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November 9, 2010

Project Reference # 10837

RECEIVED
NOV 10 2010
By

Ms. Pam Mylotta
Wisconsin Department of Natural Resources
2300 North Martin Luther King Jr. Drive
Milwaukee, Wisconsin 53212

RE: Status Update – McKplaco, One Hour Fabricare
4704 West Burleigh Street
Milwaukee, Wisconsin
BRRTS # 02-41-548391

Dear Ms. Mylotta,

The purpose of this letter is to provide the Wisconsin Department of Natural Resources (WDNR) with the results of the recent investigation activities conducted at the One Hour Fabricare property located at 4704 West Burleigh Street in Milwaukee, Wisconsin (hereinafter "the site"). To date Sigma Environmental Services, Inc. (Sigma on behalf of McKplaco, Inc. (property owner) has completed the environmental site investigation activities approved by the WDNR in March 2010 for completion under the Drycleaner Emergency Response Program (DERF).

Since our last written correspondence dated December 11, 2009 (DERF Progress Report/Work Plan Addendum), Sigma has installed five NR 141 monitoring wells, collected additional soil samples for laboratory analysis, conducted one round of groundwater monitoring from the entire NR 141 monitoring well network, and conducted a sub slab vapor assessment from beneath the site building. The results of the site investigation activities are presented in the attached analytical tables and figures and briefly summarized below.

Site Investigation Results

Review of the site investigation results indicates that chlorinated-related soil impacts appear to be relatively defined to the area beneath and immediately surrounding the site building. Chlorinated soil impacts were also identified to extend south and northeast from the building although given the depth to groundwater, contaminant concentrations within these areas (soil borings GP-2, GP-6, and MW-1) may be related to groundwater quality rather than soil quality.

In addition, petroleum-related soil impacts, specifically benzene and ethylbenzene, were reported at concentrations greater than the Chapter NR 720 residual contaminant levels (RCLs) within the soil sample collected at depth (6-8 feet below ground surface) from soil boring GP-3 located on the eastern portion of the site. From the 1940's to 1965 the site was historically operated as a gasoline service station. According to the property owner, the gasoline underground storage tanks (USTs) associated with the gasoline service station

have been removed from the site. Based on the site history, the petroleum-related soil impacts identified in the eastern portion of the site may be associated with the historic gasoline station operations.

The groundwater level measurements collected during the May 11, 2010 groundwater sampling event generally ranged from 2.27 feet below ground surface (bgs) at monitoring well MW-1 to 4.72 feet bgs at monitoring well MW-5. The water level at off-site monitoring well MW-4 was observed at a depth of 10.89 bgs; however, given the extreme depth of groundwater observed at monitoring well MW-4 and the short recovery time (wells installed on May 5, 2010), it is possible that monitoring well MW-4 had not fully recovered as of the May 11, 2010 sampling event. Based on the groundwater measurements within the site boundaries and the surface elevation, groundwater flow at the site appears to be in the southeast direction.

Chlorinated groundwater impacts, including tetrachloroethene (PCE), trichloroethene (TCE), and cis 1,2-dichloroethene (cis 1,2-DCE) were identified during the May 2010 sampling event at concentrations greater than the Chapter NR 140 enforcement standard (ES) within the groundwater collected from monitoring wells MW-1, MW-3, and TMW-2. The chlorinated related groundwater impact plume appears to be relatively defined up- (MW-4) and down-gradient (MW-2) and side-gradient to the southwest (MW-5); however, groundwater impacts do not appear to be defined side-gradient to the northeast (monitoring well MW-1).

Gasoline-related constituents were not identified at concentrations greater than the laboratory detection limits within the groundwater samples collected from the temporary and Chapter NR 141 monitoring wells at the site.

On August 2, 2010 Sigma conducted a sub slab vapor assessment beneath the site building within the area of the dry cleaning machines. The assessment consisted of the installation of a sub slab vapor sampling point (SSV-1) and the collection of one vapor sample over a period of one hour. The sub slab sample was submitted for laboratory analysis of the chlorinated constituents which were identified within the soil and groundwater at the site.

Based on the results of the sub slab vapor assessment, PCE and TCE were identified at concentrations greater than the calculated sub-slab air standard. Specifically, PCE was reported at a concentration of 1,140,000 microgram per cubic meter ($\mu g/m^3$) while TCE 43,800 $\mu g/m^3$. Please note that the building is still in use as an active dry cleaner which utilizes PCE as a cleaning solvent.

Following your review of the site investigation results, Sigma will contact you to further discuss the results and how they relate to future investigation work. Based on our discussion, Sigma will prepare a brief Work Plan Addendum or Site Investigation Report, as necessary.

If you have any questions or need additional information, please contact either of the undersigned at (414) 643-4200.

Thank you,

SIGMA ENVIRONMENTAL SERVICES, INC.

Mary Trotta
Project Scientist

Kristin Kurzka, P.E.
Senior Project Engineer

Attachments

Cc: Tom McKay - McKplaco
Michelle Williams – Reinhart Boerner Van Deuren, S.C.

TABLE 1
STATIC GROUNDWATER ELEVATIONS
MCKPLACO - ONE HOUR FABRICARE
4704 WEST BURLEIGH STREET
MILWAUKEE, WISCONSIN
Project Reference #10837

Monitoring Well Identification	Date	Ground Surface Elevation (feet MSL)	Top of Casing Elevation (feet MSL)	Depth to Groundwater (feet from TOC)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet MSL)	Well Screen Interval (feet MSL)
MW-1	05/11/10	710.59	709.92	1.6	2.27	708.32	3-13
MW-2	05/11/10	710.32	709.68	3.78	4.42	705.9	3.5-13.5
MW-3	05/11/10	711.56	710.77	3.24	4.03	707.53	3.5-13.5
MW-4	05/11/10	712.37	711.84	10.36	10.89	701.48	5-15
MW-5	05/11/10	711.09	710.53	4.16	4.72	706.37	4-14
TMW-2	05/11/10	712.230	711.94	2.93	3.22	709.01	4.5-15

Notes:
feet MSL = feet above Mean Sea Level
feet from TOC = feet below top of casing
feet bgs = feet below ground surface

TABLE 2
SOIL ANALYTICAL QUALITY RESULTS
VOLATILE ORGANIC COMPOUNDS
One Hour Fabricare - McKplaco
4704 Burleigh Street
Milwaukee, Wisconsin
Project Reference #10837

