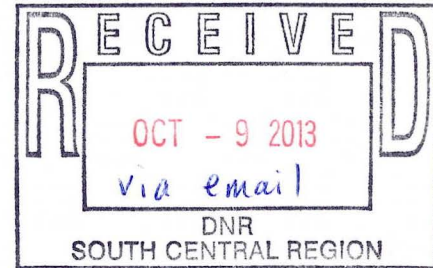




October 9, 2013

Ms. Denise Nettlesheim  
Wisconsin Department of Natural Resources  
3911 Fish Hatchery Road  
Fitchburg, WI 53711



**RE: Scope of Additional Site Investigation and Change Order # 2, Olde Tyme Cleaners, 925 Horicon Street, Mayville, WI, BRRTS # 02-14-551994**

Dear Denise:

Per our recent discussion, the scope of work and budget for additional site investigation at the above-referenced site has been prepared.

The previous results have been presented in earlier submittals. Two rounds of groundwater sampling and 14 borings have been installed on the property. Four of the borings have been completed as existing groundwater monitoring wells or piezometers. Vapor samples were obtained from beneath and inside the building. Based on the results, additional work is necessary to define the extent of contamination.

Proposed Scope of Work and Methods

The following work is proposed, and proposed test locations are shown on Figure 1:

- Geoprobe borings at five locations (TW-12, TW-13, B-14, B-15, B-16), including two indoor locations.
- Four monitoring well installations (MW-5, MW-6, MW-107, MW-8), including two off-site locations west on the adjacent strip mall property.
- Analysis of 18 soil samples for VOCs from the nine additional test locations
- Recovery of three grab groundwater samples from the geoprobe borings (if possible to obtain)
- Development and surveying of the new site monitoring wells
- Completion of four rounds of groundwater samples from the monitoring well network, which will consist of the eight site wells, one well (MW-7) on the Dodge County property to the east, and an expected one temporary well location beneath the drycleaner building.

- Access and communication of the results with the adjacent property owner to the west
- Disposal of soil cuttings from the drilling activities
- Data evaluation and interpretation
- Reporting and project management

Test methods will be similar to previously performed work. The two indoor geoprobe borings will be advanced using a hand cart rig, if it is able to access the interior of the building through the existing facility doors. If not, manual methods will be used to advance a boring inside the building near the drycleaning machine.

Well construction drilling methods were previously successful using hollow stem augers, although the hardpan geologic strata makes drilling difficult. Split spoon sampling will be performed on a continuous basis, but recoveries are anticipated to be fairly poor in the dense formation. The well depths will be 30 feet, with 15 foot wells screens, although 25 foot well depths may be acceptable for the two borings on the neighboring property to the west, as the ground surface elevation drops to the west. Soil cuttings will be drummed and properly discarded upon receipt of the laboratory test results. Soil samples will be retained for VOC laboratory analysis from the most elevated PID response interval, or from the following intervals:

MW-5	2-4'	8-10'	
MW-6	2-4'	14-16'	28-30'
MW-107		14-16'	28-30'
MW-8	10-12'(sewer base)		28-30'
TW-12	4-6'	10-12'	
TW-13	2-4'	10-12'	
B-14	2-4'	10-12'	
B-15	2-4'	10-12'	
B-16		10-12'	

Grab groundwater samples will be obtained from select Geoprobe borings if water is present at the borehole base. A temporary well will be installed if water appears present at the indoor boring near the drycleaning machine.

Four rounds of groundwater samples will be obtained from the final well network, with analysis for VOCs. One round of samples will be obtained for geochemical parameters. Two rounds of groundwater samples have already been obtained from the existing five monitoring wells, so a total of six rounds of groundwater samples will be obtained from those wells. With the new DNR recommendation for a minimum of four and a preferred eight rounds of groundwater samples from a site, the proposed monitoring is a compromise.

Project management will include correspondence, obtaining access to the neighboring property for well installations, and transmittal of results to the DNR and other interested parties. Data evaluation and interpretation will also be completed when results are obtained and information updated.

