LETTER OF TRANSMITTAL

To: **Mr. Mark Drews**
c/o Ms. Victoria Stovall
WDNR
2300 N. Dr. Martin Luther King Jr. Drive
Milwaukee, WI 53212

From: **Sigma En[redacted]ntal Services, Inc.**
1300 W.[redacted]
Milwaukee, WI 53233

RECEIVED
FEB 6 2008
By VS

Date: 5-Feb-08
Site Name: Martinos Master Drycleaners
Address: 4700 7th Avenue
Kenosha, WI
FID# 230007910
BRRTS # 02-30-287150

Please check the type(s) of documents you have enclosed. Submittals will be tracked and filed based on the information you provide. **Include the FID *and* BRRTS numbers which have been assigned to this site, and identify the intent of the document(s) you are submitting in order to speed processing.** Please attach any required fees to this checklist.

IS THIS RELEASE PECFA-ELIGIBLE?
☐ YES ☐ NO ☐ UNKNOWN AT THIS TIME

Type of Submittal:
☐ LUST ☒ ERP ☐ VPLE ☐ OTHER

CHECK	TYPE OF DOCUMENT / REPORT	FEE	DNR CODE (office use only)
	Notification of Release	none	01
	Tank Closure/Site Assessment *where release(s) have been detected**	none	33
	Site Investigation Workplan	$500 if review is requested ~	35, 135~
	Site Investigation Report **Please Provide the Following Information**	$750 if review is requested ~	37, 137~ 96~ (if SI is incomplete)
	☐ petroleum constituents detected		
	☐ non-petroleum constituents detected		
	☐ groundwater impacts ☐ above PAL ☐ above ES		
	☐ free product		
	☐ contamination in fractured bedrock or within 1 meter of fractured bedrock		
	☐ PAL exceedance in potable well		
	☐ groundwater impacts >ES, within ☐ 100' of private well or ☐ 1,000' of public well		
	Request to Transfer Case to Department of Commerce	none	76
	Off-Site Determination Request	$500 mandatory	638~
	Remedial Action Options Plan	$750 if review is requested	39, 143~
	NR 720.19 Site Specific Clean-Up Goal Proposed	$750 if review is requested	67, 68~
	NR 718 Landspreading Request	$500 mandatory	61~
	Copy of Notification to Treat or Dispose of Contamination Soil or Water	none	99
	Injection/Infiltration Request	$500 mandatory	63~
	Quarterly Report or Update	$500 if review is requested	43~
	O&M Form 4400-194	$300 if review is requested	92, 192~
	Remedial Action Options Report	$750 if review is requested	41, 41~
	Closure Review Request	$750 mandatory	79~
	☐ Closure Form (Mandatory For Review)		
	☐ GIS Registry groundwater greater >ES	$250 mandatory	700
	Request for No Further Action Letter, under ch. NR 708	$250 mandatory	68, 67~
	Copy of Draft Deed Affidavit, Well Abandonment Form Restriction	none	99
	Simple Site Process Submittal Under NR 700.11	none	90~
	Remedial Design Report	$750 if review is requested	147, 148~
	Construction Documentation Reports	$250 if review is requested	151, 152~
	Long Term Monitoring Plan	$300 if review is requested	24, 25~
	Voluntary Party Liability Exemption (VPLE) Application	$250 mandatory	662~
	VPLE Phase I/II Assessments or Additional Reports	Computed hourly	99
	Tax Cancellation Agreement	$500 mandatory	654~
	Negotiated Agreement	$1,000 mandatory	630~
	Lender Assessment	$500 mandatory	686~
	Negotiation and Cost Recovery (municipalities only) Fee for each service	mandatory	90~
	General Liability Clarification Request	$500 mandatory	684
	Lease Letter Request - Single Property	$500 mandatory	646
	Lease Letter Request - Multiple Properties	$1,000 mandatory	646
	Request for Other Technical Assistance	$500 mandatory	97~
X	Other (please describe): DERF Change Order/Interim Action Approval Request		

* Closure reports for sites where no releases have been detected should be sent directly to "Clean Closures" c/o DNR Remediation & Redevelopment Program, P.O. Box 7921, Madison, WI 53707

Remarks:

THE SIGMA GROUP
Single Source. Sound Solutions.

February 5, 2008 Project Reference #7354

Mr. Mark Drews
c/o Ms. Victoria Stovall
Wisconsin Dept. of Natural Resources
2300 N. Dr. Martin Luther King Jr. Drive
Milwaukee, WI 53212

RE: Change Order Request
Interim Action and Additional Soil Sampling
Martino's Master Drycleaners
4700 7th Avenue, Kenosha, Wisconsin
BRRTS #02-30-287150, #03-30-285117
FID #230007910

Dear Mr. Drews:

The purpose of this letter is to request the Wisconsin Department of Natural Resources (WDNR) approval of estimated costs to solicit bids for an interim action related to indoor air quality and to conduct additional soil sampling at the above referenced site. A scope of work and cost estimate for this work is presented below and is being submitted to the WDNR for approval in accordance with ch. NR 169, Wis. Adm. Code (Dry Cleaner Environmental Repair Program.)

BACKGROUND

A work plan and cost estimate for additional groundwater monitoring and ambient air sampling was submitted to the WDNR on July 23, 2007 and subsequently approved by the WDNR in a letter addressed to Mr. Dan Martino dated September 17, 2007. The additional groundwater monitoring activities and ambient air sampling activities were conducted on October 16, 2007. The locations of site buildings and soil borings/monitoring wells are shown on **Figure 1** and groundwater analytical data collected to date are summarized in **Table 1**. **Table 2** summarizes the results of sub-slab vapor and ambient air sampling for tetrachloroethylene (PCE) completed at the site to date.