Soil Boring Identification:					SB-1		SB-2		SB-3		SB-4	
Sample Depth (ft):					21"	27.5"	4	11	10	14	4	14
PID / FID					5.1	4.7	30	0.4	19.7	0	0	0
Parameter	Unit	NR 720	NR 746		Collection Date							
		RCL	Table 1	Table 2	10/09/06	10/09/06	10/09/06	10/09/06	10/09/06	10/09/06	10/09/06	10/09/06
Benzene	µg/kg	5.5	8,500	1,100	<25	<25	<25	<25	<25	<25	<25	<25
Bromobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
Bromodichloromethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
n-Butylbenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
sec-Butylbenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
tert-Butylbenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
Carbon tetrachloride	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
Chlorobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
Chloroethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
Chloroform	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
Chloromethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
2-Chlorotoluene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
4-Chlorotoluene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
Dibromochloromethane	µg/kg	NS	NS	NS	<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
1,2-Dibromoethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
Dichlorodifluoromethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	µg/kg	NS	NS	NS	<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
1,1-Dichloroethene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	µg/kg	NS	NS	NS	<25	<25	<25	<25	**151**	<25	<25	<25
trans-1,2-Dichloroethene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichloropropane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
1,3-Dichloropropane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
Di-isopropyl ether	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
Ethylbenzene	µg/kg	2,900	4,600	NS	<25	<25	<25	<25	<25	<25	<25	<25
Hexachlorobutadiene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
Isopropylbenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
p-Isopropyltoluene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
Methylene chloride	µg/kg	NS	NS	NS	<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
Naphthalene	µg/kg	NS	2,700	NS	<25	<25	<25	<25	<25	<25	<25	<25
n-Propylbenzene	µg/kg	NS	NS	NS	<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
Tetrachloroethene	µg/kg	1230 [1]	33000 [2]	NS	**2,440**	**9,500**	**120**	<25	**10,100**	<25	<25	<25
Toluene	µg/kg	1,500	38,000	NS	<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
1,2,4-Trichlorobenzene	µg/kg	NS	NS	NS	<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
1,1,2-Trichloroethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
Trichloroethene	µg/kg	160 [1]	14000 [2]	NS	**25J**	**45J**	<25	<25	**190**	<25	<25	<25
Trichlorofluoromethane	µg/kg	NS	NS	NS	<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
1,3,5-Trimethylbenzene	µg/kg	NS	11,000	NS	<25	<25	<25	<25	<25	<25	<25	<25
Vinyl chloride	µg/kg	NS	870 [2]	NS	<25	<25	<25	<25	<25	<25	<25	<25
Total Xylenes	µg/kg	4,100	42,000	NS	<75	<75	<75	<75	<75	<75	<75	<75

Notes: Laboratory analyses performed by: Synergy Environmental Lab, Inc. on behalf of Terracon Consultants.
µg/kg = micrograms per kilogram (equivalent to parts per billion)
NA = Not Analyzed NS = No Standard
J =Analyte detected between limit of detection and limit of quantification.
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.
[1] = Calculated Site Specific RCLs
[2] = WDNR hazardous waste contained-out determination values
Exceedances: **BOLD** = detected compound **BOX** = concentration exceeds standard

TABLE 2
SOIL ANALYTICAL QUALITY RESULTS
VOLATILE ORGANIC COMPOUNDS
One Hour Fabricare - McKplaco
4704 Burleigh Street
