THE SIGMA GROUP
Single Source. Sound Solutions.

October 31, 2011 Project Reference #12920

[redacted]

RE: Summary of Phase II Environmental Site Assessment Results and Recommendations
[redacted]
6129 Beloit Road
West Allis, Wisconsin

Dear [redacted]

Sigma Environmental Services, Inc. (Sigma) has completed the Phase II Environmental Site Assessment activities at the property located at 6129 Beloit Road, West Allis, Wisconsin (hereinafter "the subject site"). The site is currently listed as an open ERP case# 02-41-000364. The site investigation scope of work included the completion of eight soil borings, four temporary monitoring wells and the collection and laboratory analysis of soil and groundwater samples. As a result of the initial site activities, Sigma has prepared this report to review and summarize the subsurface conditions encountered during the completion of these activities.

This report contains the following attachments:

Table 1	Summary Soil Analytical Results
Table 2	Summary of Groundwater Analytical Results
Figure 1	Soil Boring/Temporary Monitoring Well Location Map

PROJECT SCOPE AND APPROACH

The Phase II ESA was conducted on behalf of Town Bank as a due diligence activity to evaluate the current subsurface conditions of the subject site. The purpose of the Phase II was to investigate the potential for soil and groundwater impacts relative to historical uses on the subject property.

On September 15, 2011, Sigma's Phase II ESA scope of services consisted of advancing seven Geoprobe soil borings to depths ranging from12 to 16 feet below ground surface (bgs); one hand auger soil boring inside the building to a depth of 3 feet bgs: installing four temporary monitoring wells; collecting one soil sample per boring for volatile organic compounds (VOCs) and polynuclear hydrocarbon (PAH) analysis; and collecting four groundwater samples for VOC analysis. The soil borings were designated GP-1 through GP-7 and the hand auger boring was designated HA-1. Temporary monitoring wells were installed in soil borings GP-1, GP-2, GP-3, and GP-7. The approximate locations of the soil borings and temporary monitoring wells are depicted on Figure 1.

1300 West Canal Street | Milwaukee, WI 53233 | 414-643-4200 414-643-4210 www.thesigmagroup.com

SOIL BORING AND SAMPLING

Soil samples were collected on a continuous basis to the bottom of each soil boring using a 4-foot long, 2-inch diameter sampler advanced with a Geoprobe drill rig. Each sample was described on the basis of grain size, color, stiffness or density, and other relevant characteristics, and classified in general accordance with the Unified Soil Classification System (USCS).

One soil sample from the observed unsaturated zone above the groundwater table at each soil boring location with the exception of the soil sample collected from the 8-10 foot depth interval in boring GP-2 due to field screening results were containerized and preserved in the field and were submitted to Synergy Environmental Lab located in Appleton, Wisconsin (Wisconsin lab certification #445037560) with a chain of custody form for laboratory analysis of volatile VOCs and PAHs.

Following soil sample collection, temporary well screens were installed in four soil boring locations for groundwater sample collection. The soil borings and temporary wells were abandoned in accordance with Wisconsin Administrative Code NR 141.25 on September 15 and October 3, 2011.

GROUNDWATER TEMPORARY WELL INSTALLATION AND SAMPLING

Temporary groundwater monitoring wells were installed in four of the soil borings. The temporary monitoring wells were constructed of 1-inch diameter polyvinyl chloride (PVC) riser pipe with 5 feet of 0.010-inch slot size PVC well screen. The temporary monitoring wells were set at a depth of approximately 5 to 15 feet bgs. Following installation, the temporary monitoring wells were developed by purging with a peristaltic pump until the water was observed to be sediment free. screens

One groundwater sample was collected from the three temporary monitoring wells. Groundwater samples were collected from the temporary monitoring wells using new disposable bailer and rope at each well. All groundwater samples were submitted to Synergy Environmental Lab, Inc., Appleton, Wisconsin (Wisconsin lab certification #445037560) with a chain of custody form for analysis of VOCs.

RESULTS

The results of the soil and groundwater testing are presented and discussed below. The laboratory analytical results for soil are summarized in **Table 1**. The laboratory analytical results for groundwater are summarized in **Table 2**.

Soil VOC results are compared to Wisconsin Administrative Code (WAC) suggested *NR 720 Generic Residual Compound Levels for VOCs in soil* and suggested NR 746 *Indicators of Residual Petroleum Product in Soil Pores (Table 1 values)* and Protection of Human Health from Direct Contact with Contaminated Soil (Table 2 values). Exceedance values for these standards are presented in **Table 1**.

