LETTER OF TRANSMITTAL

To: **Wisconsin Department of Natural Resources**
Southeast Region Headquarters
2300 N. Martin Luther King Dr.
Milwaukee, WI 53212
Attn: Victoria Stovall

RECEIVED
OCT 18 2007
By VS

From:
Sigma Environmental Services, Inc.
1300 West Canal Street
Milwaukee, WI 53233
(414) 643-4200

Date: 16-Oct-07
Site Name: Master Dry Cleaners
Address: 6326 W. Bluemound Road
Wauwatosa, WI
FID#
BRRTS # 02-41-545142

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 is 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 portable 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): Contained-out Determination		

* 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.

October 16, 2007 Project Number #9923

Ms. Brenda Boyce
Wisconsin Department of Natural Resources
141 NW Barstow Street, Room 180
Waukesha, WI 53188

RE: Contained-out Determination
Master Dry Cleaning
6325 W Bluemound Road
Wauwautosa, Wisconsin
BRRTS #:02-41-545142/03-41-547831

Dear Ms. Boyce,

Sigma Environmental Services, Inc. (Sigma) on behalf of Master Dry Cleaners has prepared the attached Remediation Site Hazardous Waste Determination request for your review and hazardous waste determination of the soil and groundwater generated during the recent site investigation activities conducted at the Master Dry Cleaners property located at 6325 W Bluemound Road in Wauwautosa, Wisconsin (hereinafter the "site").

BACKGROUND

Investigation activities recently conducted at site generated soil and groundwater which requires proper disposal off-site. Based on the site investigation results, select chlorinated volatile organic compounds (primarily tetrachloroethene [PCE] and trichloroethane [TCE]) were detected within the soil and groundwater collected at the site. According to chapter NR 661, PCE, TCE, and vinyl chloride are listed hazardous wastes and therefore soil containing these constituents would also be categorized as a hazardous waste unless contaminant concentrations are detected below the health based levels (WDNR Publication RR-705). In the Wisconsin Department of Natural Resource (WDNR) newsletter dated November 14, 2005 the WDNR provided contained-out values for soil containing TCE (14 parts per million [ppm]), PCE (33 ppm), and vinyl chloride (0.87 ppm). In addition, according to the WDNR Publication RR-705 contaminated groundwater containing a listed waste remains hazardous until the chapter NR 140 enforcement standard (ES) is met.

HAZARDOUS WASTE DETERMINATIONS

The following hazardous waste determinations were determined by evaluating the soil and groundwater quality results generated to date with respect to the WDNR contained-out values.

Soil

Based on the site investigation activities completed to date, TCE, PCE, and vinyl chloride were not detected at concentrations greater than the WDNR contained-out

values within the soil samples collected at the site, with the except of TCE and PCE reported at soil sample MW-9 (14-15 feet bgs). Specifically, TCE and PCE were reported at 54 PPM and 214 PPM within the soil collected from soil boring MW-9 (14 -15 feet bgs) which is located in the source area. Therefore based on soil quality results soil generated at the site to date, with the exception of soil boring MW-9, meets the requirement of the contained-out policy and therefore is not considered a hazardous waste. Soil generated from soil boring MW-9 exceeds the WDNR contained-out values and is considered a hazardous waste and will be managed appropriately. Soil quality results generated to date are included as *Table 1*.

Groundwater

Contaminant concentrations detected within the groundwater collected to date indicates that TCE, PCE, and vinyl chloride are present at concentrations greater than the NR 140 ES within the groundwater collected from select site monitoring wells (SMW-3, SMW-4, SMW-6, SMW-9, MW-1 and MW-3). Due to the NR 140 ES exceedances detected within the groundwater collected from select monitoring wells at the site, Sigma recommends that groundwater be segregated during groundwater sampling activities at the site. Specifically, groundwater generated from monitoring wells (SMW-3, SMW-4, SMW-6, SMW-9, MW-1 and MW-3) which exhibit NR 140 ES exceedances will be disposed of as a hazardous waste while groundwater generated from monitoring wells (SMW-1, SMW-2, SMW5, SMW-7, SMW-8, and MW-2) which do not display a NR 140 ES exceedance and therefore meet the requirement of the contained-out decisions, will be disposed as a non-hazardous waste. Groundwater quality results generated to date are included as *Table 2*. (not included ?)