Milwaukee, Wisconsin
Project Reference #10837

Soil Boring Identification:					GP-1		GP-2		GP-3		GP-4	
Sample Depth (ft):					2-4	6-8	0-2	4-6	0-2	6-8	2-4	4-6
PID / FID					1.5	1	7.9	9	0.9	171	1	1
Parameter	Unit	NR 720	NR 746		Collection Date							
		RCL	Table 1	Table 2	06/02/09	06/02/09	06/02/09	06/02/09	06/02/09	06/02/09	06/02/09	06/02/09
Benzene	µg/kg	5.5	8,500	1,100	<20	<20	<20	<20	<20	**1,100**	<20	<20
Bromobenzene	µg/kg	NS	NS	NS	<34	<34	<34	<34	<34	<34	<34	<34
Bromodichloromethane	µg/kg	NS	NS	NS	<16	<16	<16	<16	<16	<16	<16	<16
n-Butylbenzene	µg/kg	NS	NS	NS	<35	<35	<35	<35	<35	**660**	<35	<35
sec-Butylbenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	**153**	<25	<25
tert-Butylbenzene	µg/kg	NS	NS	NS	<23	<23	<23	<23	<23	<23	<23	<23
Carbon tetrachloride	µg/kg	NS	NS	NS	<21	<21	<21	<21	<21	<21	<21	<21
Chlorobenzene	µg/kg	NS	NS	NS	<16	<16	<16	<16	<16	<16	<16	<16
Chloroethane	µg/kg	NS	NS	NS	<23	<23	<23	<23	<23	<23	<23	<23
Chloroform	µg/kg	NS	NS	NS	<50	<50	<50	<50	<50	<50	<50	<50
Chloromethane	µg/kg	NS	NS	NS	<43	<43	<43	<43	<43	<43	<43	<43
2-Chlorotoluene	µg/kg	NS	NS	NS	<31	<31	<31	<31	<31	<31	<31	<31
4-Chlorotoluene	µg/kg	NS	NS	NS	<24	<24	<24	<24	<24	<24	<24	<24
Dibromochloromethane	µg/kg	NS	NS	NS	<21	<21	<21	<21	<21	<21	<21	<21
1,2-Dibromo-3-chloropropane	µg/kg	NS	NS	NS	<37	<37	<37	<37	<37	<37	<37	<37
1,2-Dibromoethane	µg/kg	NS	NS	NS	<21	<21	<21	<21	<21	<21	<21	<21
1,2-Dichlorobenzene	µg/kg	NS	NS	NS	<32	<32	<32	<32	<32	<32	<32	<32
1,3-Dichlorobenzene	µg/kg	NS	NS	NS	<41	<41	<41	<41	<41	<41	<41	<41
1,4-Dichlorobenzene	µg/kg	NS	NS	NS	<42	<42	<42	<42	<42	<42	<42	<42
Dichlorodifluoromethane	µg/kg	NS	NS	NS	<33	<33	<33	<33	<33	<33	<33	<33
1,1-Dichloroethane	µg/kg	NS	NS	NS	<22	<22	<22	<22	<22	<22	<22	<22
1,2-Dichloroethane	µg/kg	4.9	600	540	<24	<24	<24	<24	<24	<24	<24	<24
1,1-Dichloroethene	µg/kg	NS	NS	NS	<27	<27	<27	<27	<27	<27	<27	<27
cis-1,2-Dichloroethene	µg/kg	NS	NS	NS	<24	<24	**83**	**164**	<24	<24	<24	<24
trans-1,2-Dichloroethene	µg/kg	NS	NS	NS	<29	<29	<29	<29	<29	<29	<29	<29
1,2-Dichloropropane	µg/kg	NS	NS	NS	<19	<19	<19	<19	<19	<19	<19	<19
1,3-Dichloropropane	µg/kg	NS	NS	NS	<21	<21	<21	<21	<21	<21	<21	<21
Di-isopropyl ether	µg/kg	NS	NS	NS	<15	<15	<15	<15	<15	<15	<15	<15
Ethylbenzene	µg/kg	2,900	4,600	NS	<16	<16	<16	<16	**23 J**	**8,800**	<16	<16
Hexachlorobutadiene	µg/kg	NS	NS	NS	<50	<50	<50	<50	<50	<50	<50	<50
Isopropylbenzene	µg/kg	NS	NS	NS	<30	<30	<30	<30	<30	**580**	<30	<30
p-Isopropyltoluene	µg/kg	NS	NS	NS	<30	<30	<30	<30	<30	**41 J**	<30	<30
Methylene chloride	µg/kg	NS	NS	NS	<44	<44	<44	<44	<44	<44	<44	<44
Methyl-tert-butyl-ether	µg/kg	NS	NS	NS	<23	<23	<23	<23	<23	<23	<23	<23
Naphthalene	µg/kg	NS	2,700	NS	<117	<117	<117	<117	<117	**550**	<117	<117
n-Propylbenzene	µg/kg	NS	NS	NS	<29	<29	<29	<29	<29	**2,780**	<29	<29
1,1,2,2-Tetrachloroethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
Tetrachloroethene	µg/kg	1230 [1]	33000 [2]	NS	**88**	<18	**710**	**2,490**	<18	<18	<18	<18
Toluene	µg/kg	1,500	38,000	NS	<23	<23	<23	<23	<23	**62 J**	**27 J**	<23
1,2,3-Trichlorobenzene	µg/kg	NS	NS	NS	<87	<87	<87	<87	<87	<87	<87	<87
1,2,4-Trichlorobenzene	µg/kg	NS	NS	NS	<53	<53	<53	<53	<53	<53	<53	<53
1,1,1-Trichloroethane	µg/kg	NS	NS	NS	<27	<27	<27	<27	<27	<27	<27	<27
1,1,2-Trichloroethane	µg/kg	NS	NS	NS	<30	<30	<30	<30	<30	<30	<30	<30
Trichloroethene	µg/kg	160 [1]	14000 [2]	NS	**29 J**	<20	**123**	**470**	<20	<20	<20	<20
Trichlorofluoromethane	µg/kg	NS	NS	NS	<16	<16	<16	<16	<16	<16	<16	<16
1,2,4-Trimethylbenzene	µg/kg	NS	83,000	NS	<20	<20	<20	<20	**86**	**2,220**	<20	<20
1,3,5-Trimethylbenzene	µg/kg	NS	11,000	NS	<24	<24	<24	<24	**29.5 J**	**1,220**	<24	<24
Vinyl chloride	µg/kg	NS	870 [2]	NS	<17	<17	<17	<17	<17	<17	<17	<17
Total Xylenes	µg/kg	4,100	42,000	NS	<48	<48	<48	<48	**73 J**	**2,696**	<48	<48

