

State of Wisconsin | DEPARTMENT OF NATURAL RESOURCES

South Central Region Headquarters  
3911 Fish Hatchery Road  
Fitchburg, Wisconsin 53711-5397  
Telephone 608-275-3266  
FAX 608-275-3338

273-5610

FACSIMILE COVER SHEET

Date Sent: 10/26/06

To Machine #: (608) 847-5620

No. Pages: 10  
(including cover sheet)

From Machine: (608) 275-3338 273-5610

PLEASE DELIVER THE FOLLOWING PAGES TO:

Name: Wayne Butz

Phone: \_\_\_\_\_

SENT FROM:

Name: Frank Kuehling

Message (if needed) Here are my letters to you from the most recent round of proposal requests. Also included is an example request-for-proposal letter.

If you have trouble receiving the material, call (608) 275-5945.

October 17, 2006

Mr. Hank Kuehling, P.G.  
Wisconsin Department of Natural Resources  
3911 Fish Hatchery Road  
Fitchburg, WI 53711-5397

RE: Proposal for Interim Action Scope of Work  
Reedsburg Cleaners  
349 E. Main Street, Reedsburg, WI  
BRRTS# 02-57-001682  
STS Proposal No.200605868

Dear Mr. Kuehling:

As a follow-up to our telephone conversation of October 9, 2006, STS Consultants, Ltd. (STS) appreciates the opportunity to provide this addendum to our "Proposal for Remedial Action Services" dated September 26, 2006, associated with the Reedsburg Cleaners site in Reedsburg, Wisconsin. Pursuant to our conversation, STS has reduced the proposed scope of work associated with preparation of pre-construction documents and the construction documentation report, and with implementation of the two-year groundwater monitoring program. Moreover, at the request of Mr. Wayne Butz, STS has received cost proposals from two local soil excavation, disposal, and backfilling contractors. The updated work scopes and estimated costs associated with these tasks are identified below and summarized in the attached Table 1.

#### **PRE-CONSTRUCTION DOCUMENTS/CONSTRUCTION DOCUMENTATION REPORT**

The STS proposal dated September 26, 2006 indicated that this task includes the following work elements:

1. Preparation of Underground Injection Control (UIC) Approval Request;
2. Preparation of WAC NR 724 Design Report and Design Plans/Specifications;
3. Preparation of WAC NR 724 Groundwater Monitoring Plan; and
4. Preparation of WAC NR 724 Construction Documentation Report.

Based on previous discussions with Mr. Richard Stoll, WDNR Permit Specialist, STS understands that two permits will be required for the injection of emulsified vegetable oil (EVO) into groundwater: (1) an Underground Injection Permit, and (2) a General Permit for Groundwater Remediation Projects. These permits need to be approved by the WDNR prior to remedial action implementation. A permit from the City will also be required to obtain City water for EVO injection. STS will prepare these permit requests as part of our proposed scope of services. As we discussed on October 9, 2006, the information that will be contained in the UIC Approval Request should contain sufficient detail that preparation of the NR 724 Design Report and Design Plans/Specifications should not be necessary. We also discussed minimizing the scope of work associated with the NR 724 Construction Documentation Report. As such, the updated estimated costs to complete these documents are provided in Table 1 and summarized as follows:

Wisconsin Department of Natural Resources  
 STS Proposal No. 200605868  
 October 17, 2006

<u>Work Element</u>	<u>Estimated Cost</u>
Soil Waste Characterization Sampling/Analysis	\$665
Underground Injection Permit	\$4,458
General Permit for Groundwater Remediation	\$3,680
NR 724 Groundwater Monitoring Plan	\$2,800
Construction Documentation Report	\$5,350
Project Management, Accounting, Communications	<u>\$2,880</u>
	\$19,833

**TWO-YEAR GROUNDWATER MONITORING PROGRAM**

STS' proposal dated September 26, 2006 recommended implementation of a quarterly groundwater monitoring program approximately three months after EVO injection, for a total of eight monitoring events over a period of two years. A comprehensive list of laboratory parameters<sup>1</sup> had been proposed to be analyzed on a semi-annual basis, in addition to the quarterly analysis for only volatile organic compounds (VOCs). Groundwater monitoring reports were proposed to be submitted to the WDNR on a semi-annual basis.

