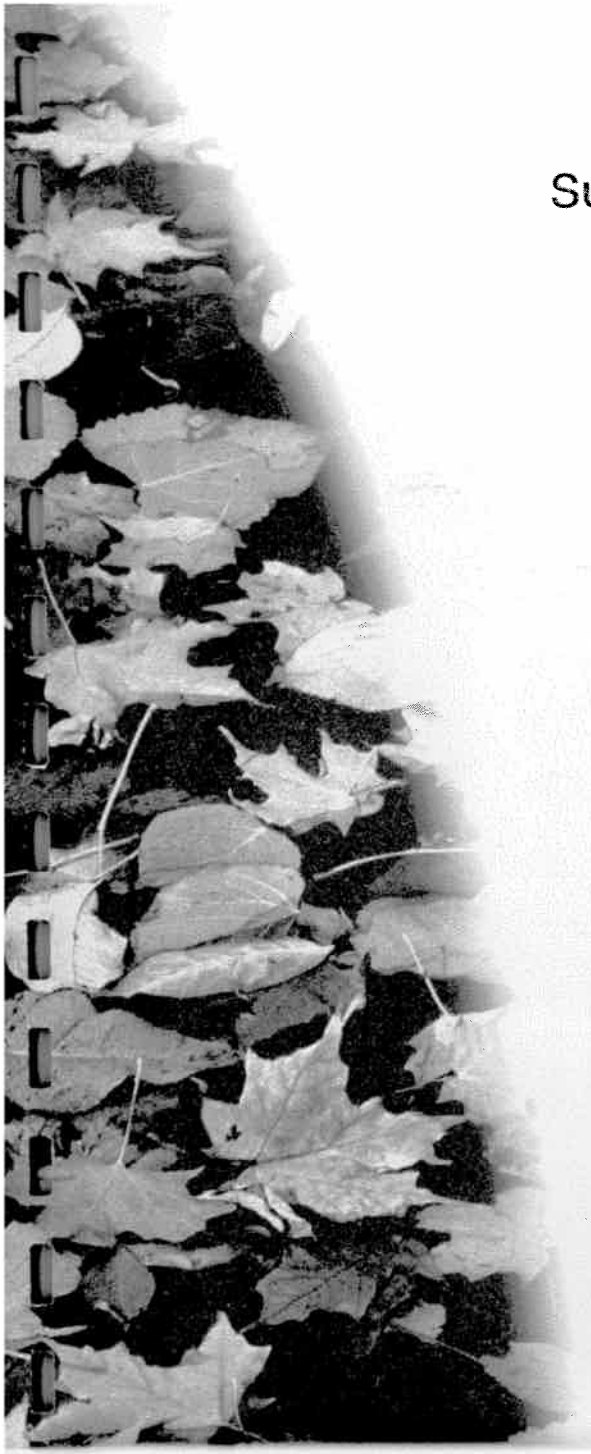
589-32



Supplemental Site Investigation Results and Request for Case Closure

Former 2636 West State Street
and 2622-26 West State Street
Milwaukee, Wisconsin

FID No. 241055980
BRRTS Nos. 03-41-233634 and 02-41-274835
Commerce No. 53233-1040-36

Prepared for:

Redevelopment Authority of the City of Milwaukee
Milwaukee, Wisconsin

March 29, 2006
Project No. 1E-9907009

GILES
ENGINEERING ASSOCIATES, INC.
GEOTECHNICAL, ENVIRONMENTAL & CONSTRUCTION MATERIALS CONSULTANTS

• Atlanta, GA
• Dallas, TX
• Los Angeles, CA
• Milwaukee, WI
• Orlando, FL
• Washington, D.C.