Notes: Laboratory analyses performed by: Synergy Environmental Lab, Inc.
µg/kg = micrograms per kilogram (equivalent to parts per billion)
NA = Not Analyzed NS = No Standard
J =Analyte detected between limit of detection and limit of quantification.
NR 720 RCL = Wisconsin Administrative Code, Chapter NR 720 generic Residual Contaminant Level (industrial land use RCLs for RCRA metals).
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VOLATILE ORGANIC COMPOUNDS
One Hour Fabricare - McKplaco
4704 Burleigh Street
Milwaukee, Wisconsin
Project Reference #10837

Soil Boring Identification:					GP-5		GP-6		GP-7		GP-8	
Sample Depth (ft):					0-2	4-6	0-2	4-6	2-4	4-6	2-4	6-8
PID / FID					12	0	1.2	1.6	0.6	1	4	6
Parameter	Unit	NR 720	NR 746		Collection Date							
		RCL	Table 1	Table 2	06/02/09	06/02/09	06/02/09	06/02/09	06/02/09	06/02/09	06/02/09	06/02/09
Benzene	µg/kg	5.5	8,500	1,100	<20	<20	<20	<20	<20	<20	<20	<20
Bromobenzene	µg/kg	NS	NS	NS	<34	<34	<34	<34	<34	<34	<34	<34
Bromodichloromethane	µg/kg	NS	NS	NS	<16	<16	<16	<16	<16	<16	<16	<16
n-Butylbenzene	µg/kg	NS	NS	NS	<35	<35	<35	<35	<35	<35	<35	<35
sec-Butylbenzene	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
tert-Butylbenzene	µg/kg	NS	NS	NS	<23	<23	<23	<23	<23	<23	<23	<23
Carbon tetrachloride	µg/kg	NS	NS	NS	<21	<21	<21	<21	<21	<21	<21	<21
Chlorobenzene	µg/kg	NS	NS	NS	<16	<16	<16	<16	<16	<16	<16	<16
Chloroethane	µg/kg	NS	NS	NS	<23	<23	<23	<23	<23	<23	<23	<23
Chloroform	µg/kg	NS	NS	NS	<50	<50	<50	<50	<50	<50	<50	<50
Chloromethane	µg/kg	NS	NS	NS	<43	<43	<43	<43	<43	<43	<43	<43
2-Chlorotoluene	µg/kg	NS	NS	NS	<31	<31	<31	<31	<31	<31	<31	<31
4-Chlorotoluene	µg/kg	NS	NS	NS	<24	<24	<24	<24	<24	<24	<24	<24
Dibromochloromethane	µg/kg	NS	NS	NS	<21	<21	<21	<21	<21	<21	<21	<21
1,2-Dibromo-3-chloropropane	µg/kg	NS	NS	NS	<37	<37	<37	<37	<37	<37	<37	<37
1,2-Dibromoethane	µg/kg	NS	NS	NS	<21	<21	<21	<21	<21	<21	<21	<21
1,2-Dichlorobenzene	µg/kg	NS	NS	NS	<32	<32	<32	<32	<32	<32	<32	<32
1,3-Dichlorobenzene	µg/kg	NS	NS	NS	<41	<41	<41	<41	<41	<41	<41	<41
1,4-Dichlorobenzene	µg/kg	NS	NS	NS	<42	<42	<42	<42	<42	<42	<42	<42
Dichlorodifluoromethane	µg/kg	NS	NS	NS	<33	<33	<33	<33	<33	<33	<33	<33
1,1-Dichloroethane	µg/kg	NS	NS	NS	<22	<22	<22	<22	<22	<22	<22	<22
1,2-Dichloroethane	µg/kg	4.9	600	540	<24	<24	<24	<24	<24	<24	<24	<24
1,1-Dichloroethene	µg/kg	NS	NS	NS	<27	<27	<27	<27	<27	<27	<27	<27
cis-1,2-Dichloroethene	µg/kg	NS	NS	NS	<24	<24	<24	<24	<24	<24	<24	<24
trans-1,2-Dichloroethene	µg/kg	NS	NS	NS	<29	<29	<29	<29	<29	<29	<29	<29
1,2-Dichloropropane	µg/kg	NS	NS	NS	<19	<19	<19	<19	<19	<19	<19	<19
1,3-Dichloropropane	µg/kg	NS	NS	NS	<21	<21	<21	<21	<21	<21	<21	<21
Di-isopropyl ether	µg/kg	NS	NS	NS	<15	<15	<15	<15	<15	<15	<15	<15
Ethylbenzene	µg/kg	2,900	4,600	NS	<16	<16	<16	<16	<16	<16	<16	<16
Hexachlorobutadiene	µg/kg	NS	NS	NS	<50	<50	<50	<50	<50	<50	<50	<50
Isopropylbenzene	µg/kg	NS	NS	NS	<30	<30	<30	<30	<30	<30	<30	<30
p-Isopropyltoluene	µg/kg	NS	NS	NS	<30	<30	<30	<30	<30	<30	<30	<30
Methylene chloride	µg/kg	NS	NS	NS	<44	<44	<44	<44	<44	<44	<44	<44
Methyl-tert-butyl-ether	µg/kg	NS	NS	NS	<23	<23	<23	<23	<23	<23	<23	<23
Naphthalene	µg/kg	NS	2,700	NS	<117	<117	<117	<117	<117	<117	<117	<117
n-Propylbenzene	µg/kg	NS	NS	NS	<29	<29	<29	<29	<29	<29	<29	<29
1,1,2,2-Tetrachloroethane	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
Tetrachloroethene	µg/kg	1230 [1]	33000 [2]	NS	<18	<18	**100**	**1,290**	**210**	**172**	**3,900**	**5,900**
Toluene	µg/kg	1,500	38,000	NS	<23	<23	<23	<23	<23	<23	<23	**23 J**
1,2,3-Trichlorobenzene	µg/kg	NS	NS	NS	<87	<87	<87	<87	<87	<87	<87	<87
1,2,4-Trichlorobenzene	µg/kg	NS	NS	NS	<53	<53	<53	<53	<53	<53	<53	<53
1,1,1-Trichloroethane	µg/kg	NS	NS	NS	<27	<27	<27	<27	<27	<27	<27	<27
1,1,2-Trichloroethane	µg/kg	NS	NS	NS	<30	<30	<30	<30	<30	<30	<30	<30
Trichloroethene	µg/kg	160 [1]	14000 [2]	NS	<20	<20	<20	<20	<20	<20	<20	**134**
Trichlorofluoromethane	µg/kg	NS	NS	NS	<16	<16	<16	<16	<16	<16	<16	<16
1,2,4-Trimethylbenzene	µg/kg	NS	83,000	NS	<20	<20	<20	<20	<20	<20	<20	<20
1,3,5-Trimethylbenzene	µg/kg	NS	11,000	NS	<24	<24	<24	<24	<24	<24	<24	<24
Vinyl chloride	µg/kg	NS	870 [2]	NS	<17	<17	<17	<17	<17	<17	<17	<17
Total Xylenes	µg/kg	4,100	42,000	NS	<48	<48	<48	<48	<48	<48	<48	<48