Groundwater results are compared to the *WAC Ch. NR140 Enforcement Standards* (ES) and Preventive Action Limits (PAL). Exceedance values for these standards are presented in **Table 2**.

Soil Results

Subsurface materials immediately underlying the site generally consist of brown silty clay. Shallow discontinuous silt and sand layers (fill) were present in borings GP-2, GP-3, GP-4, and GP-5. Foundry related fill was present in boring GP-4. The shallow material beneath the on-site building consisted of sand, gravel, rock, and slag.

VOCs and PAHs

VOC compounds were reported above the laboratory method detection limits (MDL) in the soil samples collected from borings GP-2, GP-6, and HA-1 located on the west side of the subject site. VOC compounds benzene, ethyl benzene, toluene, and xylenes were reported above the WAC NR 720 RCL values and WAC NR 746 Table 2 values. Benzene was also reported above the WAC NR 746 table 2 values in boring HA-1. The soil laboratory results are summarized in **Table 1.**

Groundwater Results

Depth to groundwater measurements were collected from the temporary monitoring wells on October 3, 2011. Groundwater was generally encountered at depths ranging from approximately 4 to 11 feet bgs. The temporary monitoring wells were not surveyed as part of the Phase II activities and the groundwater elevations may not have been at equilibrium at the time of the groundwater sampling therefore actual groundwater flow direction could not be interpreted.

VOCs

VOC compounds were reported above the laboratory method detection limits (MDL) in the groundwater sample collected from temporary well GP-2. Benzene (293 ug/l) and methylene chloride (55ug/l) were reported above the WAC NR140 enforcement standards. The groundwater results are summarized in **Table 2.**

SUMMARY

The Phase II ESA activities were completed to evaluate shallow soil and groundwater conditions to evaluate the current subsurface conditions to support a potential purchase of the subject site. Based on the soil and groundwater analytical results from the Phase II ESA completed by Sigma on September 15 and October 3, 2011, it appears that VOCs have impacted soil and groundwater at the subject site. Presently, the areal extent of tha potentially affected soil and groundwater is not defined on the subject property. In addition, non-native foundry related material was identified to be present at the site.

RECOMMENDATION

Review of the available site-specific information regarding the subject property indicates that the source and extent of affected soil and groundwater and fill material has not been determined. Therefore, the primary goals of additional investigation activities at the subject property should be to define the nature and extent of on-site affected soil and groundwater and fill material and provide the necessary information to determine the source and extent of the impacts. Work activities required to achieve [illegible]

- Advancement of additional soil borings to further evaluate the lateral extent of foundry related fill material and identified soil impacts;
- Installation of three 2-inch diameter monitoring wells;
- Collection and analysis of shallow soil samples for VOC and RCRA metals laboratory analysis;

- Development and surveying of the wells;
- Collection and analysis of groundwater samples from the wells for applicable analysis;
- Preparation of a report summarizing the collected data and providing conclusions and recommendations.

COST ESTIMATE

Sigma's budgetary cost estimate range to perform the additional recommended activities to adequately evaluate the environmental subsurface conditions of the site and obtain case closure status from the WDNR is $20,000 to $30,000. Following completion of the additional investigative activities, a more accurate cost estimate to case closure can be provided.

LIMITATIONS OF INVESTIGATION

This report was prepared under the constraint of cost, time and scope of work, and reflects an assessment and evaluation that is based on date collected from potential areas of concern at the time of the evaluation. Our assessment was performed using the degree of care and skill ordinarily exercised, under similar circumstances, by professional consultants practicing in this or similar localities. No other warranty or guarantee, expressed or implied, is made as the conclusions and professional advice included in this report.

The findings of this report are valid as of the present date of the assessment. However, changes in the conditions of a property can occur with the passage of time, whether due to natural processes or the works of man on this or adjacent properties. In addition, changes in applicable or appropriate standards may occur, whether they result from legislation, from the broadening of knowledge, or from other reasons. Accordingly, the findings of this report may be invalid wholly or partially by changes outside our control.

A subsurface exploration was performed and is presented in this report. However, subsurface exploration cannot totally reveal what is below the surface. Depending upon the sampling method and frequency, every soil condition may not be observed, and some materials or layers, which are present in the subsurface, may not be noted.

This report is issued with understanding that it is the responsibility of the owner(s) to ensure that the information and recommendations contained herein are brought to the attention of the appropriate regulatory agency(ies), if warranted.

CLOSING

Thank you for the opportunity to assist you with this project. Please contact us if you have any questions or comments regarding the completed activities or information presented in this report.