March 29, 2006

Wisconsin Department of Natural Resources
2300 North Dr. Martin Luther King Jr. Drive
Milwaukee, WI 53212

Attention: Ms. Brenda H. Boyce, P.G.
Hydrogeologist

Subject: Supplemental Site Investigation Results and
Request for Case Closure
Former 2636 West State Street and 2622-26 West State Street
Milwaukee, Wisconsin
BRRTS Nos. 03-41-233634 and 02-41-274835
Giles Project No. 1E-9907009

Dear Ms. Boyce:

On behalf of our client, the Redevelopment Authority of the City of Milwaukee (RACM), Giles Engineering Associates (Giles) performed supplemental investigation and monitoring activities at the above-referenced property, herein referred to as the Site. The supplemental investigation and monitoring activities were performed at the request of the Wisconsin Department of Natural Resources (WDNR). In a letter dated September 22, 2005, the WDNR responded to Giles' *Site Investigation and Request for Case Closure Report* (dated September 13, 2005) that the Site investigation was not complete.

2636 West State Street was formerly occupied by a gasoline filling station (with possible auto repair services) from approximately 1935 to 1970. The majority of former 2636 West State Street is currently part of the North 27th Street right-of-way (ROW). As part of the original Site investigation activities, forty-three Geoprobe® soil borings were advanced and six NR 141-compliant groundwater monitoring wells were installed on and off Site to the south and east of the inferred source areas. In addition, forty tons of soil containing characteristically-hazardous concentrations of lead were excavated and removed from the west-central area of the Site. Please refer to Giles' *Site Investigation and Request for Case Closure Report* for a complete summary of the Site background and previous environmental work completed. The general location of the Site is shown on Figure 1.

Giles, on behalf of the RACM, requested that the WDNR grant case closure for the Site, subject to the conditions that the Site would placed on the soil and groundwater GIS Registry of Closed Remediation Sites, that barrier maintenance agreements would be filed to prevent direct-contact

exposure with residual PAH and lead impacted near-surface soil, and that the monitoring wells be abandoned in accordance with Chapter NR 141 following case closure. In response, the WDNR requested that the following supplemental activities be performed:

1) Install two additional monitoring wells to the south of MW5 and MW6 to better define the extent and degree of groundwater contamination at the Site boundary and to investigate the potential for free petroleum product, as indicated by soil samples collected from borings P1 and P9.
2) Conduct at least two additional rounds of quarterly groundwater monitoring from the entire well network, including the new wells, to better evaluate plume trends.

3) Due to the detection of Aroclor 1260 in a groundwater sample collected from MW3, continue to analyze for polychlorinated biphenyls (PCBs) at MW3 in subsequent monitoring events.

The supplemental investigation and monitoring activities are described in the sections below.

Supplemental Site Investigation Procedures

Please refer to Giles' *Site Investigation and Request for Case Closure Report* for a more detailed description of Giles' site investigation methods. Two soil borings, MW7 and MW8, were completed to 20 feet below ground surface (bgs) with a conventional drill rig using hollow-stem augers on October 25, 2005. The borings were installed as close to the southern Site boundary as possible given utility markings. Soil samples were obtained continuously, at 2-foot intervals, to the 20-foot termination depth. Soil classifications were documented on the *Records of Subsurface Exploration* forms included in Appendix A. The locations of MW7 and MW8 are shown on Figure 2.

Borings MW7 and MW8 were converted into Wisconsin Administrative Code (WAC) Natural Resources Chapter 141 (NR 141)-compliant monitoring wells. The monitoring wells were constructed using 15 feet of 2-inch inside diameter (ID), factory-cut, 0.010-inch slotted, schedule 40 polyvinyl chloride (PVC) screen and 5 feet of 2-inch ID PVC riser. MW7 and MW8 were completed at the surface with concrete pads and steel, bolt-down, flush-mount protective cover assemblies. Copies of the Monitoring Well Construction Forms (WDNR Form 4400-113A) are included in Appendix B.

Soil samples collected from each 2-foot interval were field screened for volatile vapors with a photoionization detector (PID). One unsaturated interval from each boring was also sampled for volatile organic compound (VOC) laboratory analysis (EPA Method 8260). Soil samples were submitted to Anlytical Process Labs (APL), Inc.