Notes: Laboratory analyses performed by: Synergy Environmental Lab, Inc.
µg/kg = micrograms per kilogram (equivalent to parts per billion)
NA = Not Analyzed NS = No Standard
J =Analyte detected between limit of detection and limit of quantification.
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.
[1] = Calculated Site Specific RCLs
[2] = WDNR hazardous waste contained-out determination values
Exceedances: **BOLD** = detected compound **BOX** = concentration exceeds standard

TABLE 2
SOIL ANALYTICAL QUALITY RESULTS
VOLATILE ORGANIC COMPOUNDS
One Hour Fabricare - McKplaco
4704 Burleigh Street
Milwaukee, Wisconsin
Project Reference #10837

Soil Boring Identification:					HA-1		HA-2	MW-1	MW-4	MW-5
Sample Depth (ft):					3	6	6	2-4	2-4	2-4
PID / FID					8	4.5	23	0	0	0
Parameter	Unit	NR 720	NR 746		Collection Date					
		RCL	Table 1	Table 2	06/02/09	06/02/09	06/02/09	05/05/10	05/05/10	05/05/10
Benzene	µg/kg	5.5	8,500	1,100	<20	<20	<20	<35	<35	<35
Bromobenzene	µg/kg	NS	NS	NS	<34	<34	<34	<55	<55	<55
Bromodichloromethane	µg/kg	NS	NS	NS	<16	<16	<16	<31	<31	<31
n-Butylbenzene	µg/kg	NS	NS	NS	<35	<35	<35	<46	<46	<46
sec-Butylbenzene	µg/kg	NS	NS	NS	<25	<25	<25	<35	<35	<35
tert-Butylbenzene	µg/kg	NS	NS	NS	<23	<23	<23	<41	<41	<41
Carbon tetrachloride	µg/kg	NS	NS	NS	<21	<21	<21	<28	<28	<28
Chlorobenzene	µg/kg	NS	NS	NS	<16	<16	<16	<40	<40	<40
Chloroethane	µg/kg	NS	NS	NS	<23	<23	<23	<80	<80	<80
Chloroform	µg/kg	NS	NS	NS	<50	<50	<50	<39	<39	<39
Chloromethane	µg/kg	NS	NS	NS	<43	<43	<43	<43	<43	<43
2-Chlorotoluene	µg/kg	NS	NS	NS	<31	<31	<31	<46	<46	<46
4-Chlorotoluene	µg/kg	NS	NS	NS	<24	<24	<24	<36	<36	<36
Dibromochloromethane	µg/kg	NS	NS	NS	<21	<21	<21	<42	<42	<42
1,2-Dibromo-3-chloropropane	µg/kg	NS	NS	NS	<37	<37	<37	<67	<67	<67
1,2-Dibromoethane	µg/kg	NS	NS	NS	<21	<21	<21	<20	<20	<20
1,2-Dichlorobenzene	µg/kg	NS	NS	NS	<32	<32	<32	<41	<41	<41
1,3-Dichlorobenzene	µg/kg	NS	NS	NS	<41	<41	<41	<37	<37	<37
1,4-Dichlorobenzene	µg/kg	NS	NS	NS	<42	<42	<42	<20	<20	<20
Dichlorodifluoromethane	µg/kg	NS	NS	NS	<33	<33	<33	<33	<33	<33
1,1-Dichloroethane	µg/kg	NS	NS	NS	<22	<22	<22	<45	<45	<45
1,2-Dichloroethane	µg/kg	4.9	600	540	<24	<24	<24	<45	<45	<45
1,1-Dichloroethene	µg/kg	NS	NS	NS	<27	<27	<27	<44	<44	<44
cis-1,2-Dichloroethene	µg/kg	NS	NS	NS	<24	<24	<24	<44	<44	<44
trans-1,2-Dichloroethene	µg/kg	NS	NS	NS	<29	<29	<29	<43	<43	<43
1,2-Dichloropropane	µg/kg	NS	NS	NS	<19	<19	<19	<38	<38	<38
1,3-Dichloropropane	µg/kg	NS	NS	NS	<21	<21	<21	<33	<33	<33
Di-isopropyl ether	µg/kg	NS	NS	NS	<15	<15	<15	<31	<31	<31
Ethylbenzene	µg/kg	2,900	4,600	NS	<16	<16	<16	<56	<56	<56
Hexachlorobutadiene	µg/kg	NS	NS	NS	<50	<50	<50	<79	<79	<79
Isopropylbenzene	µg/kg	NS	NS	NS	<30	<30	<30	<39	<39	<39
p-Isopropyltoluene	µg/kg	NS	NS	NS	<30	<30	<30	<43	<43	<43
Methylene chloride	µg/kg	NS	NS	NS	<44	<44	<44	<52	<52	<52
Methyl-tert-butyl-ether	µg/kg	NS	NS	NS	<23	<23	<23	<27	<27	<27
Naphthalene	µg/kg	NS	2,700	NS	<117	<117	<117	<53	<53	<53
n-Propylbenzene	µg/kg	NS	NS	NS	<29	<29	<29	<44	<44	<44
1,1,2,2-Tetrachloroethane	µg/kg	NS	NS	NS	<25	<25	<25	<29	<29	<29
Tetrachloroethene	µg/kg	1230 [1]	33000 [2]	NS	**1,360**	**980**	**2,820**	**1,730**	<53	**141 J**
Toluene	µg/kg	1,500	38,000	NS	<23	<23	<23	<51	<51	<51
1,2,3-Trichlorobenzene	µg/kg	NS	NS	NS	<87	<87	<87	<58	<58	<58
1,2,4-Trichlorobenzene	µg/kg	NS	NS	NS	<53	<53	<53	<48	<48	<48
1,1,1-Trichloroethane	µg/kg	NS	NS	NS	<27	<27	<27	<28	<28	<28
1,1,2-Trichloroethane	µg/kg	NS	NS	NS	<30	<30	<30	<36	<36	<36
Trichloroethene	µg/kg	160 [1]	14000 [2]	NS	<20	<20	**60 J**	**169**	<50	<50
Trichlorofluoromethane	µg/kg	NS	NS	NS	<16	<16	<16	<35	<35	<35
1,2,4-Trimethylbenzene	µg/kg	NS	83,000	NS	<20	<20	<20	<73	<73	<73
1,3,5-Trimethylbenzene	µg/kg	NS	11,000	NS	<24	<24	<24	<57	<57	<57
Vinyl chloride	µg/kg	NS	870 [2]	NS	<17	<17	<17	<33	<33	<33
Total Xylenes	µg/kg	4,100	42,000	NS	<48	<48	<48	<124	<124	<124

