

**From:** Dave Larsen <dlarsen@reiengineering.com>  
**Sent:** Monday, July 26, 2021 11:46 AM  
**To:** Zeichert, Timothy A - DNR  
**Subject:** RE: Band Box Tomah - Scope of Services and Cost Approval Request  
**Attachments:** 8173 well install and SVE feasibility.pdf

Tim, attached is the cost approval request for Band Box per our discussions following our recent site visit.




REI is seeking approval to install a replacement well for MW1A and three (3) new piezometers. One proposed piezometer will be advanced near MW14 and screened from 55-60'. The next will be advanced near MWA3 and the final near MWA4 with wells screened from 40-45'. All of these locations are in City right of way and access is permit required.

- REI will develop the new wells and sample all the existing wells, except MW19 and MW19P, which are placed in Manowau Street and are currently asphalted over.
- REI will also survey in the entire well network (covered under previous approval).
- REI will also install and collect a sub-slab vapor point in the Yoga studio for TO-15 analysis.
- REI also sample the sewer gas in the manhole in the alley nearest the sanitary discharge. The manhole immediately upgradient and two manholes immediately downgradient will be sampled for TO-15 analysis. REI will also attempt to determine the location and fate of the laterals currently or historically used at the facility.
- REI will also determine the feasibility of utilizing SVE as a remedial option as many challenges were identified during our last site visit.
- Lastly, REI will prepare an update report documenting the completion of the proposed scope.

Please let me know if you have any questions or concerns regarding this Scope of Services and Cost Approval Request.

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

 <p><b>REI</b> CIVIL &amp; ENVIRONMENTAL ENGINEERING, SURVEYING 4080 N. 20th Avenue Wausau, WI 54401 REIengineering.com</p>	<p><b>David N. Larsen, P.G.</b> Senior Hydrogeologist Dlarsen@REIengineering.com</p> <p>Tel: 1-877-734-7748 715-675-9784 Cell: 715-551-3434 Fax: 715-675-4060</p>
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## DERF Site Investigation Bid Summary Consultant Selection Cover Sheet

Notice: Use this form to notify the Department of Natural Resources of the consultant you are selecting to conduct a site investigation and to submit and summarize the bids required in the Dry Cleaner Environmental Response Fund (DERF) Program. This form is authorized under s. 292.65, Wis. Stats. and s. NR 169.23, Wis. Adm. Code. Completion of this form is mandatory for any person applying for DERF reimbursement. Persons who do not submit a completed form will not be eligible for reimbursement under DERF. Personal information will be used to manage the DERF program, and be made available to requesters under Wisconsin's Open Records laws (ss. 19.32-19.39, Wis. Stats.) and requirements.

Complete the following information and submit it to your DNR regional project manager. Copy this form as necessary.

### Site Information

<b>Site name:</b> Band Box Cleaners, Inc	<b>Facility Name:</b>	<b>BRRTS #</b> 02-42-525072
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### Consultant Selected

<b>Consultant Name:</b> REI Engineering, Inc.	<b>Consultant Address:</b> 4080 N 20th Avenue, Wausau, WI 54401
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### Summary of Costs:

<b>Consultant Name:</b>	
Consulting costs:	
Drilling costs:	
Analytical costs:	
Miscellaneous costs:	
<b>Total Costs:</b>	

<b>Consultant Name:</b>	
Consulting costs:	
Drilling costs:	
Analytical costs:	
Miscellaneous costs:	
<b>Total Costs:</b>	

<b>Consultant Name:</b>	
Consulting costs:	
Drilling costs:	
Analytical costs:	
Miscellaneous costs:	
<b>Total Costs:</b>	

### Optional 4th bid information:

<b>Consultant Name:</b>	
Consulting costs:	
Drilling costs:	
Analytical costs:	
Miscellaneous costs:	
<b>Total Costs:</b>	

Justification for Selection:

### Applicant Information and Certification

I certify that the information contained above is true and correct to the best of my knowledge.