We request that WDNR concur with our contained-out determinations for the soil and groundwater generated during site investigation activities at the site. If you have any questions or require further information during your review of the Remediation Site Hazardous Waste Determination request, please call me at (414) 643-4200.

Sincerely,

SIGMA ENVIRONMENTAL SERVICES, INC.

Mary E. Trotta
Staff Scientist

Cc: Harold Shipshock – Master Dry Cleaners, Inc.
Michelle Williams – Reinhart Boerner Van Deuren, S.C.

Enclosure

TABLES

TABLE 1B
SOIL ANALYTICAL QUALITY RESULTS
MASTER DRYCLEANERS, INC. PROPERTY
6326 WEST BLUEMOUND ROAD
WAUWATOSA, WISCONSIN
Project Reference #9923

Soil Boring Identification:					SMW-1		SMW-2		SMW-3		SMW-4		SMW-5	
Sample Depth (ft):					4-6	8-10	2-4	10-12	2-4	6-8	4-6	8-10	2-4	6-8
Metals	Unit	NR 720 RCL			Collection Date									
		Non-Industrial		Industrial	12/06/06	12/06/06	12/06/06	12/06/06	12/06/06	12/06/06	12/06/06	12/06/06	12/06/06	12/06/06
Lead	mg/kg	50		500	**26**	**18**	**15**	**14**	**44**	**17**	**27**	**16**	**29**	**13**
Volatile Organic Compounds	Unit	NR 720	NR 746											
		RCL	Table 1	Table 2										
Benzene	µg/kg	5.5	8,500	1,100	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
Bromobenzene	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
Bromodichloromethane	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
tert-Butylbenzene	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
sec-Butylbenzene	µg/kg	NS	NS	NS	<25	**2,060^{J}**	<25	<25	<25	**208**	<25	<25	<25	<25
n-Butylbenzene	µg/kg	NS	NS	NS	**55^{J}**	**6,400**	<25	<25	<25	**740**	<25	<25	<25	<25
Carbon tetrachloride	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
Chlorobenzene	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
Chloroethane	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
Chloroform	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
Chloromethane	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
2-Chlorotoluene	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
4-Chlorotoluene	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dibromo-3-chloropropane	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
Dibromochloromethane	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
Dichlorodifluoromethane	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	µg/kg	4.9	600	540	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichloropropane	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
1,3-Dichloropropane	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
Di-isopropyl ether	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
EDB (1,2-Dibromoethane)	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
Ethylbenzene	µg/kg	2,900	4,600	NS	<25	**2,200^{J}**	<25	<25	<25	**750**	<25	<25	<25	<25
Hexachlorobutadiene	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
Isopropylbenzene	µg/kg	NS	NS	NS	<25	**3,080**	<25	<25	<25	**250**	<25	<25	<25	<25
p-Isopropyltoluene	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	**130**	<25	<25	<25	<25
Methylene chloride	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
Methyl-tert-butyl-ether	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
Naphthalene	µg/kg	NS	2,700	NS	<25	**4,200**	<25	<25	<25	**222**	<25	<25	<25	<25
n-Propylbenzene	µg/kg	NS	NS	NS	<25	**13,300**	<25	<25	<25	**1,200**	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
Tetrachloroethene	µg/kg	1,230*	NS	NS	<25	<1250	<25	<25	**1,440**	**3,000**	<25	**115**	<25	<25
Toluene	µg/kg	1,500	38,000	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
Trichloroethene	µg/kg	160*	NS	NS	<25	<1250	<25	<25	<25	**40^{J}**	<25	<25	<25	<25
Trichlorofluoromethane	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	µg/kg	NS	83,000	NS	**26.7^{J}**	**13,100**	<25	<25	<25	**2,980**	<25	<25	<25	<25
1,3,5-Trimethylbenzene	µg/kg	NS	11,000	NS	<25	<1250	<25	<25	<25	**130**	<25	<25	<25	<25
Vinyl chloride	µg/kg	NS	NS	NS	<25	<1250	<25	<25	<25	<25	<25	<25	<25	<25
Total Xylenes	µg/kg	4,100	42,000	NS	<50	<2500	<50	<50	<50	**502^{J}**	<50	<50	<50	<50