Notes: Laboratory analyses performed by: Synergy Environmental Lab, Inc.
µg/kg = micrograms per kilogram (equivalent to parts per billion)
NA = Not Analyzed NS = No Standard
J =Analyte detected between limit of detection and limit of quantification.
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.
[1] = Calculated Site Specific RCLs
[2] = WDNR hazardous waste contained-out determination values
Exceedances: **BOLD** = detected compound **BOX** = concentration exceeds standard

TABLE 3
GROUNDWATER ANALYTICAL QUALITY RESULTS
VOLATILE ORGANIC COMPOUNDS
One Hour Fabricare - McKplaco Property
4704 West Burleigh Street
Milwaukee, Wisconsin
Project Reference #10837

Monitoring Well Identification:				TMW-2		MW-1	MW-2	MW-3	MW-4	MW-5
Parameter	Unit	NR 140		Collection Date						
		ES	PAL	10/13/06	05/11/10	05/11/10	05/11/10	05/11/10	05/11/10	05/11/10
Benzene	µg/L	5.0	0.5	<47	<0.38	<3.8	<0.38	<38	<0.38	<0.38
Bromobenzene	µg/L	NS	NS	<0.62	<1	<10	<1	<100	<1	<1
Bromodichloromethane	µg/L	0.6	0.06	<0.82	<0.64	<6.4	<0.64	<64	<0.64	<0.64
Bromoform	µg/L	4.4	0.44	<0.3	<0.39	<3.9	<0.39	<39	<0.39	<0.39
tert-Butylbenzene	µg/L	NS	NS	<0.6	<0.55	<5.5	<0.55	<55	<0.55	<0.55
sec-Butylbenzene	µg/L	NS	NS	<0.76	<0.59	<5.9	<0.59	<59	<0.59	<0.59
n-Butylbenzene	µg/L	NS	NS	<1.1	<0.94	<9.4	<0.94	<94	<0.94	<0.94
Carbon Tetrachloride	µg/L	5.0	0.5	<0.52	<0.25	<2.5	<0.25	<25	<0.25	<0.25
Chlorobenzene	µg/L	100	10	<0.56	<0.91	<9.1	<0.91	<91	<0.91	<0.91
Chloroethane	µg/L	400	80	<0.54	<0.67	<6.7	<0.67	<67	<0.67	<0.67
Chloroform	µg/L	6.0	0.6	<0.61	<0.32	<3.2	<0.32	<32	<0.32	<0.32
Chloromethane	µg/L	3.0	0.3	<1	<1.2	<12	<1.2	<120	<1.2	<1.2
2-Chlorotoluene	µg/L	NS	NS	<1.1	<0.51	<5.1	<0.51	<51	<0.51	<0.51
4-Chlorotoluene	µg/L	NS	NS	<0.62	<0.74	<7.4	<0.74	<74	<0.74	<0.74
1,2-Dibromo-3-Chloropropane	µg/L	0.2	0.02	<2.5	<1.9	<19	<1.9	<190	<1.9	<1.9
Dibromochloromethane	µg/L	60	6.0	<0.65	<1.1	<11	<1.1	<110	<1.1	<1.1
1,4-Dichlorobenzene	µg/L	75	15	<0.68	<0.95	<9.5	<0.95	<95	<0.95	<0.95
1,3-Dichlorobenzene	µg/L	1,250	125	<0.72	<0.79	<7.9	<0.79	<79	<0.79	<0.79
1,2-Dichlorobenzene	µg/L	600	60	<0.69	<0.84	<8.4	<0.84	<84	<0.84	<0.84
Dichlorodifluoromethane	µg/L	1,000	200	<0.5	<0.7	<7	<0.7	<70	<0.7	<0.7
1,2-Dichloroethane	µg/L	5.0	0.5	<0.72	<0.38	<3.8	<0.38	<38	<0.38	<0.38
1,1-Dichloroethane	µg/L	850	85	<0.56	<0.69	<6.9	<0.69	<69	<0.69	<0.69
1,1-Dichloroethene	µg/L	7.0	0.7	<0.3	<0.7	<7	<0.7	<70	<0.7	<0.7
cis-1,2-Dichloroethene	µg/L	70	7.0	1.29 J	<0.78	**106**	1.56 J	**150 J**	<0.78	<0.78
trans-1,2-Dichloroethene	µg/L	100	20	<0.95	<1.3	**23.1 J**	<1.3	<130	<1.3	<1.3
1,2-Dichloropropane	µg/L	5.0	0.5	<0.47	<0.34	<3.4	<0.34	<34	<0.34	<0.34
2,2-Dichloropropane	µg/L	NS	NS	<1.2	<0.46	<4.6	<0.46	<46	<0.46	<0.46
1,3-Dichloropropane	µg/L	NS	NS	<0.67	<0.97	<9.7	<0.97	<97	<0.97	<0.97
Di-isopropyl ether	µg/L	NS	NS	<0.71	<0.7	<7	<0.7	<70	<0.7	<0.7
EDB (1,2-Dibromoethane)	µg/L	0.05	0.01	<0.49	<0.95	<9.5	<0.95	<95	<0.95	<0.95
Ethylbenzene	µg/L	700	140	<0.38	<0.55	<5.5	<0.55	<55	<0.55	<0.55
Hexachlorobutadiene	µg/L	NS	NS	<2.1	<1.8	<18	<1.8	<180	<1.8	<1.8
Isopropylbenzene	µg/L	NS	NS	<0.99	<0.71	<7.1	<0.71	<71	<0.71	<0.71
p-Isopropyltoluene	µg/L	NS	NS	<0.81	<0.91	<9.1	<0.91	<91	<0.91	<0.91
Methylene Chloride	µg/L	5.0	0.5	<0.69	<0.47	<4.7	<0.47	<47	<0.47	<0.47
Methyl Tert Butyl Ether (MTBE)	µg/L	60	12	<0.52	<0.25	<2.5	<0.25	<25	<0.25	<0.25
Naphthalene	µg/L	100	10	<2.2	<2.4	<24	<2.4	<240	<2.4	<2.4
n-Propylbenzene	µg/L	NS	NS	<0.61	<0.67	<6.7	<0.67	<67	<0.67	<0.67
1,1,2,2-Tetrachloroethane	µg/L	0.2	0.02	<0.89	<0.5	<5	<0.5	<50	<0.5	<0.5
1,1,1,2-Tetrachloroethane	µg/L	70	7.0	<0.65	<0.7	<7	<0.7	<70	<0.7	<0.7
Tetrachloroethene	µg/L	5.0	0.5	<0.52	**9.1**	**510**	<0.43	**4100**	<0.43	<0.43
Toluene	µg/L	1,000	200	<0.59	<0.72	<7.2	<0.72	<72	<0.72	<0.72
1,2,4-Trichlorobenzene	µg/L	70	14	<1.5	<1.5	<15	<1.5	<150	<1.5	<1.5
1,2,3-Trichlorobenzene	µg/L	NS	NS	<1.4	<0.28	<28	<0.28	<280	<0.28	<0.28
1,1,1-Trichloroethane	µg/L	200	40	<0.5	<0.53	<5.3	<0.53	<53	<0.53	<0.53
1,1,2-Trichloroethane	µg/L	5.0	0.5	<0.5	<0.47	<4.7	<0.47	<47	<0.47	<0.47
Trichloroethene (TCE)	µg/L	5.0	0.5	<0.44	**0.55 J**	**112**	0.40 J	**267**	<0.39	**1.92**
Trichlorofluoromethane	µg/L	3,490	698	<0.61	<0.56	<5.6	<0.56	<56	<0.56	<0.56
1,2,4-Trimethylbenzene	µg/L	**	**	<0.39	<0.65	<6.5	<0.65	<65	<0.65	<0.65
1,3,5-Trimethylbenzene	µg/L	**	**	<1.2	<0.55	<5.5	<0.55	<55	<0.55	<0.55
Total Trimethylbenzenes	µg/L	480	96	<1.59	<1.2	<12	<1.2	<120	<1.2	<1.2
Vinyl Chloride	µg/L	0.2	0.02	**0.2 J**	<0.19	<1.9	<0.19	<19	<0.19	<0.19
Xylenes (total)	µg/L	10,000	1,000	<1.42	<1.62	<16.2	<1.62	<162	<1.62	<1.62

Notes:
Terracon conducted groundwater sampling on October 13, 2006
µg/L = micrograms per liter (equivalent to parts per billion)
J = Analyte detected between limit of detection and limit of quantification
NA = Not Analyzed NS =No Standard
NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
Exceedances: **BOLD** = concentration exceeds Chapter NR 140 PAL **BOX** = concentration exceeds Chapter NR 140 ES

TABLE 4

SUB-SLAB AIR ANALYTICAL QUALITY RESULTS

ONE HOUR FABRICARE - MCKPLACO

4704 WEST BURLEIGH STREET

MILWAUKEE, WISCONSIN

Project Reference #10837

Volatile Organic Compounds - Detects Only	Unit	Calculated Sub-Slab Air Standard	SSV-1-10837 Collection Date 8/2/2010
cis 1,2- dichloroethene	µg/m3	NS	198
tetrachloroethene	µg/m3	41	**1140000**
trans 1,2-dichloroethene	µg/m3	630	75
trichloroethene	µg/m3	120	**43800**
vinyl chloride	µg/m3	16	<2.2

Notes:

µg/m3 =micrograms per cubic meter of air

NS = No calculated standard

Sub-Slab Air Stanard = The sub-slab air standard was calculated using EPA Residential Air Standard and the WDNR conversion factor of 10 for a non-carcinogenic and 100 for a carcinogenic analyte.