Giles developed MW7 and MW8 with plastic, disposable bailers on October 31, 2005. Copies of the Monitoring Well Development Forms (WDNR Form 4400-113B) are included in Appendix C. Monitoring wells MW1 through MW8 were sampled during two quarterly events on November 10, 2005 and February 14, 2006. MW3 was sampled using low-flow sampling techniques. The remaining wells were purged and sampled with plastic, disposable bailers. Groundwater levels and water quality parameters were measured and recorded prior to monitoring well purging and sampling. Groundwater was sampled for VOC (8260) and/or PVOC (WI Modified PVOC Method) laboratory analyses. Groundwater from MW3 was also sampled for PCB (8082) laboratory analysis.

The soil cuttings generated during the installation of borings MW7 and MW8 were drummed and staged on Site. On November 7, 2005, the three drums were transported by Waste Management to the Waste Management Orchard Ridge facility in Menomonee Falls, Wisconsin for bioremediation treatment. The investigative waste was profiled and approved under the Waste Management Profile No. BIO487395. Purge water generated during the development of MW7 and MW8 and the November 10, 2005 and February 14, 2006 sampling events was transported to National Tank Service in West Allis, Wisconsin. The Waste Management and National Tank Service disposal documentation is included in Appendix D.

Supplemental Site Investigation Results

The subsurface soil conditions observed during the completion of MW7 and MW8 were generally consistent with those previously reported for the Site. Approximately 4 inches of grass and top soil were observed at the surface of the boring locations. The topsoil was underlain by fill material consisting of brown clayey silt with some fine to coarse gravel to approximately 4 feet bgs. Brown-gray clayey silt with variable amounts of fine to coarse sand and gravel was observed beneath the fill material. A 2-foot seam of fine to coarse sand and gravel was observed during the completion of MW8. Gray silty clay to clayey silt with variable amounts of fine to medium sand was observed to the termination depth of 20 feet bgs. Petroleum odors were noted during the sampling of the 12 to 14-foot interval of MW7, and during the sampling of the 6 to 8-foot interval of MW8. A Cross-Section Location Plan (Figure 3), Cross-Section A-A' (Figure 4), and Cross-Section B-B' (Figure 5) are attached.

PID headspace, in-field screening results were recorded on the *Records of Subsurface Exploration* for each interval sampled. Review of the *Records of Subsurface Exploration* indicates PID detection during the completion of both MW7 and MW8 between 2 and 1942 instrument units. The highest PID response detected during the sampling of MW7 was of the 12 to 14-foot interval. The highest PID response detected during the sampling of MW8 was of the 8 to 10-foot interval. Soil from the the 8 to 10 foot interval of both borings was submitted for laboratory analysis. VOCs were not detected above laboratory method detection limits in the soil sample submitted from MW7. VOCs were not detected above NR 720 or 746 soil standards in the soil sample submitted from MW8. The soil analytical results are summarized in Table 1. Soil analyte distributions are shown on Figure 6.

Static groundwater level measurements and relative groundwater elevations are presented in Table 2. The ground surface and top of PVC riser casing at each monitoring well location were surveyed/re-surveyed on February 14, 2005. Groundwater was not fully recharged in monitoring well MW8 during the November 10, 2005 groundwater sampling event. In addition, both MW7 and MW8 are able to be purged dry. Incorporating MW7 and MW8, groundwater at the Site is documented to flow in a southerly direction. A groundwater table contour map, generated from the February 14, 2006 static groundwater level measurements, is included as Figure 7.

Free-phase petroleum product was not detected in the newly-installed monitoring wells (MW7 and MW8) or the previously-installed wells (MW1 through MW6) during the November 10, 2005 and February 14, 2006 groundwater monitoring events. Petroleum-related VOCs were detected above NR 140 ES and/or PAL in groundwater samples collected from monitoring wells MW5, MW6, MW7, and MW8. Additionally, benzene was detected just above the NR 140 ES in the groundwater sample collected from MW3 during the February 14, 2005 event. PCBs were not detected in groundwater samples collected from MW3 during the November 10, 2005 or February 14, 2006 events. PVOCs were not detected above laboratory method quantitation limits in groundwater samples collected from MW1, MW2, and MW4. Historic temporary well analytical results are summarized in Table 3. The updated groundwater analytical results are summarized in Table 4 and are shown on Figure 8. Copies of the soil and groundwater laboratory analytical reports and chain-of-custody forms from the supplemental investigation are included in Appendix E.