Cost Estimate, DERF Reimbursement, and Change Order

The estimate cost to finish the site investigation is shown on Table 1 as \$28,160. Change Order # 2 is attached for review and approval to allow the project to proceed and remain DERF eligible for reimbursement.

The previous approved budget for the site investigation was \$21,496. With the requested additional funds on Change Order # 2, the site investigation budget totals \$49,656. All of these charges are anticipated to be eligible for reimbursement under DERF. Now that the DERF deductible of \$10,000 has been met, 100% of these eligible costs should be recovered from the DNR under the DERF program.

DERF claims can be submitted upon reaching \$15,000 in eligible expenses and when a change in the scope of work is proposed that requires DNR review. At present, charges billed and paid by Mr. Drews since the last DERF claim submittal already total approximately \$6,100. With completion of the drilling and initial sample event, it is expected another claim for DERF reimbursement can be filed.

The requested funds include budget to cover prior expenses that exceeded the approved budget due to site conditions. These include the need to drill to a greater depth than expected for the well installation, a greater cost for drummed soil disposal, and more data evaluation, reporting, and management time.

Please review this information and return the attached change order to authorize the project to proceed.

I look forward to hearing from you.

Sincerely,



Kendrick A. Ebbott, P.G.

Attachments: Table 1: Additional Site Investigation Cost Estimate  
Change Order # 2 Additional Site Investigation Oct 9, 2013  
Figure 1: Proposed Additional Borings

cc: Mr. Dennis Drews N9312 21<sup>st</sup> Street, Neshkoro, WI 54960 w/ Attachments via email

**TABLE 1**  
**Additional Site Investigation Cost Estimate, Olde Tyme Cleaners, Mayville**  
**9-Oct-13**

<b>ITEM DESCRIPTION</b>	<b>Unit Price</b>	<b>Quantity</b>	<b>Units</b>	<b>Total Cost</b>
<b>CONSULTING SERVICES</b>				
<b>Task 1: NR 716 Work Plan</b>				
			<i>Subtotal Task</i>	\$0.00
<b>Task 2: Geoprobe Boring and Grab Groundwater Samples</b>				
Geoprobe Drilling Services (5 Borings, 3 Grab water if poss, two inside hand cart, assume 12' refuse)				
Hydrogeologist V	\$90.00	2	hour	\$180.00
Technician II-Drill/soil sample	\$65.00	18	hour	\$1,170.00
PID	\$75.00	1	day	\$75.00
Expendible Field Supplies - Soil Sampling	\$25.00	1	each	\$25.00
			<i>Subtotal Task</i>	\$1,450.00
<b>Task 3: Monitoring Well Installation, Development &amp; Survey</b>				
Drilling Services (4 Wells to 30')				
Hydrogeologist V	\$90.00	2	hour	\$180.00
Hydrogeologist II	\$75.00	4	hour	\$300.00
Technician II-Drill/soil sample/Well Install	\$65.00	20	hour	\$1,300.00
Technician II-Well Develop, Survey	\$65.00	12	hour	\$780.00
Technician II-Drum Disposal, Set-up / Complete	\$65.00	6	hour	\$390.00
PID	\$75.00	2	day	\$150.00
Water Level Indicator	\$21.00	1	day	\$21.00
Survey Equipment	\$35.00	1	day	\$35.00
Bailers	\$15.00	4	each	\$60.00
Expendible Field Supplies - Soil Sampling	\$25.00	1	each	\$25.00
			<i>Subtotal Task</i>	\$3,241.00
<b>Task 4: Groundwater Monitoring (4 quarterly rounds) (6 total for initial wells, 4 for new wells)</b>				
Hydrogeologist V	\$90.00	1	hour	\$90.00
Technician II- Sample	\$65.00	11	hour	\$715.00
Water Level Indicator	\$21.00	1	day	\$21.00
Peristaltic Pump	\$40.00	1	day	\$40.00
Water Quality Meter	\$125.00	1	day	\$125.00
Expendible Field Supplies- (sample tubing etc)	\$40.00	1	each	\$40.00
			Event Subtotal	\$1,031.00
			<b>Events</b>	<b>4</b>
Filters (one event)	\$20.00	11	each	\$220.00
			<i>Subtotal Task</i>	\$4,344.00
<b>Task 5: Install &amp; Sample Vapor Probe</b>				
			<i>Subtotal Task</i>	\$0.00
<b>Task 6: Data Evaluation &amp; Site Investigation Report Preparation</b>				
Hydrogeologist V	\$90.00	30	hour	\$2,700.00
Hydrogeologist II	\$75.00	8	hour	\$600.00
Drafting	\$55.00	10	hour	\$550.00
Administrative Assistant	\$40.00	1	hour	\$40.00
			<i>Subtotal Task</i>	\$3,890.00
<b>Task 7: Project Management, Access</b>				
Hydrogeologist V	\$90.00	30	hour	\$2,700.00
Drafter	\$55.00	4	hour	\$220.00
Administrative Assistant	\$40.00	4	hour	\$160.00
			<i>Subtotal Task</i>	\$3,080.00
<b>CONSULTING SERVICES TOTAL</b>				<b>\$16,005.00</b>