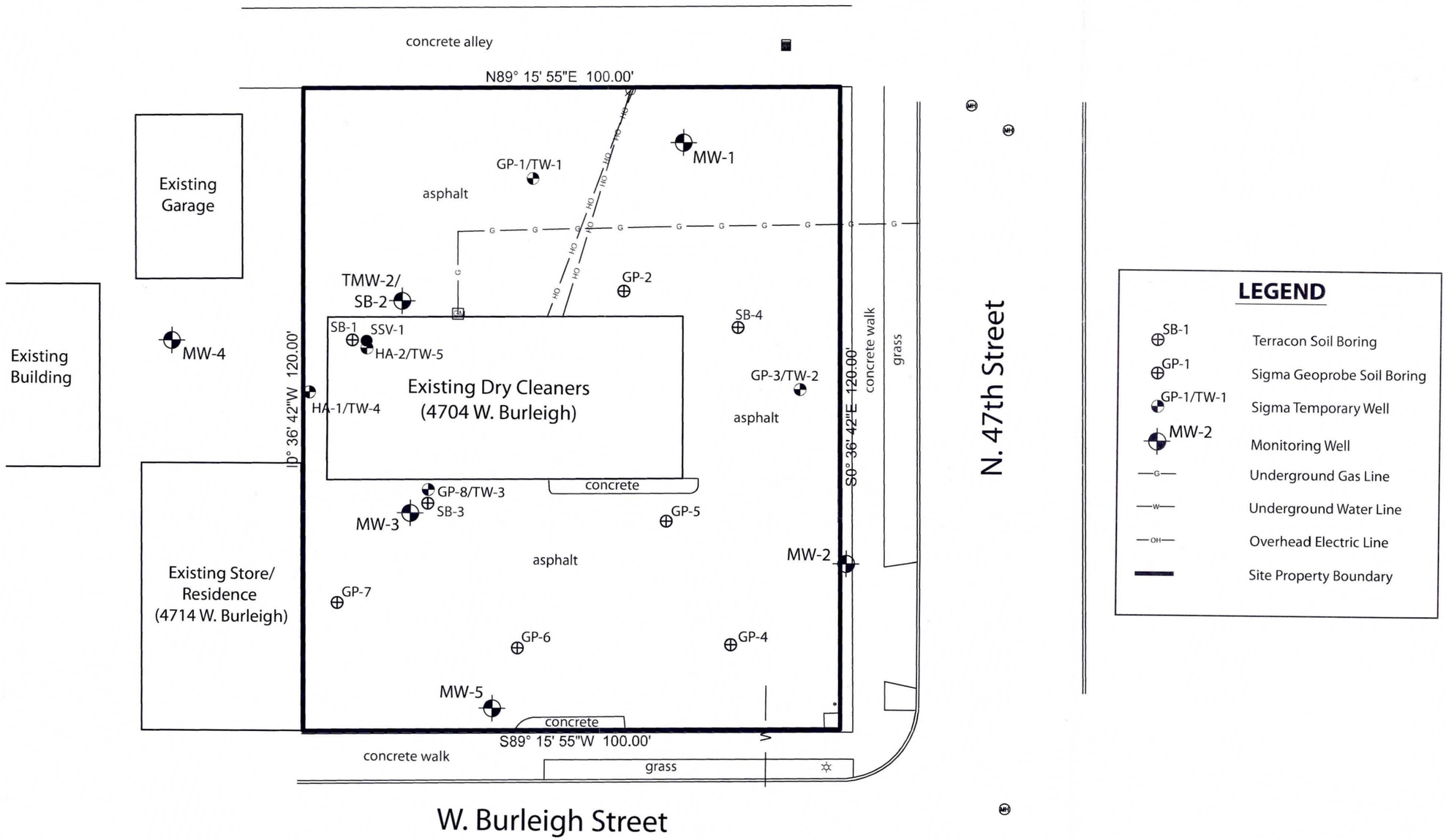
Exceedances: **BOLD** = concentration exceeds calculated sub-slab air standard

Sub Slab

PCE SSVRSL = 6,000

= 290

TCE



LEGEND

- SB-1 — Terracon Soil Boring
- GP-1 — Sigma Geoprobe Soil Boring
- GP-1/TW-1 — Sigma Temporary Well
- MW-2 — Monitoring Well
- —G— Underground Gas Line
- —W— Underground Water Line
- —OH— Overhead Electric Line
- Site Property Boundary

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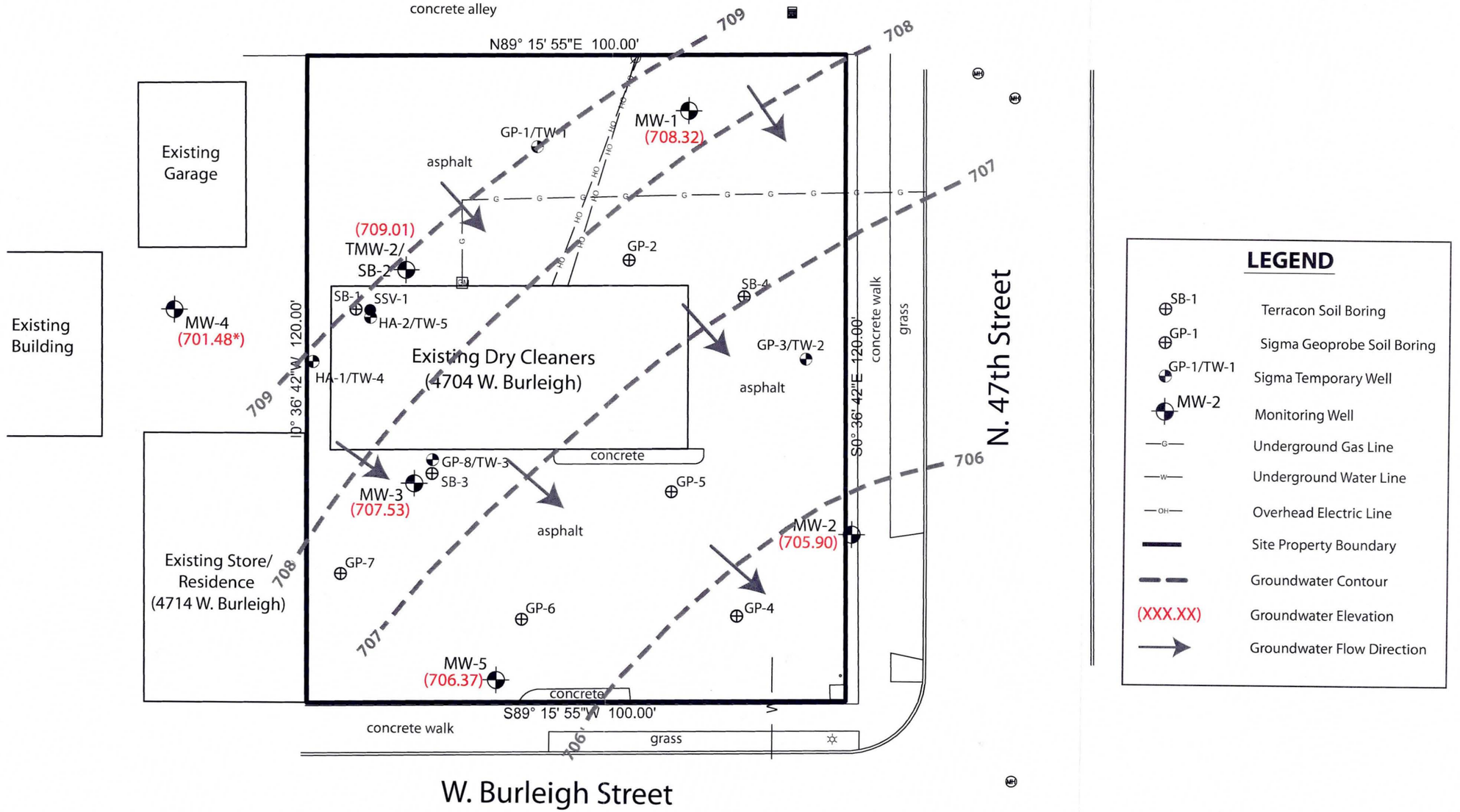
SITE PLAN MAP

McKplaco, Inc./One Hour Fabricare Cleaners
4704 W. Burleigh, Milwaukee, Wisconsin

FIGURE
2

Project: 10837 | Directory: Graphics | Filename: 10837_Fig 2SPM.ai | Created By: MET | Date: 06/03/2010



LEGEND

SB-1	Terracon Soil Boring
GP-1	Sigma Geoprobe Soil Boring
GP-1/TW-1	Sigma Temporary Well
MW-2	Monitoring Well
—G—	Underground Gas Line
—W—	Underground Water Line
—OH—	Overhead Electric Line
	Site Property Boundary
	Groundwater Contour
(XXX.XX)	Groundwater Elevation
	Groundwater Flow Direction

* = groundwater elevation not considered during evaluation of groundwater flow.