INTERIM ACTION

Results of ambient air sampling within site buildings indicate the presence of PCE at concentrations greater than the EPA Region III risk-based concentration for PCE in a residential setting. Based on these results, at the request of the WDNR, Sigma has solicited bids for completion of an interim action at the site to address the detected concentrations of PCE in ambient air within the 1st floor store area and 2nd floor apartment area of the northeast site building. Sigma summarized relevant site information, contacted potential contractors, facilitated a site visit with interested contractors, and followed up with contractors for bid submittal. Copies of the received bids are included as **Attachment A.**

Following implementation of the selected interim action by Radon Abatement, Inc., Sigma will complete additional ambient air sampling to evaluate the effectiveness of the implemented action. Ambient air samples will be collected from the following locations: 1) inside the store (currently a pick up and drop off location for dry cleaned materials); and 2) in the residential apartment area above the store. Samples will be collected using SUMA canisters with an eight hour sampling time. Following air sampling the SUMA canisters will be submitted to an analytical laboratory for analysis of PCE, trichloroethene (TCE), cis-1,2-dichloroethene, and vinyl chloride.

ADDITIONAL SOIL TESTING

In addition to the ambient air sampling associated with the interim action, the completion of additional soil sampling in the area of the former dry cleaning equipment in the interior of the northeast site building and to the west of the northern portion of the site buildings is recommended. The intent of the additional soil sampling activities is to delineate the extent of residual soil impacts in these areas to provide data for evaluating the feasibility of potential remedial options. The locations of the proposed soil borings are illustrated on **Figure 2.**

At each interior soil boring location (three proposed), an approximately 6 to 8 inch hole will be cored in the building slab floor with a core drill. A powered hand auger will be used to advance the boring to approximately 8 feet. At proposed exterior soil boring locations, a hydraulic-powered Geoprobe® rig will be used to advance two soil borings to the approximately 8 feet. In all borings, soils will be continuously collected and screened for the presence of volatiles using an organic vapor monitor. Two soil samples per boring will be collected and submitted to a WDNR-approved analytical laboratory for analysis of volatile organic compounds by EPA method 8260. Following completion, each soil boring will be properly abandoned in accordance with Ch. NR 141. Soil spoils produced during boring installation will be containerized in a 55-gallon drum and disposed of as non-hazardous waste following receipt of laboratory analytical results.

Following receipt of results of ambient air sampling and additional soil sampling activities, a summary report will be prepared and submitted along with recommendations for additional site investigation work, remedial action, or case closure.

ESTIMATED COSTS

A detailed cost estimate is presented as **Attachment B**. The total estimated cost for the scope of work presented in this work plan, exclusive of contractor costs associated with the interim action, is $10,490.

Please call us at (414) 643-4200 should you have any questions regarding this correspondence or the project in general.

Sincerely,

SIGMA ENVIRONMENTAL SERVICES, INC.

Stephen Meer, P.E.
Staff Engineer

Timothy E. Wimmer, P.G., CHMM
Project Manager/Senior Scientist

Randy E. Boness, P.G.
Manager – Geosciences Group

Attachments

cc: Dan Martino
Don Gallo – Reinhart, Boerner, Van Doeren
Brad Wozniak – City of Kenosha
Bruce Rheineck - DHFS

ATTACHEMENT B
COST ESTIMATE (PAGE 2 of 2)
Additional Soil Boring Activities
Martino's Master Drycleaners
4700 7th Avenue, Kenosha, WI

PROFESSIONAL SERVICES

Work Plan				***Comments***
Project Manager	2 hrs @	$115 /hr	$230	Develop scope/work plan
Staff Geologist/Engineer	4 hrs @	$75 /hr	$300	Solicit lab bids, prepare for field activities.
		Work Plan subtotal	***$530***	
Field Work				
Project Manager	2 hrs @	$115 /hr	$230	
Staff Geologist/Engineer	10 hrs @	$75 /hr	$750	Site time-soil sampling.
Field Technician	10 hrs @	$65 /hr	$650	Site time-soil sampling
		subtotal	*$1,630*	
Equipment & Expenses (incl. sampling equipment and materials)			$900	Mileage, power auger, Geoprobe,
		subtotal	*$900*	Concrete corer, sampling supplies, etc.
		Field Work subtotal	***$2,530***	
Report				
Senior Geologist	2 hrs @	$140 /hr	$280	Sr. review
Project Manager	4 hrs @	$115 /hr	$460	
Staff Geologist/Engineer	10 hrs @	$75 /hr	$750	Draft and final report
CADD	3 hrs @	$65 /hr	$195	
Office Support	1 hrs @	$40 /hr	$40	
		Report subtotal	***$1,725***	
Project Management				
Project Manager	3 hrs @	$115 /hr	***$345***	
TOTAL COST PROFESSIONAL SERVICES			**$5,130**	

COMMODITY SERVICES

Subcontractor Services				***Comments***
Laboratory Services				
VOCs	10 @	$55 /sample	$550	5 borings, 2 soil samples each
Soil Disposal				
One 55-gallon drum (assumes non-hazardous)			$300	
TOTAL COST COMMODITY SERVICES			**$850**	
TOTAL PROJECT COST			**$5,980**	