Table 5 contains updated natural attenuation field data. Dissolved oxygen values below one milligram per liter (mg/L) measured in monitoring wells MW7 and MW8 indicate that oxygen-consuming biological activity (natural attenuation) is occurring in those wells. Aerobic conditions in the side-gradient monitoring wells indicate an environment at the site that is supportive of continued natural attenuation.

Conclusions and Recommendations

The supplemental site investigation and monitoring requirements indicated in the September 22, 2005 WDNR letter have been satisfied:

1) Groundwater near the southern Site boundary is impacted above NR 140 standards; however free petroleum product is not present.

2) A total of eight groundwater monitoring events have been performed at the Site and off Site to the east and south of the source area. It is not clear whether plume trends can be better evaluated following the two most recent monitoring events. Groundwater at the Site is likely influenced by many factors, including fill material, former tank basins, and nearby utility corridors.

   Field data and observations recorded during soil and groundwater sampling of MW7 and MW8 suggest that both wells are impacted. However, there is a significant difference in magnitude of groundwater impact in both wells between the November 2005 and February

2006 monitoring events. It is Giles opinion that the difference in the groundwater quality in MW8 might be related to its slow recharge rate. It is possible that the groundwater impact in MW8 became diluted as the well equilibrated.

Mann-Kendall statistical analysis of data generated from the sampling of MW5 and MW6 during the most-recent four sampling events suggests variable plume trends, with the majority being either stable or decreasing. In addition, Giles contends that the dissolved plume is adequately defined and will continue to be remediated via natural attenuation. Copies of the Mann-Kendall statistical spreadsheets are included in Appendix E.

3) PCB analysis of groundwater samples collected from MW3 during the two most recent monitoring events indicates no PCB detection; PCBs are not a groundwater issue at the Site and should not require additional evaluation.

Based on the results of the supplemental Site investigation, Giles, on behalf of the RACM, requests case closure for both BRRTS activities at the Site under the same conditions as were noted in the September 2005 closure request. Please note that a draft deed document and cap maintenance plan were included in the September 2005 closure request package. An updated GIS Registry packet, in addition to an additional set of GIS Registry fees to apply toward the ERP activity, are included with this supplemental report.

Please feel free to contact us at (262) 544-0118 with any questions or concerns.

Respectfully submitted,

GILES ENGINEERING ASSOCIATES, INC.

Erika L. Biemann, CHMM
Environmental Scientist

Kevin T. Bugel, P.G., C.P.G.
Project Manager

Figures
Figure 1. Site Location
Figure 2. Site Features, Soil Boring, and Monitoring Well Location Plan
Figure 3. Cross-Section Location Plan
Figure 4. Cross-Section A-A'
Figure 5. Cross-Section B-B'
Figure 6. Soil Analytical Results
Figure 7. Groundwater Contour Map (2/14/06)
Figure 8. Groundwater Analytical Results

