00/ sq. ft. for delivery and installation.

COPY TO:

____ Notebook File PECFA Other:

NAME/SIGNATURE:



(Eric Oelkers)

I:\25213053.06\Contract and Invoices\Bids\200305_Sergenians_flooring.docx



Appendix B

UCCS and Variance Costs

Usual and Customary Standardized Invoice #27

January 2020- June 2020



RR-0113a-E

TOTAL LAB CHARGES	#####	TASK 33	20	#####	TASK 24	0	\$	-
--------------------------	--------------	----------------	-----------	--------------	----------------	----------	-----------	----------

MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL	MAX COST	SAMPLES	TOTAL
WATER	W4	PVOC + Naphthalene	SAMPLE	\$ 31.26	12	\$ 375.12			
WATER	W6	PAH	SAMPLE	\$ 75.17	4	\$ 300.68			
WATER	W7	Lead	SAMPLE	\$ 12.76	4	\$ 51.04			
TASK 33 TOTAL						\$ 726.84			

**Cost Estimate - SCS Engineers
Rowe - Vapor Mitigation
SCS Project No. 25213053.06**



PECFA Labor Category	Principal	Project Manager	Senior Professional	Staff Professional	Field Professional	Drafting	Word Processor	Clerical	Total Hours	Subtotal	Exp	Subs	U&C Rates	Total	Task Total Rounded to \$10
PECFA Reimbursable Rate	\$138.00	\$112.96	\$112.96	\$94.13	\$81.58	\$69.03	\$43.93	\$43.93							
Phase 1 – Underdrain and Sub-Slab Depressurization															
Coordination	1	20					2	1	24	\$2,529				\$2,529	
Local Permits				4			1	0.5	5.5	\$442	\$200			\$642	
Oversight				60	16				76	\$6,953				\$6,953	
Zander Solutions - Underdrain and Sumps									0	\$0		\$23,550		\$23,550	
Zander Solutions - Blower and Piping (less connections for dimple board)									0	\$0		\$2,000		\$2,000	
Zander Solutions - Crack Sealing									0	\$0		\$2,850		\$2,850	
Contaminated Soil Disposal (Royal Container) 30 tons									0	\$0		\$1,400		\$1,400	
Concrete Disposal (Royal Container) 5 tons									0	\$0		\$330		\$330	
Ventilation Flex Duct (Global #T9F292595) 4 sections									0	\$0	\$280			\$280	
Frac tank delivery, demobilization, and rental (Rain For Rent) 20 days									0	\$0		\$1,760		\$1,760	
Water Disposal (Covanta) Three trips & 6,000 gallons									0	\$0		\$4,949		\$4,949	
Poly Tank Rental 10 days @ \$75/day									0	\$0	\$750			\$750	
WDPEs Permit Submittal		3		8				3	14	\$1,224				\$1,224	
Discharge Sampling (U&C)									0	\$0			\$1,917	\$1,917	
Discharge Sampling Non-U&C Parameters (oil & grease, Cl, TSS)									0	\$0		\$207		\$207	
Documentation Report	1	8	1	12		2		3		\$2,554				\$2,554	
Subtotal	2	31	1	84	16	2	3	7.5	119.5	\$13,702	\$1,230	\$37,046	\$1,917.21	\$53,895	\$53,900
Phase 2 - Vapor Barrier and Drainage Sheet Depressurization System															
Coordination	0.5	8						2	10.5	\$1,061				\$1,061	
Oversight				30					30	\$2,824				\$2,824	
Zander Solutions - Vapor Barrier and Drainage Mat									0	\$0		\$4,960		\$4,960	
Zander Solutions - Vent Connections to Dimple Board												\$500		\$500	
Sergenians Floor Covering (Click Floor System) 2,700 SF @ \$6.75/SF installed									0	\$0		\$18,225		\$18,225	
Documentation Report	0.5	4	1	6		1		3		\$1,399				\$1,399	
Subtotal	1	12	1	36	0	1	0	5	40.5	\$5,284	\$0	\$23,685	\$0	\$28,969	\$28,970
Task 3 – Follow up Groundwater & Discharge Monitoring															
U&C Schedule									0	\$0			\$3,661	\$3,661	
Discharge Sampling Non-U&C Parameters (oil & grease, Cl, TSS)									0	\$0		\$69		\$69	
Subtotal	0	0	0	0	0	0	0	0	0	\$0	\$0	\$69	\$3,661	\$3,730	\$3,730
Total PECFA Reimbursable Budget	3	43	2	120	16	3	3	12.5	202.5	\$18,986	\$1,230	\$60,800	\$5,577.97	\$86,594	\$86,590



March 20, 2020

Margaret Krohn
Dane County
210 Martin Luther King Jr Blvd
Madison, WI 53703

RE: **Public Bidding Deferred – Cost Cap Approved**
PECFA # 53523-9999-17-A DNR BRRTS # 03-13-002673
Rowe Pottery Works-ROW, 217 Main St (CTH PQ ROW), Cambridge

On March 12, 2020, the Wisconsin Department of Natural Resources (Department) received a scope of work (SOW) and cost estimate utilizing the chapter NR 747, Wisconsin Administrative Code, Usual and Customary Cost Schedule (Cost Schedule) for the site referenced above.