Sincerely,

SIGMA ENVIRONMENTAL SERVICES, INC.

Dale C. Armbruster, P.G.
Senior Project Manager

Randy E. Boness, P.G.
Manager-Geosciences

kal / Attachments

Soil

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
Agnes Ace Cleaners
6120 Beloit Road
West Allis, Wisconsin
Project Reference #13520

Soil Boring Identification:					GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	HA-1
Depth (feet)					14 - 16	8 - 10	8 - 10	8 - 10	10 - 12	5 - 6	14 - 16	3 - 4
		NR 720	NR 746		Collection Date							
Parameter	Unit	(1) RCL	(2) Table 1	(3) Table 2	09/16/11	9/16/2011 [13]	09/16/11	09/16/11	09/16/11	09/16/11	09/16/11	09/16/11
Benzene	µg/kg	5.5	8,500	1,100	<8.9	(1,3) 1400	<8.9	<8.9	<8.9	<8.9	<8.9	(1) 40
Bromobenzene	µg/kg	NS	NS	NS	<14	<280	<14	<14	<14	<14	<14	<14
Bromodichloromethane	µg/kg	NS	NS	NS	<12	<240	<12	<12	<12	<12	<12	<12
Bromoform	µg/kg	NS	NS	NS	<20	<400	<20	<20	<20	<20	<20	<20
tert-Butylbenzene	µg/kg	NS	NS	NS	<54	<1080	<54	<54	<54	<54	<54	<54
sec-Butylbenzene	µg/kg	NS	NS	NS	<51	1200 [J]	<51	<51	<51	98 [J]	<51	81 [J]
n-Butylbenzene	µg/kg	NS	NS	NS	<48	1640 [J]	<48	<48	<48	<48	<48	123 [J]
Carbon tetrachloride	µg/kg	NS	NS	NS	<12	<240	<12	<12	<12	<12	<12	<12
Chlorobenzene	µg/kg	NS	NS	NS	<9.4	<188	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4
Chloroethane	µg/kg	NS	NS	NS	<142	<2840	<142	<142	<142	<142	<142	<142
Chloroform	µg/kg	NS	NS	NS	<46	<920	<46	<46	<46	<46	<46	<46
Chloromethane	µg/kg	NS	NS	NS	<207	<4140	<207	<207	<207	<207	<207	<207
2-Chlorotoluene	µg/kg	NS	NS	NS	<84	<1680	<84	<84	<84	<84	<84	<84
4-Chlorotoluene	µg/kg	NS	NS	NS	<76	<1520	<76	<76	<76	<76	<76	<76
1,2-Dibromo-3-chloropropane	µg/kg	NS	NS	NS	<77 [4,6]	<1540	<77	<77 [4,6]	<77 [4,6]	<77 [4,6]	<77 [4,6]	<77 [4,6]
Dibromochloromethane	µg/kg	NS	NS	NS	<9.5	<190	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5
1,4-Dichlorobenzene	µg/kg	NS	NS	NS	<52	<1040	<52	<52	<52	<52	<52	<52
1,3-Dichlorobenzene	µg/kg	NS	NS	NS	<53	<1060	<53	<53	<53	<53	<53	<53
1,2-Dichlorobenzene	µg/kg	NS	NS	NS	<51	<1020	<51	<51	<51	<51	<51	<51
Dichlorodifluoromethane	µg/kg	NS	NS	NS	<12	<240	<12	<12	<12	<12	<12	<12
1,2-Dichloroethane	µg/kg	4.9	600	540	<13	<260	<13	<13	<13	<13	<13	<13