Applicant Name		Date	
Street Address	City	State	Zip Code
Signature			

### Department Use Only

Project Manager Approval Signature	Phone Number	Date
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If not approved, reason for non-approval:

## DERF Site Investigation Bid Sheet Consultant Bid Summary

Form 4400-233 (R 4/04) Page 2 of 6

<b>Site Information</b>	
Site Name: Band Box Cleaners, Inc	
Consultant Name: REI Engineering, Inc.	Applicant Name: Band Box Cleaners
<b>Bid Summary</b>	
<b>Drilling Costs Total =</b>	<b>\$26,800.00</b>
<b>Analytical Costs Total =</b>	<b>\$2,725.00</b>
<b>Consulting Costs Total =</b>	<b>\$28,047.00</b>
<b>Misc Costs Total =</b>	<b>\$5,178.30</b>
<b>Grand Total =</b>	<b>\$62,750.30</b>

I certify that the costs are an accurate estimate of my total projected costs for the site investigation and I understand and will adhere to s.292.65 Stats. and ch NR 169, Wis. Adm. Code.

Consultant Signature	Date
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Please attach to these forms a written narratige specifying how the tasks outlined in these sheets will be performed.

Consultant Name:  
 Site Name:  
 BRRTS #:  
 Date:

**DERF Site Investigation Bid Sheet**  
**Drilling Costs**

Form 4400-233 (R 4/04) Page 3 of 6

<b>Drilling Costs</b>						
Task	Interval	Number of Borings or Wells	Number of Days	Total Number Feet Drilled	Cost/feet, Day or Well	Total Cost
<b>Commodity - Drilling Scope</b>						
Mobilization, Compressor and Per Diems						\$8,000.00
Rock Drill Setup Charge		4			\$550.00	\$2,200.00
Drilling Charge				175	\$50.00	\$8,750.00
2" Well Installation				175	\$30.00	\$5,250.00
Flushmount Covers		4			\$425.00	\$1,700.00
Decontamination Costs		2			\$450.00	\$900.00
<b>Auger Borings (continuous sampling)</b>						
<b>Well Development (if done by subcontractor)</b>						
<b>Total Drilling Costs</b>						<b>\$26,800.00</b>

Consultant Name:  
 Site Name:  
 BRRTS #:  
 Date:

## DERF Site Investigation Bid Sheet

### Analytical Costs

Form 4400-233 (R 4/04) Page 4 of 6

Parameter	WI Certified Lab			Field Test/Field Kit			Mobile Lab			Total Costs
	\$/sample	# samples	Method Used	\$/sample	# samples	Method Used	\$/Day	# Samples # Days	Method Used	
Solids Analysis										
VOCs										\$0.00
TCLP										\$0.00
RCRA Metals										\$0.00
Duplicate Analyses										\$0.00
Blank Analyses										\$0.00
Other: (Specify)										\$0.00
<b>Water Analysis (low flow sampling assumed unless otherwise indicated at bottom of this sheet)</b>										
VOCs	75	23								\$1,725.00
Nitrate*										\$0.00
Dissolved Oxygen*										\$0.00
Temperature*										\$0.00
Ferrous Iron*										\$0.00
Sulfate*										\$0.00
Sulfide*										\$0.00
ORP*										\$0.00
pH*										\$0.00
TOC*										\$0.00
Alkalinity*										\$0.00
Chloride*										\$0.00
Spec. Conductance*										\$0.00
Ethene/Ethane/Methane*										\$0.00
Hydrogen*										\$0.00
Carbon Dioxide*										\$0.00
RCRA Metals										\$0.00
Duplicate Analyses										\$0.00
Blank Analyses										\$0.00
Other: (Specify)										\$0.00
<b>Air Analysis</b>										
VOCs	250	4								\$1,000.00
TCE										\$0.00
PCE (minimum detection limit is <10 ppbv)										\$0.00
Other: (Specify)										\$0.00
<b>Waste Analyses (soil/water)</b>										
										\$0.00
										\$0.00
<b>Miscellaneous (specify)</b>										
										\$0.00
										\$0.00
<b>Charge for Mobile Lab (indicate # days and daily fee)</b>										
<b>Total Analytical Costs</b>										<b>\$2,725.00</b>

\* Natural Attenuation parameters required for consideration of NA as remedy.