Tables

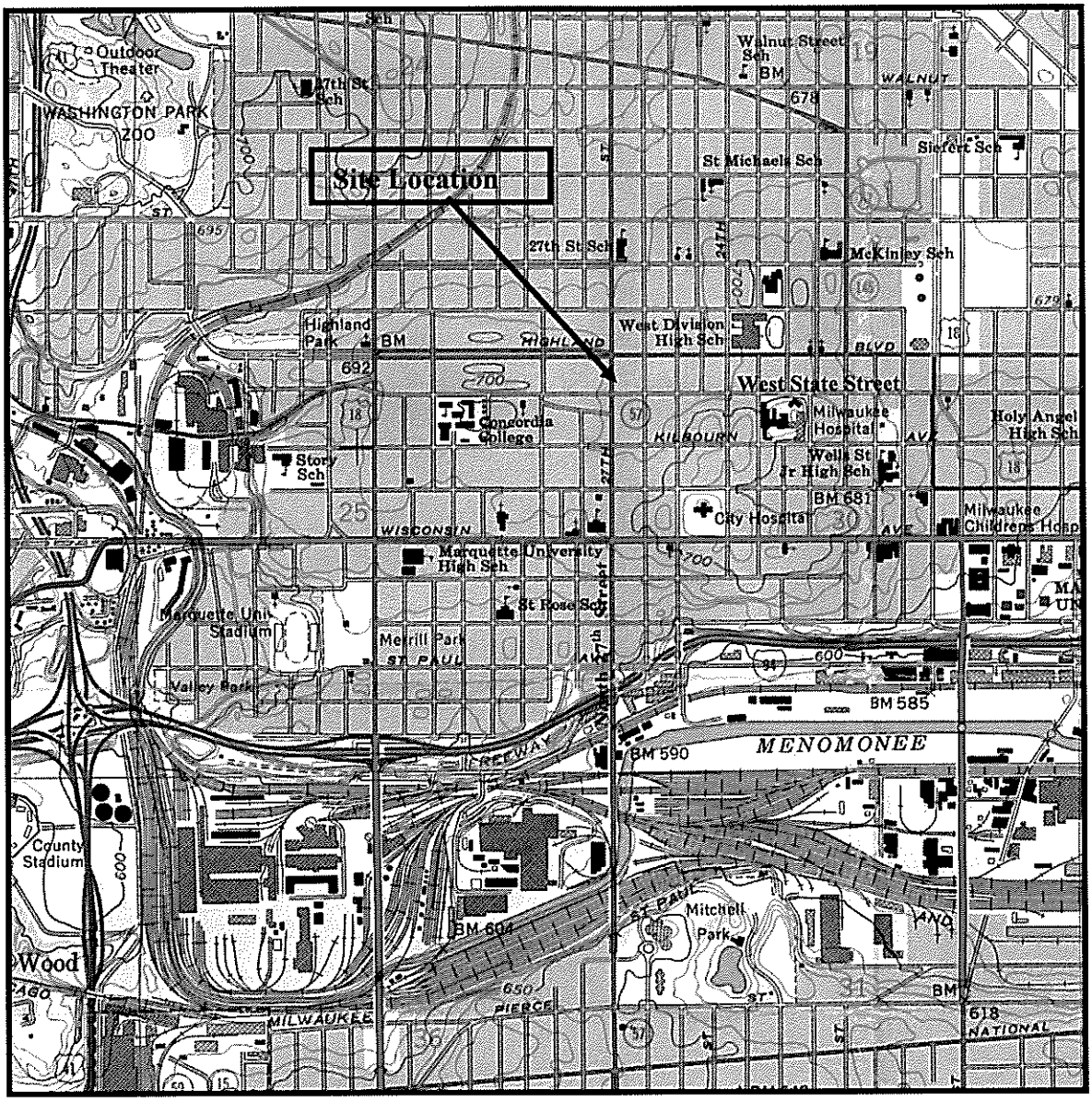
Table 1. Soil Analytical Results
Table 2. Groundwater Elevations Summary
Table 3. Temporary Well Analytical Results
Table 4. Groundwater Analytical Results
Table 5. Natural Attenuation Parameters Summary

Appendices

Appendix A. General Notes, *Records of Subsurface Exploration*
Appendix B. Monitoring Well Construction Forms (4400-113A)
Appendix C. Monitoring Well Development Forms (4400-113B)
Appendix D. Soil and Purge Water Disposal Records
Appendix E. Soil and Groundwater Analytical Laboratory Reports and Chain-of-Custody Forms
Appendix F. Mann-Kendall Statistical Test Form 4400-215 (2)

Enclosures: Soil and Groundwater GIS Registry Packet (updated)
$450.00 GIS Registry Fee

Distribution: The Wisconsin Department of Natural Resources
Attn: Ms. Brenda Boyce (1)
Redevelopment of the City of Milwaukee
Attn: Mr. Dave Misky (2)



Source: USGS Milwaukee, Wisconsin (1958, photorevised in 1971) 7.5 Minute Series (topographic) Quadrangle Map