Notes: Laboratory analyses performed by: Synergy Environmental Lab, Inc.
J = Analyte detected between Limit of Detection and Limit of Quantitation
mg/kg = milligrams per kilogram (equivalent to parts per million)
µg/kg = micrograms per kilogram (equivalent to parts per billion)
NA = Not Analyzed NS = No Standard
NR 720 RCL = Wisconsin Administrative Code, Chapter NR 720 generic Residual Contaminant Level (industrial land use RCLs for RCRA metals).
NR 746 Table 1 = Wisconsin Administrative Code, Chapter NR 746, Table 1 soil screening level: Indicators of Residual Petroleum Products in Soil Pores.
NR 746 Table 2 = Wisconsin Administrative Code, Chapter NR 746, Table 2: Protection of Human Health from Direct Contact with Contaminated Soil.
Interim RCL = More stringent generic Residual Contaminant Level for protection of groundwater (gw) or direct contact (dc) pathway for non-industrial land use from WDNR Publication RR-519-97 *"Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance"* (April 1997)
* = Calculated Site Specific RCLs
Exceedances: **BOLD** = detected compound BOX = concentration exceeds standard or site specific RCL

TABLE 1B
SOIL ANALYTICAL QUALITY RESULTS
MASTER DRYCLEANERS, INC. PROPERTY
6326 WEST BLUEMOUND ROAD
WAUWATOSA, WISCONSIN
Project Reference #9923

Soil Boring Identification:					SMW-6		SMW-7		SMW-8		SMW-9	SGP-1	
Sample Depth (ft):					4-6	8-10	0-2	6-8	4-6	8-10	14-15	4-6	8-10
Metals	Unit	NR 720 RCL			Collection Date								
		Non-Industrial		Industrial	09/17/07	09/17/07	09/17/07	09/17/07	09/17/07	09/17/07	09/17/07	09/06/07	09/06/07
Lead	mg/kg	50		500	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds	Unit	NR 720	NR 746										
		RCL	Table 1	Table 2									
Benzene	µg/kg	5.5	8,500	1,100	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Bromobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Bromodichloromethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
tert-Butylbenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
sec-Butylbenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
n-Butylbenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Carbon tetrachloride	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Chlorobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Chloroethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Chloroform	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Chloromethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
2-Chlorotoluene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
4-Chlorotoluene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
1,2-Dibromo-3-chloropropane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Dibromochloromethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
1,4-Dichlorobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
1,3-Dichlorobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
1,2-Dichlorobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Dichlorodifluoromethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
1,2-Dichloroethane	µg/kg	4.9	600	540	<25	<25	<25	<25	<25	<25	<2500	<25	<25
1,1-Dichloroethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
1,1-Dichloroethene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
cis-1,2-Dichloroethene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
trans-1,2-Dichloroethene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
1,2-Dichloropropane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
1,3-Dichloropropane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Di-isopropyl ether	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
EDB (1,2-Dibromoethane)	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Ethylbenzene	µg/kg	2,900	4,600	NS	<25	<25	<25	<25	<25	<25	**8,000**	<25	<25
Hexachlorobutadiene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Isopropylbenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
p-Isopropyltoluene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Methylene chloride	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Methyl-tert-butyl-ether	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Naphthalene	µg/kg	NS	2,700	NS	<25	<25	**247**	**48 "J"**	<25	<25	<2500	<25	<25
n-Propylbenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	2860 "J"	<25	<25
1,1,2,2-Tetrachloroethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Tetrachloroethene	µg/kg	1,230*	NS	NS	**59 "J"**	**41 "J"**	<25	<25	<25	<25	**214,000**	**550**	**124**
Toluene	µg/kg	1,500	38,000	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
1,2,4-Trichlorobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
1,2,3-Trichlorobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
1,1,1-Trichloroethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
1,1,2-Trichloroethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Trichloroethene	µg/kg	160*	NS	NS	<25	<25	<25	<25	<25	<25	**51,000**	<25	<25
Trichlorofluoromethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
1,2,4-Trimethylbenzene	µg/kg	NS	83,000	NS	<25	<25	<25	39 "J"	<25	<25	16,000	<25	<25
1,3,5-Trimethylbenzene	µg/kg	NS	11,000	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Vinyl chloride	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<2500	<25	<25
Total Xylenes	µg/kg	4,100	42,000	NS	<50	<50	<50	62 "J"	<50	<50	<2500	<50	<50