1,1-Dichloroethane	µg/kg	NS	NS	NS	<11	<220	<11	<11	<11	<11	<11	<11
1,1-Dichloroethene	µg/kg	NS	NS	NS	<22	<440	<22	<22	<22	<22	<22	<22
cis-1,2-Dichloroethene	µg/kg	NS	NS	NS	<14	28 [J]	<14	<14	<14	<14	<14	<14
trans-1,2-Dichloroethene	µg/kg	NS	NS	NS	<22	<440	<22	<22	<22	<22	<22	<22
1,2-Dichloropropane	µg/kg	NS	NS	NS	<11	<220	<11	<11	<11	<11	<11	<11
2,2-Dichloropropane	µg/kg	NS	NS	NS	<33	<660	<33	<33	<33	<33	<33	<33
1,3-Dichloropropane	µg/kg	NS	NS	NS	<11	<220	<11	<11	<11	<11	<11	<11
Di-isopropyl ether	µg/kg	NS	NS	NS	<47	<940	<47	<47	<47	<47	<47	<47
EDB (1,2-Dibromoethane)	µg/kg	NS	NS	NS	<17	<340	<17	<17	<17	<17	<17	<17
Ethylbenzene	µg/kg	2,900	4,600	NS	<55	(1) 3800	<55	<55	<55	<55	<55	<55
Hexachlorobutadiene	µg/kg	NS	NS	NS	<95	<1900	<95	<95	<95	<95	<95	<95
Isopropylbenzene	µg/kg	NS	NS	NS	<53	<1060	<53	<53	<53	<53	<53	<53
p-Isopropyltoluene	µg/kg	NS	NS	NS	<45	1010 [J]	<45	<45	<45	<45	<45	46 [J]
Methylene chloride	µg/kg	NS	NS	NS	<119	<2380	<119	<119	<119	<119	<119	<119
Methyl-tert-butyl-ether	µg/kg	NS	NS	NS	<12	<240	<12	<12	<12	<12	<12	<12
Naphthalene	µg/kg	NS	2,700	NS	<107	<2140	<107	<107	<107	<107	<107	<107
n-Propylbenzene	µg/kg	NS	NS	NS	<53	3070 [J]	<53	<53	<53	<53	<53	173
1,1,2,2-Tetrachloroethane	µg/kg	NS	NS	NS	<20	<400	<20	<20	<20	<20	<20	<20
1,1,1,2-Tetrachloroethane	µg/kg	NS	NS	NS	<41	<820	<41	<41	<41	<41	<41	<41
Tetrachloroethene	µg/kg	NS	NS	NS	<24	<480	<24	<24	<24	<24	<24	104
Toluene	µg/kg	1,500	38,000	NS	<50	(1) 3300 [J]	<50	<50	<50	<50	<50	<50
1,2,4-Trichlorobenzene	µg/kg	NS	NS	NS	<74 [6]	<1480	<74	<74 [2]	<74 [2]	<74 [2]	<74 [2]	<74 [2]
1,2,3-Trichlorobenzene	µg/kg	NS	NS	NS	<129	<2580	<129	<129	<129	<129	<129	<129
1,1,1-Trichloroethane	µg/kg	NS	NS	NS	<11	<220	<11	<11	<11	<11	<11	<11
1,1,2-Trichloroethane	µg/kg	NS	NS	NS	<16	<320	<16	<16	<16	<16	<16	<16
Trichloroethene	µg/kg	NS	NS	NS	<17	<340	<17	<17	<17	<17	<17	63
Trichlorofluoromethane	µg/kg	NS	NS	NS	<43	<860	<43	<43	<43	<43	<43	<43
1,2,4-Trimethylbenzene	µg/kg	NS	83,000	NS	<80	20900	<80	<80	<80	<80	<80	920
1,3,5-Trimethylbenzene	µg/kg	NS	11,000	NS	<48	8800	<48	<48	<48	<48	<48	340
Vinyl chloride	µg/kg	NS	NS	NS	<16	<320	<16	<16	<16	<16	<16	<16
Total Xylenes	µg/kg	4,100	42,000	NS	<88	(1) 16140 [J]	<88	<88	<88	<88	<88	219 [J]