**TABLE 1**  
**Additional Site Investigation Cost Estimate, Olde Tyme Cleaners, Mayville**  
**9-Oct-13**

<b>ITEM DESCRIPTION</b>	<b>Unit Price</b>	<b>Quantity</b>	<b>Units</b>	<b>Total Cost</b>
<b>COMMODITY SERVICES : BILLED DIRECTLY TO CLIENT</b>				
<b>Task 2: Geoprobe Boring and Grab Groundwater Samples</b>				
Geoprobe Drilling Services (5 Borings, 3 Grab water if poss, two inside hand cart, assume 12' refuse)				
Mobilization/ Diggers Hotline	\$400.00	1	lump	\$400.00
Drill and Sample (5 @ 12' )	\$9.00	60	foot	\$540.00
Install 1" monitoring well	\$5.00	36	foot	\$180.00
Flush mount cover - 1" well	\$80.00	0	each	\$0.00
Decontamination	\$75.00	1	each	\$75.00
Concrete Penetration	\$25.00	2	each	\$50.00
Borehole Abandonment	\$0.50	60	foot	\$30.00
Grab Water Samples	\$25.00	3	each	\$75.00
			<i>Subtotal Geoprobe Drilling</i>	<b>\$1,350.00</b>
Laboratory Services				
VOC- Soil (2 / hole)	\$55.00	10	each	\$550.00
VOC- GW Grab	\$55.00	3	each	\$165.00
			<i>Subtotal Lab</i>	<b>\$715.00</b>
			<i>Subtotal Task</i>	<b>\$2,065.00</b>
<b>Task 3: Monitoring Well Installation, Development, Surveying</b>				
Drilling Services (4 Wells to 30')				
Mobilization	\$450.00	1	lump	\$450.00
Drill and Sample (4 @ 30')	\$14.00	120	foot	\$1,680.00
Well Installation	\$16.00	120	foot	\$1,920.00
Decontamination	\$75.00	3	hour	\$225.00
Flush Mount Covers	\$175.00	4	each	\$700.00
Drums	\$65.00	10	each	\$650.00
			<i>Subtotal Drilling</i>	<b>\$5,625.00</b>
Laboratory Services				
VOC- Soil (2 / boring)	\$55.00	8	each	\$440.00
			<i>Subtotal Lab</i>	<b>\$440.00</b>
Investigative Waste Disposal - 10 Drums Soil (assume non-hazardous)				
Non-Haz Disposal Drums Soil	\$85.00	10	each	\$850.00
Pick-up / Transport Non Haz	\$150.00	1	each	\$150.00
Fuel Surcharge (per trip)	\$75.00	1	lump	\$75.00
			<i>Subtotal Disposal Nonhazardous</i>	<b>\$1,075.00</b>
			<i>Subtotal Task</i>	<b>\$7,140.00</b>
<b>Task 4: Groundwater Monitoring (4 quarterly rounds) (6 total for initial wells, 4 for new wells)</b>				
Laboratory Services per Round				
VOC- 5 exist, 4 new, 2 inside + dup = 11/rd.	\$55.00	11	each	\$605.00
			Event Subtotal	\$605.00
			<b>Events</b>	<b>4</b>
NA Parameters - One Event Only (methane, ethane, ethene, iron, manganese, nitrate/nitrite, sulfate)				
	\$106.00	5	each	\$530.00
			<i>Subtotal Lab</i>	<b>\$2,950.00</b>
<b>Task 5: Install and Sample Vapor Probe</b>				
			<i>Subtotal Task</i>	<b>\$0.00</b>
<b>COMMODITY SERVICES TOTAL</b>				<b>\$12,155.00</b>
<b>TOTAL REMAINING SI PROJECT COST</b>				<b>\$28,160.00</b>