THE SIGMA GROUP
Single Source. Sound Solutions.

GROUNDWATER CONTOUR MAP

McKplaco, Inc./One Hour Fabricare Cleaners
4704 W. Burleigh, Milwaukee, Wisconsin

FIGURE
3

Project: 10837 | Directory: Graphics | Filename: 10837_Fig 3_GCM.ai | Created By: MET | Date: 11/01/2010

Soil Quality Legend

All results reported in micrograms per kilograms (ug/kg).

J = Concentrations reported between the laboratory
PCE = Tetrachloroethene
TCE = Trichloroethene
DCE = cis 1,2-dichloroethene
SSRCL = Calculated site specific residual contaminant levels
NR 720 RCL = Chapter NR 720 Residual Contaminant Level
Bold = Concentrations are greater than SSRCL/720 RCL

MW-1	
Depth	2-4
PCE	**1,730**
TCE	**169**

GP-1		
Depth	2-4	6-8
PCE	88	<18
TCE	29 J	<20

GP-2		
Depth	0-2	4-6
PCE	**710**	**2,490**
TCE	123	470
DCE	83	164

SB-1		
Depth	21"	27.5"
PCE	**2,400**	**9,500**
TCE	25 J	45 J

SB-2		
Depth	4	11
PCE	120	<250

SB-4		
Depth	4	14
PCE	<25	<25

MW-4	
Depth	2-4
PCE	<53

HA-2	
Depth	6
PCE	**2,820**

HA-1		
Depth	3	6
PCE	**1,360**	980

GP-3		
Depth	0-2	6-8
Benzene	<20	1,100
Ethylbenzene	23 J	**8,800**
Toluene	<23	62 J
Xylenes	73 J	2,696
Naphthalene	<117	550
PCE	<18	<18

GP-8		
Depth	2-4	6-8
PCE	**3,900**	**5,900**
TCE	<20	134

GP-7		
Depth	2-4	4-6
PCE	210	172

GP-5		
Depth	0-2	4-6
PCE	<18	<18

SB-3		
Depth	10	14
PCE	**10,100**	<25
TCE	190	<25

GP-6		
Depth	0-2	4-6
PCE	100	**1,290**

GP-4		
Depth	2-4	4-6
PCE	<18	<18
Toluene	27 J	<23

MW-5	
Depth	2-4
PCE	141 J

concrete alley
N89° 15' 55"E 100.00'
asphalt
Existing Building
Existing Dry Cleaners (4704 W. Burleigh)
Existing Store/ Residence (4714 W. Burleigh)
S0° 36' 42"W 120.00'
S0° 36' 42"E 120.00'
concrete walk
grass
concrete
W. Burleigh Street
47th Street
SB-1 SSV-1
HA-2/TW-5
HA-1/TW-4
GP-1/TW-1
MW-1
TMW-2
SB-2
GP-2
SB-4
MW-4
GP-3/TW-2
GP-8/TW-3
SB-3
MW-3
GP-5
MW-2
GP-7
GP-6
GP-4
MW-5

LEGEND

- SB-1 — Terracon Soil Boring
- GP-1 — Sigma Geoprobe Soil Boring
- GP-1/TW-1 — Sigma Temporary Well
- MW-2 — Monitoring Well
- —G— Underground Gas Line
- —W— Underground Water Line
- —OH— Overhead Electric Line
- Site Property Boundary

N
0 20 ft.

THE SIGMA GROUP
Single Source. Sound Solutions.

SOIL QUALITY MAP (Detects Only)
Mckplaco, Inc./One Hour Fabricare Cleaners
4704 W. Burleigh, Milwaukee, Wisconsin

FIGURE
4

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Groundwater Quality Legend

All results reported in micrograms per liter (ug/l).

NA = Not Analyzed
PCE = Tetrachloroethene
TCE = Trichloroethene
cis 1,2-DCE = cis 1,2-Dichloroethene
NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
Bold = Concentrations are greater than NR 140 PAL
Bold/Line = Concentrations are greater than NR 140 ES

MW-1	
Date	5/11/10
Cis-1,2-DCE	**106**
Trans-1,2-DCE	**23.1 J**
PCE	**510**
TCE	**112**

TMW-2		
Date	10/13/06	5/11/10
Cis 1,2-DCE	1.29 J	<0.78
PCE	<0.52	**9.1**
TCE	<0.44	**0.55 J**
Vinyl Chloride	**0.2 J**	<0.19

MW-4	
Date	5/11/10
Cis-1,2-DCE	<0.78
PCE	<0.43
TCE	<0.39

MW-3	
Date	5/11/10
Cis-1,2-DCE	**150 J**
PCE	**4100**
TCE	**267**

MW-2	
Date	5/11/10
Cis-1,2-DCE	1.56 J
TCE	0.40 J

MW-5	
Date	5/11/10
Cis-1,2-DCE	<0.78
PCE	<0.43
TCE	**1.92**

concrete alley
N89° 15' 55"E 100.00'
Existing Garage
Existing Building
Existing Dry Cleaners (4704 W. Burleigh)
Existing Store/ Residence (4714 W. Burleigh)
asphalt
concrete
concrete walk
grass
S89° 15' 55"W 100.00'
S0° 36' 42"E 120.00'
N0° 36' 42"W 120.00'
N. 47th Street
W. Burleigh Street
GP-1/TW-1
TMW-2/ SB-2
SB-1
SSV-1
HA-2/TW-5
HA-1/TW-4
GP-2
SB-4
GP-3/TW-2
GP-8/TW-3
SB-3
GP-5
GP-7
GP-6
GP-4
MW-1
MW-2
MW-3
MW-4
MW-5

LEGEND

- SB-1 — Terracon Soil Boring
- GP-1 — Sigma Geoprobe Soil Boring
- GP-1/TW-1 — Sigma Temporary Well
- MW-2 — Monitoring Well
- G — Underground Gas Line
- W — Underground Water Line
- OH — Overhead Electric Line
- Site Property Boundary

N
0 20 ft.

THE SIGMA GROUP
Single Source. Sound Solutions.

GROUNDWATER QUALITY MAP
(Exceedances from NR 141 Wells Only)
McKplaco, Inc./One Hour Fabricare Cleaners
4704 W. Burleigh, Milwaukee, Wisconsin

FIGURE
5

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