Notes:

2 = relative percent difference failed for laboratory spiked samples
4 = continuing calibration standard not within established limits
6 = closing calibration standard not within established limits
13 = sample does not meet method specific weight requirements
J = analyte detected between Limit of Detection and Limit of Quantitation
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
BOLD = detected compound
(1) = concentration exceeds suggested NR 720 Generic RCLs for VOC Compounds in Soil
(2) = concentration exceeds suggested NR 746 Indicators of Residual Petroleum Product in Soil Pores (Table 1)
(3) = concentration exceeds suggested NR 746 Protection of Human Health from Direct Contact with Contaminated Soil (Table 2)

Parameter	Unit	(1) RCL	(2) Table 1	(3) Table 2	09/16/11	9/16/2011 [13]	09/16/11	09/16/11	09/16/11	09/16/11	09/16/11	09/16/11
Benzene	µg/kg	5.5	8,500	1,100	<8.9	(1,3) 1480	<8.9	<8.9	<8.9	<8.9	<8.9	(1) 40
Bromobenzene	µg/kg	NS	NS	NS	<14	<280	<14	<14	<14	<14	<14	<14
Bromodichloromethane	µg/kg	NS	NS	NS	<12	<240	<12	<12	<12	<12	<12	<12
Bromoform	µg/kg	NS	NS	NS	<20	<400	<20	<20	<20	<20	<20	<20
tert-Butylbenzene	µg/kg	NS	NS	NS	<54	<1080	<54	<54	<54	<54	<54	<54
sec-Butylbenzene	µg/kg	NS	NS	NS	<51	1200 J	<51	<51	<51	98 J	<51	81 J
n-Butylbenzene	µg/kg	NS	NS	NS	<48	1040 J	<48	<48	<48	<48	<48	122 J
Carbon tetrachloride	µg/kg	NS	NS	NS	<12	<240	<12	<12	<12	<12	<12	<12
Chlorobenzene	µg/kg	NS	NS	NS	<9.4	<188	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4
Chloroethane	µg/kg	NS	NS	NS	<142	<2840	<142	<142	<142	<142	<142	<142
Chloroform	µg/kg	NS	NS	NS	<46	<920	<46	<46	<46	<46	<46	<46
Chloromethane	µg/kg	NS	NS	NS	<207	<4140	<207	<207	<207	<207	<207	<207
2-Chlorotoluene	µg/kg	NS	NS	NS	<84	<1680	<84	<84	<84	<84	<84	<84
4-Chlorotoluene	µg/kg	NS	NS	NS	<76	<1520	<76	<76	<76	<76	<76	<76
1,2-Dibromo-3-chloropropane	µg/kg	NS	NS	NS	<77 [4,5]	<1540	<77	<77 [4,5]	<77 [4,5]	<77 [4,5]	<77 [4,5]	<77 [4,5]
Dibromochloromethane	µg/kg	NS	NS	NS	<9.5	<190	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5
1,4-Dichlorobenzene	µg/kg	NS	NS	NS	<52	<1040	<52	<52	<52	<52	<52	<52
1,3-Dichlorobenzene	µg/kg	NS	NS	NS	<53	<1060	<53	<53	<53	<53	<53	<53
1,2-Dichlorobenzene	µg/kg	NS	NS	NS	<51	<1020	<51	<51	<51	<51	<51	<51
Dichlorodifluoromethane	µg/kg	NS	NS	NS	<12	<240	<12	<12	<12	<12	<12	<12
