



AECOM
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Stevens Point, WI 54481
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715 341 8110 tel
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March 29, 2018

Matthew Vitale
Wisconsin Department of Natural Resources
Remediation and Redevelopment Program
1300 West Clairemont Avenue
Eau Claire, WI 54701

**Subject: Change Order No. 9 for Environmental Services (DERF)
Site Closure
Former Normington Dry Cleaners
3049 South Church Street
Stevens Point, Wisconsin
WDNR BRRTS No. 02-50-525911
AECOM Project No. 60135040**

Dear Mr. Vitale:

On behalf of Michael Normington, AECOM is submitting this Change Order to prepare a case closure request and abandon monitoring wells at the Former Normington Dry Cleaners site. AECOM has completed all site investigation and limited remedial action tasks previously approved under Wisconsin's Dry Cleaner Environmental Repair Program Fund (DERF) to date.

AECOM's most recent work and results for the site were documented in our NR 716 Site Investigation and Groundwater Monitoring Report Addendum, dated November 2017. Based on results we obtained, the following recommendations were provided in the report:

- Additional subsurface investigation, VI investigation, and groundwater monitoring are not warranted.
- Preparation and submittal of a Case Closure Request and GIS Registry package to the Wisconsin Department of Natural Resources (WDNR) is appropriate.
- Payment of Chapter NR 749, Wis. Admin. Code, fees to the WDNR totaling \$1,700 will be required to cover the case closure review fee (\$1,050), the online database fee for a site with groundwater contamination exceeding an NR 140 ES (\$350), and the online database fee for a site with soil contamination exceeding an NR 720 Residual Contaminant Level (\$300).

Note: According to s. NR 749.04(1), Wisconsin Administrative Code, fees paid to the WDNR are not refundable.

Scope of Services

The Scope of Services covered by this Change Order include the following:

1. Regulatory Case Closure Assistance

- a. Prepare and submit a Case Closure – GIS Registry package (WDNR Form 4400-202) to the WDNR for review and comment; address the WDNR's review comments, and submit revised case closure request documentation, if necessary.
- b. Prepare and submit notifications of residual contamination (e.g., soil exceeding the NR 720 RCL-gw for tetrachloroethene (PCE) and/or groundwater exceeding the NR 140 Enforcement Standard for PCE at MW-3) to the following parties:



- Current owner of the subject property (City of Stevens Point at 3049 South Church Street) for soil and adjacent Cleveland Avenue right of way for groundwater
- One adjacent private property owner for groundwater (South Point Restaurant at 3057 South Church Street)

2. Monitoring Wells Abandonment

- a. Retain a subcontractor to abandon site monitoring wells and patch pavements where necessary.
- b. After receipt of the WDNR's Conditional Closure Letter, abandon site monitoring wells in accordance with requirements of Chapter NR 141, WAC, and patch pavements with like materials (e.g., concrete and asphalt) where necessary. Monitoring wells to be abandoned include MW-1, MW-3, MW-4, MW-5, MW-6, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, and PZ-1.

Note: Monitoring Wells MW-2, MW-7 and PZ-2 were previously abandoned.

- c. Document each well abandonment on Form 3300-005 and submit copies of the completed forms to the WDNR.

Assumptions

The Scope of Services covered by this Change Order is subject to the following assumptions or conditions:

1. The WDNR will require the site to be added to the agency's online GIS Registry of Contaminated Sites because residual PCE in soil exceeds the NR 720 RCL-gw and PCE in groundwater exceeds the NR 140 ES.

Schedule

The Scope of Services covered by this Change Order is anticipated to proceed according to the following schedule:

- | | |
|--|--------------------|
| 1. Case Closure Request Prep and Submittal to WDNR | Spring/Summer 2018 |
| 2. Monitoring Wells Abandonment | Summer 2018 |



Cost

For informational purposes, the total DERF eligible costs (approved and proposed), including SI and Remedial Action, for this site are summarized as follows:

Basic Scope of Work	\$15,060.00	(approved June 11, 2009)
Optional Scope of Work	\$13,068.00	(approved June 11, 2009)
Basic Scope of Work (Change Order #1)	\$2,572.38	(approved February 1, 2010)
Additional Optional Scope of Work (Change Order #2)	\$24,092.00	(approved October 14, 2010)
Additional SI Scope of Work (Change Order #3)	\$20,934.00	(approved August 11, 2011)
Additional SI Scope of Work (Change Order #4)	\$21,045.00	(approved June 12, 2012)
Interim Groundwater Monitoring (Change Order #5)	\$14,340.00	(approved July 22, 2013)
Abandon Off-Site Monitoring Wells (Change Order #6)	\$616.00	(approved October 7, 2013)
Additional SI Scope of Work (Change Order #7)	\$21,115.00	(approved April 5, 2016)
Remedial Action Scope of Work (Change Order #8)	<u>\$20,175.00</u>	(approved July 25, 2016)

Subtotal \$152,017.38

Case Closure & MWs Abandonment (Change Order #9) \$9,421.00 (proposed)

Total Project Cost \$161,438.38

Please call me at (715) 342-3039 if you have any questions.