Notes: Laboratory analyses performed by: Synergy Environmental Lab, Inc.
J = Analyte detected between Limit of Detection and Limit of Quantitation
mg/kg = milligrams per kilogram (equivalent to parts per million)
µg/kg = micrograms per kilogram (equivalent to parts per billion)
NA = Not Analyzed NS = No Standard
NR 720 RCL = Wisconsin Administrative Code, Chapter NR 720 generic Residual Contaminant Level (industrial land use RCLs for RCRA metals).
NR 746 Table 1 = Wisconsin Administrative Code, Chapter NR 746, Table 1 soil screening level: Indicators of Residual Petroleum Products in Soil Pores.
NR 746 Table 2 = Wisconsin Administrative Code, Chapter NR 746, Table 2: Protection of Human Health from Direct Contact with Contaminated Soil.
Interim RCL = More stringent generic Residual Contaminant Level for protection of groundwater (gw) or direct contact (dc) pathway for non-industrial land use from WDNR Publication RR-519-97 *"Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance"* (April 1997)
* = Calculated Site Specific RCLs
Exceedances: **BOLD** = detected compound BOX = concentration exceeds standard or site specific RCL

SOIL ANALYTICAL QUALITY RESULTS
MASTER DRYCLEANERS, INC. PROPERTY
6326 WEST BLUEMOUND ROAD
WAUWATOSA, WISCONSIN
Project Reference #9923

Soil Boring Identification:					SGP-2		SGP-3		SGP-4		SGP-5		SGP-6	
Sample Depth (ft):					0-2	6-8	4-6	8-10	0-2	6-8	2-4	8-10	0-2	6-8
Metals	Unit	NR 720 RCL			Collection Date									
		Non-Industrial		Industrial	09/06/07	09/06/07	09/06/07	09/06/07	09/06/07	09/06/07	09/06/07	09/06/07	09/06/07	09/06/07
Lead	mg/kg	50		500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds	Unit	NR 720	NR 746											
		RCL	Table 1	Table 2										
Benzene	µg/kg	5.5	8,500	1,100	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromodichloromethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
tert-Butylbenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
sec-Butylbenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
n-Butylbenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Carbon tetrachloride	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chlorobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chloroethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chloroform	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chloromethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
2-Chlorotoluene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
4-Chlorotoluene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dibromo-3-chloropropane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Dibromochloromethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Dichlorodifluoromethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	µg/kg	4.9	600	540	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichloropropane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3-Dichloropropane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Di-isopropyl ether	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
EDB (1,2-Dibromoethane)	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Ethylbenzene	µg/kg	2,900	4,600	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Hexachlorobutadiene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Isopropylbenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
p-Isopropyltoluene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Methylene chloride	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Methyl-tert-butyl-ether	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Naphthalene	µg/kg	NS	2,700	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
n-Propylbenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Tetrachloroethene	µg/kg	1,230*	NS	NS	**1,620**	**1,390**	**6,900**	**7,800**	**560**	**940**	**105**	**1,670**	**29.9** J	**253**
Toluene	µg/kg	1,500	38,000	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Trichloroethene	µg/kg	160*	NS	NS	<25	<25	**65**	**267**	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	µg/kg	NS	83,000	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	µg/kg	NS	11,000	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Vinyl chloride	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Total Xylenes	µg/kg	4,100	42,000	NS	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50

Notes: Laboratory analyses performed by: Synergy Environmental Lab, Inc.
J = Analyte detected between Limit of Detection and Limit of Quantitation
mg/kg = milligrams per kilogram (equivalent to parts per million)
µg/kg = micrograms per kilogram (equivalent to parts per billion)
NA = Not Analyzed NS = No Standard
NR 720 RCL = Wisconsin Administrative Code, Chapter NR 720 generic Residual Contaminant Level (industrial land use RCLs for RCRA metals).
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ATTACHMENT

Remediation Site Hazardous Waste Determination Form

State of Wisconsin
Department of Natural Resources

Remediation Site Hazardous Waste Determination

Form 4430-019 (R 4/03)

Notice: This voluntary form is intended as an aid for use by Generators and Responsible Parties in determining whether *contaminated soil or groundwater and wastes* encountered or generated during the remediation of contaminated sites in Wisconsin are or would be listed or characteristic hazardous wastes subject to regulation under ch. 291, Wis. Stats. and chs. NR 600 to 690, Wis. Adm. Code. There are no penalties for failure to provide information requested. Personally identifiable information collected will be used for program management. Wisconsin's Open Records law requires the Department to provide this information upon request [ss. 19.31 - 19.69, Wis. Stats.].