**CHANGE ORDER # 2 - Additional Site Investigation: Oct 9, 2013**  
 Olde Tyme Cleaners Facility, Mayville, WI

ITEM DESCRIPTION	Total Addl Cost	Prior Appvd Cost	Total Cost
Consultant Site Investigation Prior Budget			
Subtotal Task	\$16,005.00	\$9,985.00	\$25,990.00
Consultant Interim Action Vapors Change Order # 1 Prior Budget			
Subtotal Task	\$0.00	\$1,410.00	\$1,410.00
Contractor Site Investigation Prior Budget			
Subtotal Task	\$12,155.00	\$8,701.00	\$20,856.00
Contractor Interim Action Vapors Change Order # 1 Prior Budget			
Subtotal Task	\$0.00	\$1,400.00	\$1,400.00
<b>TOTAL</b>	<b>\$28,160.00</b>	<b>\$21,496.00</b>	<b>\$49,656.00</b>

<b>ADDITIONAL REQUESTED SERVICES DETAILS</b>	
<b>CONSULTANT SERVICES</b>	
Task 2: Geoprobe Borings	1450
Task 3: Drilling, Well Install Develop Survey	3241
Task 4: Groundwater Sampling	4344
Task 5: Vapor Evaluation	0
Task 6: Data Evaluation and Reporting	3890
Task 7: Project Management and Access	3080
Subtotal Consultant	<b>\$16,005.00</b>
<b>CONTRACTOR SERVICES</b>	
Task 2: Geoprobe Borings	1350
Task 2: Geoprobe Borings Lab	715
Task 3: Drilling, Well Install Develop Survey	5625
Task 3: Drilling, Well Install Develop Survey Lab	440
Task 3: Drilling, Well Install Develop Survey Soil Drum Disposal	1075
Task 4: Groundwater Sampling Lab	2950
Task 5: Vapor Evaluation	0
Task 6: Data Evaluation and Reporting	0
Task 7: Project Management and Access	0
Subtotal Consultant	<b>\$12,155.00</b>
<b>TOTAL REQUESTED ADDITIONAL FUNDS</b>	<b>\$28,160.00</b>

<b>TOTAL SITE INVESTIGATION BUDGET</b>		
Consulting		\$27,400
Commodity		\$22,256
<b>TOTAL</b>		<b>\$49,656</b>

Olde Tyme Cleaners approves of the site investigation costs described above and authorizes Alpha Terra Science to proceed with these activities. Alpha Terra shall not exceed any of these costs without receiving written authorization. The terms and conditions of the original contract for this project will apply to these services.


\_\_\_\_\_ Date \_\_\_\_\_

Olde Tyme Cleaners

This approval does not guarantee the reimbursement of costs. Final determination regarding the eligibility of costs will be determined at the time of claim review.