As we discussed on October 9, 2006, STS' revised groundwater monitoring program will consist of completion of a baseline groundwater monitoring event shortly before EVO injection followed by two years of semi-annual groundwater monitoring, for a total of five groundwater monitoring events. Each of these five semi-annual groundwater monitoring events will include laboratory analysis for the comprehensive list of parameters noted above, and will include preparation of the semi-annual groundwater monitoring reports for submittal to the WDNR. In addition, two groundwater samples will be collected (from monitoring wells MW-4 and MW-5) and submitted for laboratory analysis of quantitative polymerase chain reaction (Q-PCR) three months after injection of EVO. Based on this revised scope of work, estimated costs for the two-year groundwater monitoring and reporting program are summarized as follows (Table 1):

<u>Work Element</u>	<u>Estimated Cost (5 Events)</u>
STS Field Labor and Expense	\$8,154
STS Report Preparation	\$9,112
Laboratory Contractors	\$13,240
Project Management, Accounting, Communications	<u>\$4,800</u>
	\$35,306

**SOIL EXCAVATION, DISPOSAL, AND BACKFILLING**

As indicated above, STS has received cost proposals from two local soil excavation, disposal, and backfilling contractors at the request of Mr. Wayne Butz. As indicated in the attached cost proposal, these tasks can be completed for an estimated total contractor cost of \$41,280. Additional costs would be incurred for the excavation, transport and disposal of hazardous waste soil, or non-hazardous waste soil in excess of the estimated total of 930 tons. This updated contractor cost is indicated in the attached Table 1.

<sup>1</sup> Volatile organic compounds, total organic carbon, volatile fatty acids, nitrate/nitrite, sulfate, dissolved iron, ethene, ethane, and methane.



Wisconsin Department of Natural Resources  
STS Proposal No. 200605868  
October 17, 2006

**CLOSING**

Based on the reduced scope of work and updated contractor costs documented herein, the updated total estimated project cost identified in Table 1 (\$160,431) represents a cost savings of \$29,161 from the original scope. The proposed Conditions of Service and Fee Schedule remain consistent with those provided as part of STS' "Proposal for Remedial Action Services" dated September 26, 2006. If the terms of the services proposed herein are acceptable to you, please provide your signature in the space provided below and return one copy to the undersigned. If you have any questions, please do not hesitate to contact us. Thank you again for the opportunity to provide remedial action services associated with this matter.

Respectfully,

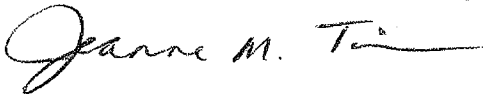
STS CONSULTANTS, LTD.

ACCEPTED AND APPROVED:



Mark M. Mejac, P.G., C.G.W.P.  
Senior Project Scientist - Hydrogeologist

BY: \_\_\_\_\_



Jeanne M. Tarvin, P.G., C.P.G.  
Senior Principal Scientist - Hydrogeologist

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

Enclosures:

Table 1

Ray Zobel & Sons, Inc. Proposal dated October 13, 2006

cc: Mr. Wayne Butz



Table 1  
Estimated Project Costs  
Reedsburg Cleaners, Reedsburg, Wisconsin  
STS Proposal No. 200605868

Description	Principal	Sr. Consultant	Consultant	Sr. Tech	Technician	Drafting	Clerical	Expenses	TOTAL	Comments
Pre-Construction Documents and Permit Requests	6	36	52	5		20	12	\$ 200	\$ 12,843.00	
Excavation of PCE-Impacted Soil/USTs	2	10	12	40			4	\$ 44,680	\$ 50,370.00	Excavation, Transportation, Disposal, Backfill, Pavement Contractors
Installation of 10 Injection Wells		6	8	36				\$ 16,800	\$ 20,828.00	Injection Well Installation Contractor
Implementation of Biodegradation System	4	30		60			4	\$ 22,900	\$ 31,444.00	Emulsified Oil Injection Contractor
Construction Documentation Report	6	18	26			10	12	\$ 100	\$ 6,990.00	
Groundwater Monitoring (2 years - 5 events)	12	40	40	72	54	24	24	\$ 13,900	\$ 35,308.00	Analytical Laboratory
Case Closure Documents/Permitting	2	16				4	2	\$ 100	\$ 2,650.00	
<b>TOTAL HOURS</b>	<b>32</b>	<b>156</b>	<b>138</b>	<b>213</b>	<b>54</b>	<b>58</b>	<b>58</b>	<b>\$ 98,680</b>	<b>\$160,431.00</b>	
<b>RATE</b>	<b>\$ 155.00</b>	<b>\$ 120.00</b>	<b>\$ 103.00</b>	<b>\$ 69.00</b>	<b>\$ 59.00</b>	<b>\$ 57.00</b>	<b>\$ 46.00</b>	<b>1</b>		
<b>TOTAL COST</b>	<b>\$ 4,960</b>	<b>\$ 18,720</b>	<b>\$ 14,214</b>	<b>\$ 14,697</b>	<b>\$ 3,186</b>	<b>\$ 3,306</b>	<b>\$ 2,668</b>	<b>\$ 98,680</b>	<b>\$ 160,431</b>	