Listing determinations are often particularly difficult in the remedial context because the listings are generally identified by the sources of the hazardous wastes rather than the concentrations of various hazardous constituents. Therefore, analytical testing alone, without information on a waste's source, will not generally produce information that will conclusively indicate whether a given waste is a listed hazardous waste. Generators and Responsible Parties should use available site information such as material safety data sheets (MSDS's), manifests, vouchers, bills of lading, sales and inventory records, accident reports, spill reports, inspection reports, and other available information. It may also be necessary to conduct interviews of current or former personnel who would have knowledge of the processes and hazardous materials used including waste handling or past spills in an effort to ascertain the sources of wastes or contaminants.

Where a person makes a good faith effort to determine if a material is a listed hazardous waste but cannot make such a determination because documentation regarding a source of contamination, contaminant, or waste is unavailable or inconclusive, EPA has stated that one may assume the source, contaminant or waste is not listed hazardous waste and, therefore, provided the material in question does not exhibit a characteristic of hazardous waste, RCRA requirements do not apply.

Generator Information

Generator's Name	Preparer's Name
Mr. Harold Shipshock Master Dry Cleaning	Mary Trotta Sigma Environmental Services
Address	Address
N57 W216389 Mt Dulac Drive	1300 W Canal Street
City, State and ZIP Code	City, State and ZIP Code
Sussex, WI 53089	Milwaukee, WI 53233
Telephone Number	Telephone Number
	(414) 643-4200

Site Information

Site Name	Other name(s) site is known by
Master Dry Cleaning	
Address	County
6325 W Bluemound Road	Milwaukee
Located in the City, Town or Village ZIP Code	
Wauwatosa, WI 53213	

Hazardous Waste Determination Information Reviewed

Listed Hazardous Waste Determination

Manifests reviewed ☐ Yes ☒ No ☐ None Found ☐ None Available	Vouchers reviewed ☐ Yes ☒ No ☐ None Found ☐ None Available
Bills of lading reviewed ☐ Yes ☒ No ☐ None Found ☐ None Available	Sales and inventory records reviewed ☐ Yes ☒ No ☐ None Found ☐ None Available
Material safety data sheets ☐ Yes ☒ No ☐ None Found ☐ None Available	Accident reports reviewed ☐ Yes ☒ No ☐ None Found ☐ None Available
Spill reports reviewed ☐ Yes ☐ No ☒ None Found ☐ None Available	Inspection reports reviewed ☐ Yes ☒ No ☐ None Found ☐ None Available
DNR's case files reviewed Currently conducting investigation 02-41-545142 ☐ Yes ☒ No ☐ None Found ☐ None Available	Interviewed current and/or former employees who are likely to know about the use and/or disposal of the chemical or waste of concern (not just managers). ☒ Yes ☐ No ☐ None Found ☐ None Available

Hazardous Waste Determination Information Reviewed (continued)

Other information considered (provide description) ☒ Yes ☐ No ☐ None Found ☐ None Available

The property has been operated as a dry cleaner since 1974. According to the property owner, Mr. Harlod Shipshock, the facility historically used tetrachloroethene (PCE) as a dry cleaning solvent.

See attached Contained-Out Determination letter for recent soil and groundwater quality results and how they relate to contained-out values.

Characteristic Hazardous Waste Determination

Identified location(s)	Testing results

Certification

I certify that the information documented above in the "Information reviewed to make a hazardous waste determination" section was developed and used as part of a good faith effort to make a hazardous waste determination. Reasonable diligence was used in collecting the information, evaluating the information, and using the compiled information. I certify that this document is true and correct to the best of my knowledge, and that I have authority to make this certification.

Name and Title Mary Trotta Staff Scientist

Signature Mary Trotta Date 10-17-07