The Department has determined that the submitted SOW is reasonable and **approves** the additional costs. This site will be deferred from the public bidding process at this time. The Department will contact you if this site will be bid in the future.

The SOW includes implementation of a vapor mitigation system at the Rowe Pottery Works (former) site. A copy of the Department worksheet for the Cost Schedule tasks is enclosed for your reference.

Deferment Cost Cap Approved: \$86,592.76

Be reminded that ch. NR 700 semi-annual progress reporting is required until this case is closed.

Note: A claim for PECFA reimbursement must be submitted within 180 days of incurring costs (i.e., completing a task). If a claim for costs incurred is not submitted within this deadline, the costs will not be eligible for PECFA reimbursement.

Usual and customary costs for activities included in this approval will only be reimbursed at a rate equal to or less than what is allowed on the Cost Schedule and are reimbursed based upon the Cost Schedule that is in effect at the time the activity is performed. Costs for activities not included in this approval are not reimbursable without prior Department authorization.

Regulatory Correspondence (Task 7, Activity RC05), Claim Submittal (Task 27, Activity CS05) and Standardized Invoice (Task 28, Activity SI05) costs are not included in the cap approved above. These activities will be reimbursed according to the task specifications and with submittal of proper supporting documentation at claim review time.

The Department approves a variance from the Cost Schedule for an underdrain and sub-slab depressurization system, vapor barrier and drainage sheet depressurization system and laboratory cost not covered in the usual and customary worksheet. Do not include these costs

(\$81,014.79) on the standardized invoice for usual and customary cost activities. Include these costs on a separate company invoice. When you submit the claim for these costs, please attach a copy of this letter and the attached worksheet for the claim reviewer's reference. The Department waives the commodity three-bid requirement with this variance approval.

The Department considers the consultant the primary controller of costs during these activities. This approval does not guarantee eligibility of any specific costs that have been incurred or that may be incurred in the future. Final determination regarding the eligibility of costs will be made by the claim reviewer when the entire claim, including all invoices and reports, is submitted for payment.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 275-3465.

Sincerely,



Lawrence Lester
Hydrogeologist
Remediation and Redevelopment Program

Enclosure: Usual and Customary Cost Schedule Worksheet

cc: Oelkers, SCS Engineers

Usual and Customary Standardized Invoice #27

January 2020 - June 2020



RR-113a-E

PECFA #: 53523-9999-17A
 BRRTS #: 03-13-000673
 Site Name: Rowe Property
 Site Address: 217 Main St., Cambridge
 20-Mar-20

Vendor Name: SCS Engineers
 Invoice #: _____
 Invoice Date: _____
 Check #: _____

U&C Total \$ 5,577.97
 Variance to U&C Total \$ 81,014.79
 Grand Total \$ 86,592.76

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
1	GW Sampling	GS05	GS05	Sample Collection	Well	\$ 74.62	8	\$ 596.96
1	GW Sampling	GS25	GS25	Primary Mob/Demob	Site	\$ 690.92	1	\$ 690.92
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
6	Letter Report/Addendum		LRA05	Letter Report/Addendum	Letter	\$ 1,070.47	1	\$ 1,070.47
15	Misc. Drilling Activities & Supplies		MDT21	Drum, 55 gal. DOT steel	Each	\$ 56.78	2	\$ 113.56
17	Surface Soil/Sediment/Water Sampling		SSWS05	Sampling	Sample Location	\$ 22.18	3	\$ 66.54
17	Surface Soil/Sediment/Water Sampling		SSWS10	Primary Mob/Demob	Site	\$ 497.70	3	\$ 1,493.10
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule	\$		\$ 726.84
34	Consultant Incremental Mob/Demob		IMD05	Incremental Mob/Demob	Site	\$ 295.80	2	\$ 591.60

Variance Phase 1-Underdrain and Sub-Slab Depressurization \$ 51,977.79
 Variance Phase 2-Vapor Barrier and Drainage Sheet Depressurization \$ 28,968.00
 Variance Groundwater Monitoring (non U&C Analysis) \$ 69.00

Usual and Customary Standardized Invoice # 27 January 2020- June 2020



RR-0113a-E

TOTAL LAB CHARGES ##### TASK 33 20 ##### TASK 24 0 \$ -

MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL	MAX COST	SAMPLES	TOTAL
WATER	W4	PVOC + Naphthalene	SAMPLE	\$ 31.26	12	\$ 375.12			
WATER	W6	PAH	SAMPLE	\$ 75.17	4	\$ 300.68			
WATER	W7	Lead	SAMPLE	\$ 12.76	4	\$ 51.04			
					TASK 33 TOTAL	\$ 726.84			