1,2-Dichloroethane	µg/kg	4.9	600	540	<13	<260	<13	<13	<13	<13	<13	<13
1,1-Dichloroethane	µg/kg	NS	NS	NS	<11	<220	<11	<11	<11	<11	<11	<11
1,1-Dichloroethene	µg/kg	NS	NS	NS	<22	<440	<22	<22	<22	<22	<22	<22
cis-1,2-Dichloroethene	µg/kg	NS	NS	NS	<14	20 J	<14	<14	<14	<14	<14	<14
trans-1,2-Dichloroethene	µg/kg	NS	NS	NS	<22	<440	<22	<22	<22	<22	<22	<22
1,2-Dichloropropane	µg/kg	NS	NS	NS	<11	<220	<11	<11	<11	<11	<11	<11
2,2-Dichloropropane	µg/kg	NS	NS	NS	<33	<660	<33	<33	<33	<33	<33	<33
1,3-Dichloropropane	µg/kg	NS	NS	NS	<11	<220	<11	<11	<11	<11	<11	<11
Di-isopropyl ether	µg/kg	NS	NS	NS	<47	<940	<47	<47	<47	<47	<47	<47
EDB (1,2-Dibromoethane)	µg/kg	NS	NS	NS	<17	<340	<17	<17	<17	<17	<17	<17
Ethylbenzene	µg/kg	2,900	4,600	NS	<55	(1) 3800	<55	<55	<55	<55	<55	<55
Hexachlorobutadiene	µg/kg	NS	NS	NS	<95	<1900	<95	<95	<95	<95	<95	<95
Isopropylbenzene	µg/kg	NS	NS	NS	<53	<1060	<53	<53	<53	<53	<53	<53
p-Isopropyltoluene	µg/kg	NS	NS	NS	<45	1010 J	<45	<45	<45	<45	<45	40 J
Methylene chloride	µg/kg	NS	NS	NS	<119	<2380	<119	<119	<119	<119	<119	<119
Methyl-tert-butyl-ether	µg/kg	NS	NS	NS	<12	<240	<12	<12	<12	<12	<12	<12
Naphthalene	µg/kg	NS	2,700	NS	<107	<2140	<107	<107	<107	<107	<107	<107
n-Propylbenzene	µg/kg	NS	NS	NS	<53	3070 J	<53	<53	<53	<53	<53	173
1,1,2,2-Tetrachloroethane	µg/kg	NS	NS	NS	<20	<400	<20	<20	<20	<20	<20	<20
1,1,1,2-Tetrachloroethane	µg/kg	NS	NS	NS	<41	<820	<41	<41	<41	<41	<41	<41
Tetrachloroethene	µg/kg	NS	NS	NS	<24	<480	<24	<24	<24	<24	<24	104
Toluene	µg/kg	1,500	38,000	NS	<50	(1) 2200 J	<50	<50	<50	<50	<50	<50
1,2,4-Trichlorobenzene	µg/kg	NS	NS	NS	<74 [2]	<1480	<74	<74 [2]	<74 [2]	<74 [2]	<74 [2]	<74 [2]
1,2,3-Trichlorobenzene	µg/kg	NS	NS	NS	<129	<2580	<129	<129	<129	<129	<129	<129
1,1,1-Trichloroethane	µg/kg	NS	NS	NS	<11	<220	<11	<11	<11	<11	<11	<11
1,1,2-Trichloroethane	µg/kg	NS	NS	NS	<16	<320	<16	<16	<16	<16	<16	<16
Trichloroethene	µg/kg	NS	NS	NS	<17	<340	<17	<17	<17	<17	<17	63
Trichlorofluoromethane	µg/kg	NS	NS	NS	<43	<860	<43	<43	<43	<43	<43	<43
1,2,4-Trimethylbenzene	µg/kg	NS	83,000	NS	<80	20900	<80	<80	<80	<80	<80	920
1,3,5-Trimethylbenzene	µg/kg	NS	11,000	NS	<48	6800	<48	<48	<48	<48	<48	340
Vinyl chloride	µg/kg	NS	NS	NS	<16	<320	<16	<16	<16	<16	<16	<16
Total Xylenes	µg/kg	4,100	42,000	NS	<88	(1) 16140 J	<88	<88	<88	<88	<88	218 J