Sincerely,

David S. Senfelds, PE, CHMM
Project Manager

Enclosures: As Noted

c/enc: Michael J. Normington (electronic only)
Kyle Wagoner, AECOM

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Site Information

Site Name: Former Normington Dry Cleaners, BRRTS #02-50-525911

Consultant Name: AECOM

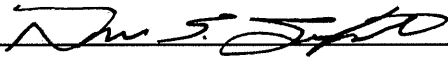
Applicant Name: Michael J. Normington

Cost Summary - Site Closure

Drilling Costs Total =	\$2,741.00
Analytical Costs Total =	\$0.00
Consulting Costs Total =	\$6,680.00
Misc Costs Total =	\$0.00
Grand Total (Additional) =	\$9,421.00

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

3/29/18

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

Consultant Name: AECOM
 Site Name: Normington Dry Cleaners
 BRRTS #: 02-50-525911

DERF
Drilling Costs

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Drilling Costs						
Task	Interval or unit	Number of Borings, Wells, etc.	Number of Days	Total Number Feet Abandoned	Cost/feet, etc.	Total Cost
Well Drilling, Installation and Completion						
Not Applicable						
Auger Borings (continuous sampling)						
Not Applicable						
Auger Borings (specify split spoon sampling interval)						
Not Applicable						
Direct Push Borings (per point)						
Not Applicable						
Well Development (if done by subcontractor)						
Not Applicable						
Other						
Monitoring Wells Abandonment (Geiss)		12 wells		331 lin. Ft.	see quote sheet	\$2,741.00
Total Drilling Costs						\$2,741.00

Geiss Soil & Samples, LLC.

Geoprobe™ Services

~~CONFIDENTIAL~~

March 26, 2018

Firm: AECOM

Project Name: F. Normington's Laundry
3049 South Church St

Contact Person: Kyle Wagoner

Project Location: Stevens Point, WI

Phone Number: 715-341-8110

Fax Number: 715-341-7390

Job Description: Abandon 12 wells (Total 311ft)

DESCRIPTION	QTY	UNIT PRICE	ESTIMATED COST
Mobilization / Travel	1	325.00	325.00
Track Skidsteer Rental	1	550.00	550.00
Per Diem		350.00/night	
Samples			
Water			
Soil			
Hole Abandonment			
PER DAY RATE			
2" Well Abandonments Includes Patch of Concrete & Asphalt	311FT	6.00/ft	1866.00
Total Estimated Cost:			\$2,741.00

Prices may vary dependent upon actual work performed on site

Responsibilities of Client:

- Provide on site directions for all sampling.
- Provide reasonable access to sampling location.
- Clear all underground utilities within the sampling areas.
- Prepare and provide all sample containers for off-site sample analysis.
- Prepare WDNR forms as required.

This proposal is subject to the 'Standard Terms & Conditions' of our contract

Authorized Geiss, LLC. Signature

Authorized Client Signature

Your signature on this proposal authorizes the performance of this work.

IF THE SCOPE OF WORK CHANGES MORE THAN 30% THERE WILL BE A CHANGE ORDER ISSUED.

W4490 POPE ROAD • MERRILL, WI • 54452
PHONE: 715-539-3928 • FAX: 715-536-7103

Parameter	WI Certified Lab			Field Test/Field Kit			Mobile Lab			Total Costs
	\$/sample	# samples	Method Used	\$/sample	# samples	Method Used	\$/Sample \$/Day	# Samples # Days	Method Used	
Solids Analysis										
VOCs										\$0.00
TCLP VOCs for Haz Waste Determination										\$0.00
Water Analysis (low flow sampling assumed unless otherwise indicated at bottom of this sheet)										
VOCs										\$0.00
Dissolved Oxygen*										N/C
Temperature*										N/C
Ferrous Iron*										\$0.00
Sulfate*										\$0.00
Sulfide*										\$0.00
ORP*										N/C
pH*										N/C
TOC*										\$0.00
Alkalinity*										\$0.00
Chloride*										\$0.00
Spec. Conductance*										N/C
Ethene/Ethane/Methane*										\$0.00
Hydrogen*										\$0.00
Carbon Dioxide*										\$0.00
RCRA Metals										\$0.00
Duplicate										\$0.00
Blank Analyses										\$0.00
Other: Manganese*										\$0.00
										\$0.00
Air Analysis										
Not Applicable										\$0.00
Waste Analyses (soil/water)										
Not Applicable										\$0.00
Miscellaneous (specify)										
Not Applicable										\$0.00
Charge for Mobile Lab (indicate # days and daily fee)										
Total Analytical Costs										\$0.00

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

Consultant Name: AECOM
 Site Name: Normington Dry Cleaners
 BRRTS #02-50-525911

**DERF Site Closure
 Consultant Costs**

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Position (specify)	Hourly Rate	Hours/Task							Total Costs	
		Case Closure Request - GIS Registry Pkg.	Abandon Monitoring Wells (Coord, Oversight & Documentation)	PM/Admin				Other (specify)		
Professional Staff										
Project Manager	\$150.00			6					\$900.00	
Sr. HydroGeo	\$125.00	6	2						\$1,000.00	
Staff HydroGeo	\$75.00	48							\$3,600.00	
									\$0.00	
									\$0.00	
Field Staff										
Staff HydroGeo	\$75.00		8						\$600.00	
									\$0.00	
									\$0.00	
Office Support Staff										
CAD	\$55.00	4							\$220.00	
Admin/Word Process	\$45.00	4		4					\$360.00	
									\$0.00	
									\$0.00	
Total Consulting Costs									\$6,680.00	

Major Activity	Specifications	Commodity Unit (specify)	Unit Rate	Number of Units	Total Cost
IDW Disposal					
Equipment Rental (list and include shipping costs if applicable)					
Field Supplies (list)					
Surveying					
Miscellaneous					
Sample Shipping Costs					
Other (specify)					
Total Miscellaneous Costs					\$0.00

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.