Consultant Name:  
 Site Name:  
 BRRTS #:  
 Date:

## DERF Site Investigation Bid Summary Consultant Costs

Form 4400-233 (R 4/04) Page 5 of 6

Position (specify)	Hourly Rate	Hours/Task													Total Costs			
		Scope Approval Development	Waste Determination	Waste Disposal	Access Well Installation	Access Sub-Slab Sampling	Access Sewer Gas Sampling	Well Installation Oversight	Well Development	Well Sampling	Sub-Slab Vapor Sampling	Sewer Gas Sampling	Update Report	Project Management		Other (specify)		
																SVE Feasibility Determination		
Professional Staff																		
Sr. Hydrogeologist	\$120.00	12	3		3	4	3						18	40	48			\$15,720.00
Hydrogeologist II	\$111.00												5		4			\$999.00
Hydrogeologist I	\$106.00																	\$0.00
Field Staff																		
Sr. Hydrogeologist	\$120.00							26	6									\$3,840.00
Environmental Technician I	\$87.00			4														\$348.00
Hydrogeologist II	\$111.00									18	3	3						\$2,664.00
Hydrogeologist I	\$106.00									18								\$1,908.00
																		\$0.00
Office Support Staff																		
Admin	\$66.00												6	12				\$1,188.00
CAD Tech	\$92.00												15					\$1,380.00
																		\$0.00
																		\$0.00
																		\$0.00
<b>Total Consulting Costs</b>																		<b>\$28,047.00</b>

Consultant Name:  
 Site Name:  
 BRRTS #:  
 Date:

## DERF Site Investigation Bid Summary Sheet Miscellaneous Costs

Form 4400-233 (R 4/04) Page 6 of 6

Major Activity	Specifications	Commodity Unit (specify)	Unit Rate	Number of Units	Total Cost
IDW Disposal					
Purge Water	Non-Hazardous	gallon	0.35	550	\$192.50
Soil Disposal	Non-Hazardous		est		\$450.00
Equipment Rental (list and include shipping costs if applicable)					
Field Supplies (list)					
Tubing - HPDE		foot	\$0.40	1000	\$400.00
Tubing - Vinyl		foot	\$0.40	225	\$90.00
Peristaltic Pump		each	\$85.00	2	\$170.00
Tubing - Tygon		foot	\$2.80	22	\$61.60
Decon Water		Bottle	\$12.60	2	\$25.20
WDOT Drums - soil cuttings		each	\$75.00	15	\$1,125.00
WDOT Drums - purge water		each	\$75.00	10	\$750.00
YSI 556 and Flow Cell		day	\$150.00	2	\$300.00
Metal Detector		day	\$75.00	2	\$150.00
Impact Driver		day	\$10.00	3	\$30.00
Water Level Indicator		day	\$25.00	2	\$50.00
Vapor Sampling Meters		day	\$350.00	1	\$350.00
Sub-Slab Vapor Ports		each	\$90.00	1	\$90.00
Sub-Slab Sample Port Install Kit		each	\$50.00	1	\$50.00
Sub-Slab Sample Kit		each	\$50.00	1	\$50.00
PID		day	\$100.00	4	\$400.00
Surveying					
Personal Protection Equipment (list)					
Sample Shipping Costs					
Other (specify)					
Private Utility Locate		hour	\$165.00		\$0.00
Per Diem (per staff member)		day	\$149.00	6	\$894.00
<b>Total Miscellaneous Costs</b>					<b>\$5,178.30</b>

**Reminders:** DERF does not reimburse for attorney, closure or GIS fees. Mileage and meals are also non-reimbursable. Also, costs to prepare a reimbursement application and discuss the application with the department are not reimburseable. No expedited shipping w/o prior PM approval.