Notes:

2 = relative percent difference failed for laboratory spiked samples
4 = continuing calibration standard not within established limits
5 = closing calibration standard not within established limits
13 = sample does not meet method specific weight requirements
J = analyte detected between Limit of Detection and Limit of Quantitation
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.
BOLD = detected compound
(1) = concentration exceeds suggested NR 720 Generic RCLs for VOC Compounds in Soil
(2) = concentration exceeds suggested NR 746 Indicators of Residual Petroleum Product in Soil Pores (Table 1)
(3) = concentration exceeds suggested NR 746 Protection of Human Health from Direct Contact with Contaminated Soil (Table 2)

*need VI pathway assessment

hand auger sample @ 3-4'

B = 5.5, E = 2900, T = 1,500, X = 4100

B = 1100

B=8500, E=4600, T=38000, X=42000, N=2700, 124TMB=83000
135TMB=11000

GW

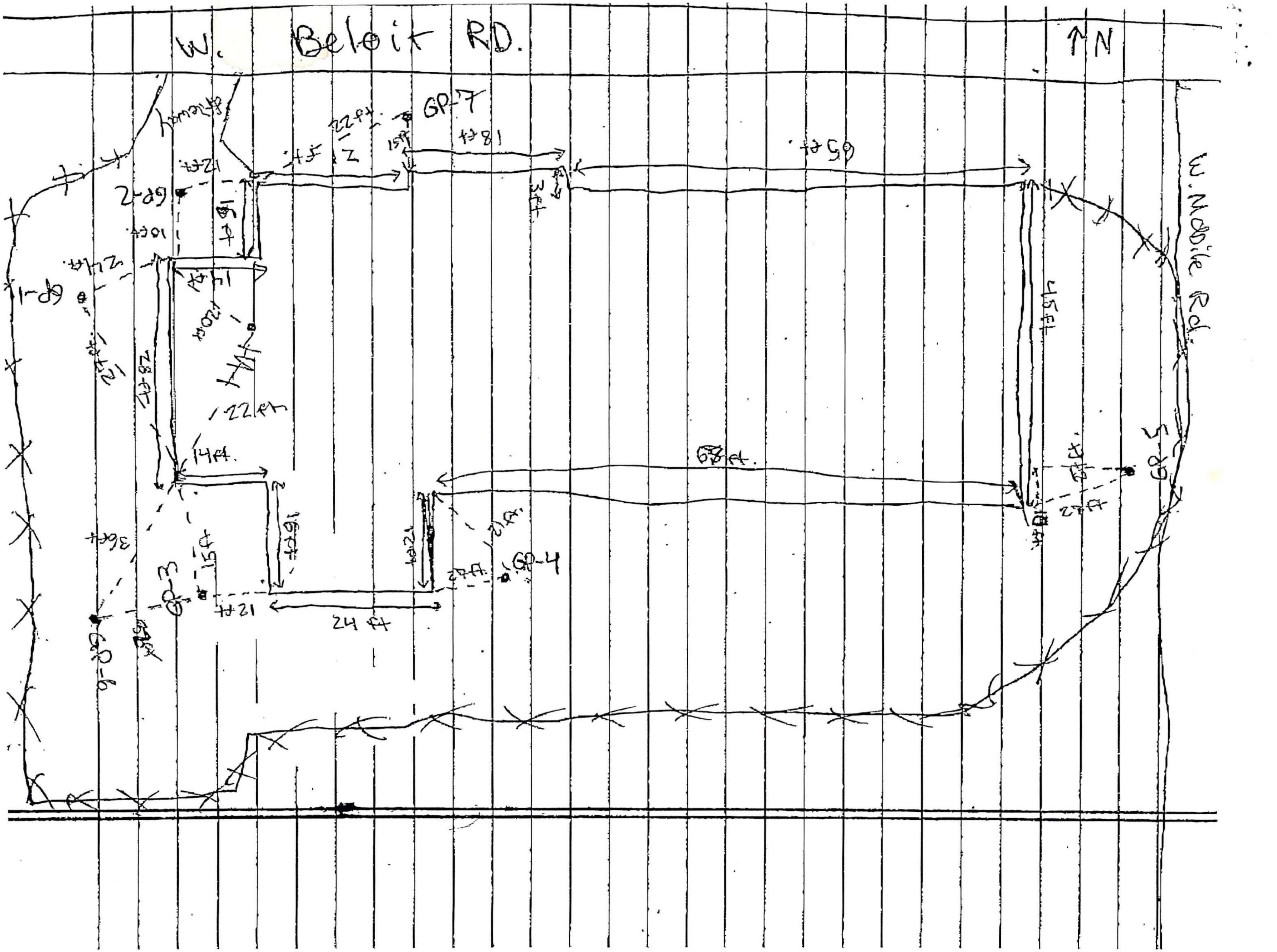
TABLE 2
GROUNDWATER ANALYTICAL QUALITY RESULTS
VOLATILE ORGANIC COMPOUNDS
Agnos Ace Cleaners
6129 Beloit Road
West Allis, Wisconsin
Project Reference #12920