**TOTAL PROJECT     \$ 160,431**

Notes:

1. Well installation contractor cost = \$16,240 to install 10 injection wells.
2. Emulsified vegetable oil injection contractor cost = \$21,780; assumes that on-site water source is available.
3. Soil/UST excavation, disposal, backfill and pavement contractor cost = \$41,280; on-site mobile laboratory = \$2,900 (\$1,450/day).
4. Unit laboratory costs for groundwater are as follows: VOCs = \$55, TOC = \$25, dissolved iron = \$12, sulfate = \$10, nitrate = \$12, ethene/ethane/methane = \$80, VFA = \$50, Q-PCR = \$300.
5. One duplicate groundwater sample per monitoring event will be submitted for laboratory analysis of VOCs.
6. Subcontractor costs do not include markups, as subcontractor markup costs are not reimbursable under DERF.

# Proposal

## RAY ZOBEL & SONS, INC.

321 VETERANS DRIVE  
REEDSBURG, WI 53959

CONSTRUCTION & LOGGING  
GRAVEL, FILL & BLACK DIRT

608-524-2194  
608-524-8094 FAX

To: STS Consultants, Ltd.	Date: October 13, 2006
11425 West Lake Park Drive	Location: Reedsburg Cleaners, Reedsburg, WI
Milwaukee, WI 53224-3025	Telephone: 414-577-1363 Mark Mejac

We hereby submit specifications and estimates for:

Sawcut, remove and dispose 2,000 sq. ft. of concrete	\$800.00
Excavate, load and transport 930 tons of contaminated soil at a non-hazardous waste landfill @ \$31.00 per ton	\$28,830.00
Excavate and dispose three 1,000 gallon tanks	\$ 1,000.00
Backfill and compact excavation with sand and gravel	\$6,750.00
Install 2,000 sq. ft. of asphalt 2.5" compacted E3 hot mix (Asphalt contractor will be done paving the 14 <sup>th</sup> of November)	\$3,900.00

**TOTAL: \$41,280.00**

**NOTE:** Above prices are for your quantities. Actual payment will be on weighted quantities.

In the event the contractor encounters unforeseen difficulties involving rock, quicksand or other similar problems in the work, additional compensation shall be on the basis of time and materials.

As required by the Wisconsin construction lien law, builder hereby notifies owner that persons or companies furnishing labor or materials for the construction on owner's land may have lien rights on owner's land and buildings if not paid. Those entitled to lien rights, in addition to the undersigned builder, are those who contract directly with the owner or those who give the owner notice within 60 days after they first furnish labor or materials for the construction, and should give a copy of each notice received to his mortgage lender, if any. Builder agrees to co-operate with the owner and his lender, if any, to see that all potential lien claimants are duly paid.

**WE PROPOSE** hereby to furnish material and labor – complete in accordance with above specifications, for the sum of  
**PAYMENT TO BE MADE AS FOLLOWS:** Within 30 days after invoiced

**AUTHORIZED SIGNATURE:** Gary Zobel (sig)

**NOTE:** This proposal may be withdrawn by us if not accepted within 60 days.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration and/or deviation from the above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements are contingent upon strikes, accidents or delays beyond our control. Owner is to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance. Wisconsin Lien Law applies if not paid within thirty (30) days after completion.

**Acceptance of Proposal:** The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

DATE OF ACCEPTANCE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_