

May 2, 2005  
(PWC 01-2203-2723.100)

*rec'd 5/4/05 AB*

Mr. Andrew Boettcher  
Wisconsin Department of Natural Resources  
Southeast Region Headquarters  
2300 North Dr. Martin Luther King Drive  
Post Office Box 12436  
Milwaukee, Wisconsin 53212

RE: Revised Change Order, Former Packard Way Cleaners, 3650-3652 East Barnard Avenue,  
Cudahy, Wisconsin; WDNR BRRTS #02-41-515150, FID# 241490920

Dear Mr. Boettcher:

Northern Environmental Technologies (Northern Environmental) is providing a revised Change Order and requesting approval for additional work and funding at the former Packard Way Cleaners, 3650-3652 East Barnard Avenue, Cudahy, Wisconsin (the Site). A Change Order detailing the completion of four tasks was submitted to the Wisconsin Department of Natural Resources (WDNR) in a February 25, 2005 letter. After review, the WDNR required several modifications to the Change Order.

**CHANGE ORDER REVISIONS**

During an April 19, 2005 telephone conversation, Andy Boettcher, WDNR project manager, requested the following revisions.

- ▲ Change the vapor sample locations from the basement air, outside air, and first floor to vapor probe VP2, basement air and outside air.
- ▲ Before installing the sub-slab depressurization system, collect one round of vapor samples from vapor probe VP2, basement air and outside air.
- ▲ Determine if the connection of the sump crock to the sanitary sewer is allowable under Metropolitan Milwaukee Sewerage District (MMSD) and city of Cudahy (the City) regulations. According to the City, the present connection does not comply with city ordinances. The City and MMSD can allow the connection to remain if a variance request is sent to the City. Before submitting the variance, a water sample will be collected from the sump crock and submitted for laboratory analysis for volatile organic compounds (VOCs) using Environmental Protection Agency Method 8021. The laboratory results will be attached to a written variance request and submitted to the City. Additionally, an estimate of the daily volume of water discharged to the sanitary sewer will be included in the variance request. The City will work with MMSD to determine if this connection can remain.

**REVISED PROJECT COSTS**

The estimated costs to perform additional site investigation and install a vapor mitigation system detailed in the February 25, 2005 letter and the items discussed above are itemized below. The total estimated cost for completion of the proposed work (Tasks 1.0 through 4.0) is **\$11,883.75**.

**Task 1.0 Install Vapor Mitigation System and Perform Air Monitoring**

Consulting/Engineering Services			
Senior Professional	1 hours	@ \$104/hr	\$104.00
Professional	8 hours	@ \$80/hr	640.00
Truck	135 miles	@ \$0.45/mile	<u>60.75</u>
		<b>Subtotal</b>	<b>\$804.75</b>
Vapor Mitigation System Installation			
Install Mitigation System		Lump Sum	\$1,050.00
Install Submersible Sump Pump		Lump Sum	<u>200.00</u>
		<b>Subtotal</b>	<b>\$1,250.00</b>
Laboratory Analysis			
Vapors	9 VOCs	@ \$300 each	<b><u>\$2,700.00</u></b>
		<b>TOTAL TASK 1.0</b>	<b>\$4,754.75</b>

**Task 2.0 Site Investigation**

Consulting/Engineering Services			
Senior Professional	6 hours	@ \$104/hr	\$ 624.00
Professional	30 hours	@ \$80/hr	2,400.00
Truck	90 miles	@ \$0.45/mile	40.00
Water Level Indicator	1 day	@ \$21/day	21.00
Laser Level and Rod	1 day	@ \$100/day	100.00
Photoionization Detector	1 day	@ \$75/day	<u>75.00</u>
		<b>Subtotal</b>	<b>\$3,260.00</b>
Soil Borehole Drilling and Sampling (GeoProbe®)			
Mobilization		Lump Sum	\$ 175.00
Limited Access GeoProbe® Unit		Lump Sum	275.00
Permit Fee	1 well	@\$50/well	50.00*
Drill/Sample	75 feet	@ \$7/ft	525.00
Temporary Well Installation	5 wells	@ \$50/each	<u>250.00</u>
		<b>Subtotal</b>	<b>\$1,275.00</b>
Laboratory Analysis			
Soil	10 VOCs	@ \$50 each	\$ 500.00
Water	11 VOCs	@ \$50 each	<u>550.00</u>
		<b>Subtotal</b>	<b><u>\$1,050.00</u></b>
		<b>TOTAL TASK 2.0</b>	<b>\$5,585.00</b>

**Task 3.0 Data Analysis and Interpretation**

Consulting/Engineering Services			
Senior Professional	2 hours	@ \$104/hr	\$ 208.00
Professional	8 hours	@ \$80/hr	640.00
Technician/Drafting	2 hours	@ \$58/hr	116.00
Administrative	4 hours	@ \$50/hr	<u>200.00</u>
		<b>TOTAL TASK 3.0</b>	<b>\$1,072.00</b>

Note: \* Item is not eligible for the Dry Cleaner Environmental Response Program

**Task 4.0 Project Management**

Consulting/Engineering Services

Senior Professional	3 hours @ \$104/hr	\$312.00
Administrative	3 hours @ \$50/hr	<u>150.00</u>

**TOTAL TASK 4.0** \$ 472.00

**TOTAL ESTIMATED COST** \$11,883.75

Based on the above estimated consultant fee and commodity costs, total site investigation and interim remedial action costs are estimated to be \$26,168.75.

We appreciate your consideration of this request. Please contact us if you have any questions or comments.

Sincerely,  
**Northern Environmental  
Technologies, Incorporated**



Robert K. Sanborn, PG  
Senior Project Manager

RKS/lmh  
Enclosures

c: Ms. Sue Doolin, Packard Way Cleaners