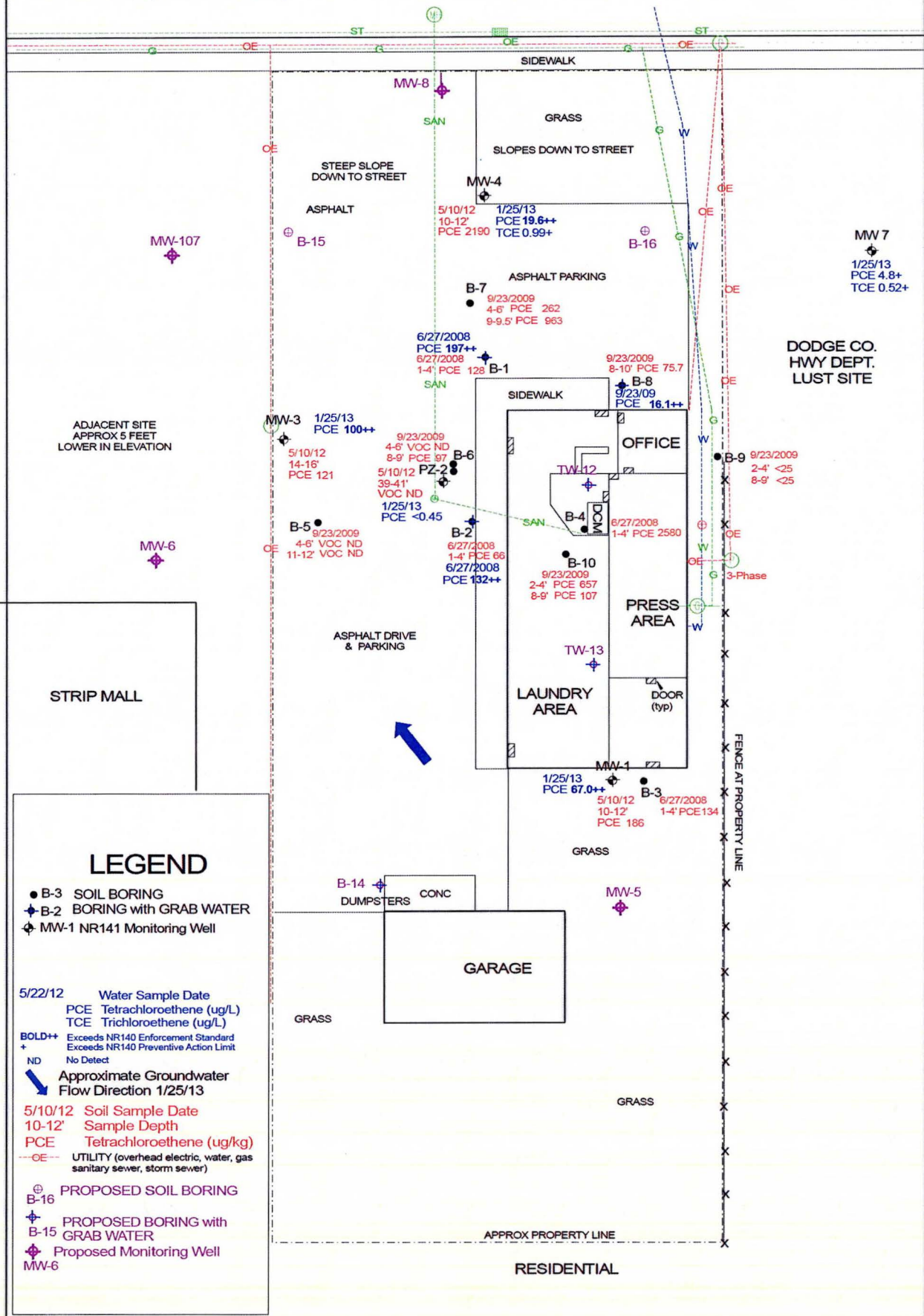
\_\_\_\_\_ Date \_\_\_\_\_

Ms. Denise Nettesheim, WDNR

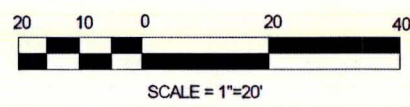
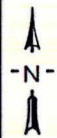
 \_\_\_\_\_ Date 9-Oct-13

Mr. Ken Ebbott, Alpha Terra Science

HIGHWAY 26 (HORICON STREET)



DODGE CO. HWY DEPT. LUST SITE



TITLE Proposed Additional Borings		ALPHA TERRA SCIENCE	
SITE Olde Tyne Cleaners, Mayville, WI		DATE 10/9/13	FILE CODE lstmmapr1.sht
SCALE 1"=20'	ATS PROJ# OTC-2009-01	APPROV	DRAWN BY KE
			FIGURE 1