Monitoring Well Identification:				GP-1	GP-2	GP-3	GP-7
Parameter	Unit	NR 140		Collection Date			
		ES	PAL	10/03/11	10/03/11	10/03/11	10/03/11
Benzene	µg/L	5.0	0.5	<0.5	**(1,2) 293**	<0.5	<0.5
Bromobenzene	µg/L	NS	NS	<0.74	<37	<0.74	<0.74
Bromodichloromethane	µg/L	0.6	0.06	<0.68	<34	<0.68	<0.68
Bromoform	µg/L	4.4	0.44	<0.43	<21.5	<0.43	<0.43
tert-Butylbenzene	µg/L	NS	NS	<0.71	<35.5	<0.71	<0.71
sec-Butylbenzene	µg/L	NS	NS	<1.0	<50	<1.0	<1.0
n-Butylbenzene	µg/L	NS	NS	<0.9	<45	<0.9	<0.9
Carbon Tetrachloride	µg/L	5.0	0.5	<0.47	<23.5	<0.47	<0.47
Chlorobenzene	µg/L	100	10	<0.51	<25.5	<0.51	<0.51
Chloroethane	µg/L	400	80	<1.4	<70	<1.4	<1.4
Chloroform	µg/L	6.0	0.6	<0.49	<24.5	<0.49	<0.49
Chloromethane	µg/L	30	3.0	<1.9	<95	<1.9	<1.9
2-Chlorotoluene	µg/L	NS	NS	<0.7	<35	<0.7	<0.7
4-Chlorotoluene	µg/L	NS	NS	<0.44	<22	<0.44	<0.44
1,2-Dibromo-3-Chloropropane	µg/L	0.2	0.02	<2.8	<140	<2.8	<2.8
Dibromochloromethane	µg/L	60	6.0	<0.55	<27.5	<0.55	<0.55
1,4-Dichlorobenzene	µg/L	75	15	<0.98	<49	<0.98	<0.98
1,3-Dichlorobenzene	µg/L	600	120	<0.87	<43.5	<0.87	<0.87
1,2-Dichlorobenzene	µg/L	600	60	<0.76	<38	<0.76	<0.76
Dichlorodifluoromethane	µg/L	1,000	200	<1.8	<90	<1.8	<1.8
1,2-Dichloroethane	µg/L	5.0	0.5	<0.5	<25	<0.5	<0.5
1,1-Dichloroethane	µg/L	850	85	<0.98	<49	<0.98	<0.98
1,1-Dichloroethene	µg/L	7.0	0.7	<0.6	<30	<0.6	<0.6
cis-1,2-Dichloroethene	µg/L	70	7.0	<0.74	<37	<0.74	<0.74
trans-1,2-Dichloroethene	µg/L	100	20	<0.79	<39.5	<0.79	<0.79
1,2-Dichloropropane	µg/L	5.0	0.5	<0.4	<20	<0.4	<0.4
2,2-Dichloropropane	µg/L	NS	NS	<1.9	<95	<1.9	<1.9
1,3-Dichloropropane	µg/L	NS	NS	<0.71	<35.5	<0.71	<0.71
Di-isopropyl ether	µg/L	NS	NS	<0.69	<34.5	<0.69	<0.69
EDB (1,2-Dibromoethane)	µg/L	0.05	0.005	<0.63	<31.5	<0.63	<0.63
Ethylbenzene	µg/L	700	140	<0.78	**36 J**	<0.78	<0.78
Hexachlorobutadiene	µg/L	NS	NS	<2.2	<110	<2.2	<2.2
Isopropylbenzene	µg/L	NS	NS	<0.92	<46	<0.92	<0.92
p-Isopropyltoluene	µg/L	NS	NS	<0.92	<46	<0.92	<0.92
Methylene Chloride	µg/L	5.0	0.5	<1.1	**(1,2) 55 J**	<1.1	<1.1
Methyl Tert Butyl Ether (MTBE)	µg/L	60	12	<0.8	<40	<0.8	<0.8
Naphthalene	µg/L	100	10	<2.1	<105	<2.1	<2.1
n-Propylbenzene	µg/L	NS	NS	<0.59	<29.5	<0.59	<0.59
1,1,2,2-Tetrachloroethane	µg/L	0.2	0.02	<0.53	<26.5	<0.53	<0.53
1,1,1,2-Tetrachloroethane	µg/L	70	7.0	<1.0	<50	<1.0	<1.0
Tetrachloroethene	µg/L	5.0	0.5	<0.44	<22	<0.44	<0.44
Toluene	µg/L	800	160	<0.53	**124**	<0.53	<0.53
1,2,4-Trichlorobenzene	µg/L	70	14	<1.5	<75	<1.5	<1.5
1,2,3-Trichlorobenzene	µg/L	NS	NS	<1.3	<65	<1.3	<1.3
1,1,1-Trichloroethane	µg/L	200	40	<0.85	<42.5	<0.85	<0.85
1,1,2-Trichloroethane	µg/L	5.0	0.5	<0.47	<23.5	<0.47	<0.47
Trichloroethene (TCE)	µg/L	5.0	0.5	<0.47	<23.5	<0.47	<0.47
Trichlorofluoromethane	µg/L	3,490	698	<1.7	<85	<1.7	<1.7
1,2,4-Trimethylbenzene	µg/L	**	**	<0.8	<40	<0.8	<0.8
1,3,5-Trimethylbenzene	µg/L	**	**	<0.74	<37	<0.74	<0.74
Total Trimethylbenzenes	µg/L	480	96	<0.8	<40	<0.8	<0.8
Vinyl Chloride	µg/L	0.2	0.02	<0.18	<9.0	<0.18	<0.18
Xylenes (total)	µg/L	2,000	400	<1.1	**143 J**	<1.1	<1.1

Notes:

J = analyte detected between Limit of Detection and Limit of Quantitation
µg/L = micrograms per liter (equivalent to parts per billion)
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 = detected compound
(1) = concentration exceeds Chapter NR 140 PAL
(2) = concentration exceeds Chapter NR 140 ES


W. Beloit RD.
N
W. Mobile Rd.
GP-1
GP-2
GP-3
GP-4
GP-5
GP-6
GP-7
12 ft
10 ft
15 ft
24 ft
14 ft
12 ft
28 ft
22 ft
14 ft
16 ft
24 ft
36 ft
15 ft
12 ft
27 ft
21 ft
18 ft
65 ft
68 ft
45 ft
22 ft