Scale: 1:24,000
Contour Interval: 10 Feet

N
W E
S

FIGURE 1
SITE LOCATION

Former 2636 West State Street
and 2622-26 West State Street
Milwaukee, Wisconsin
Project No. 1E-9907009

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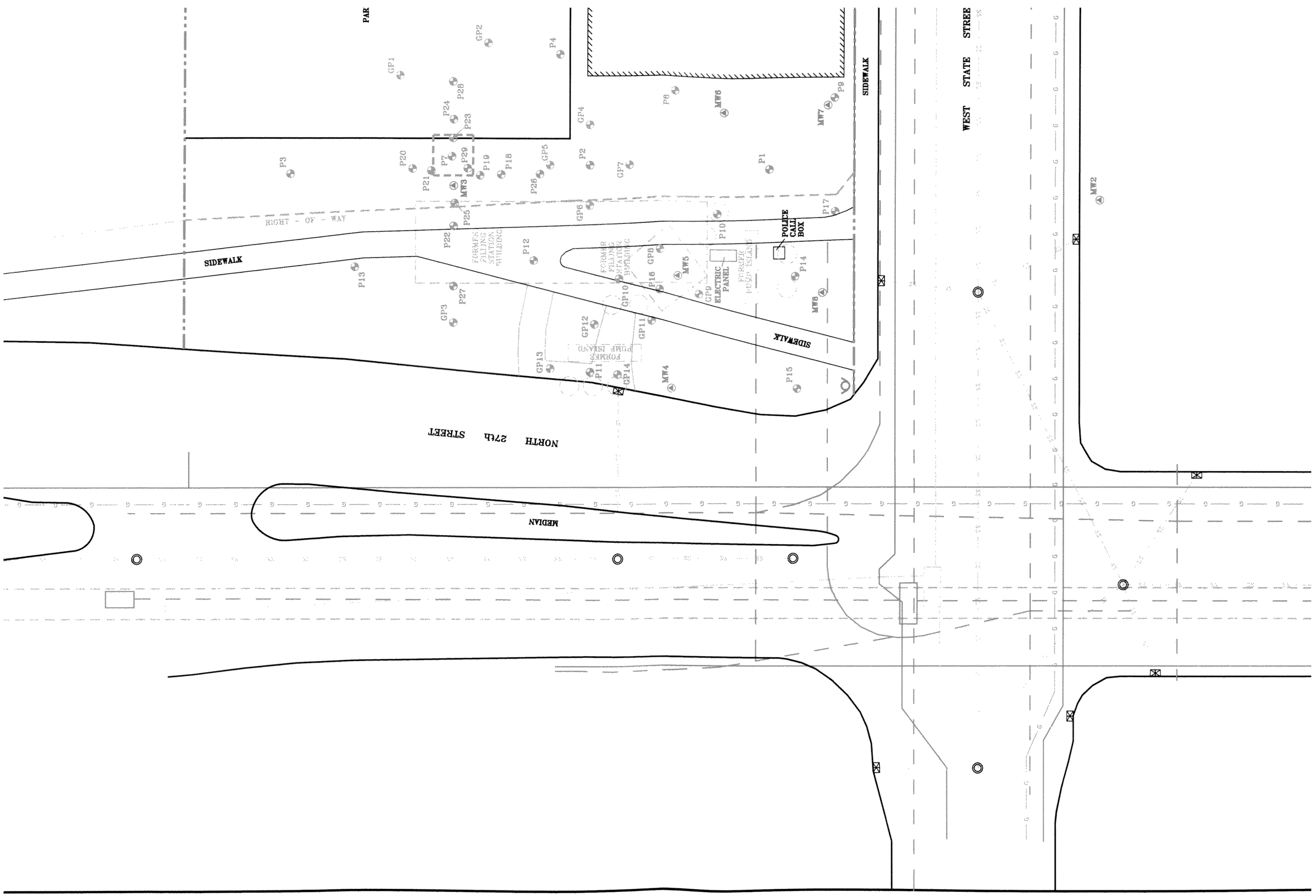
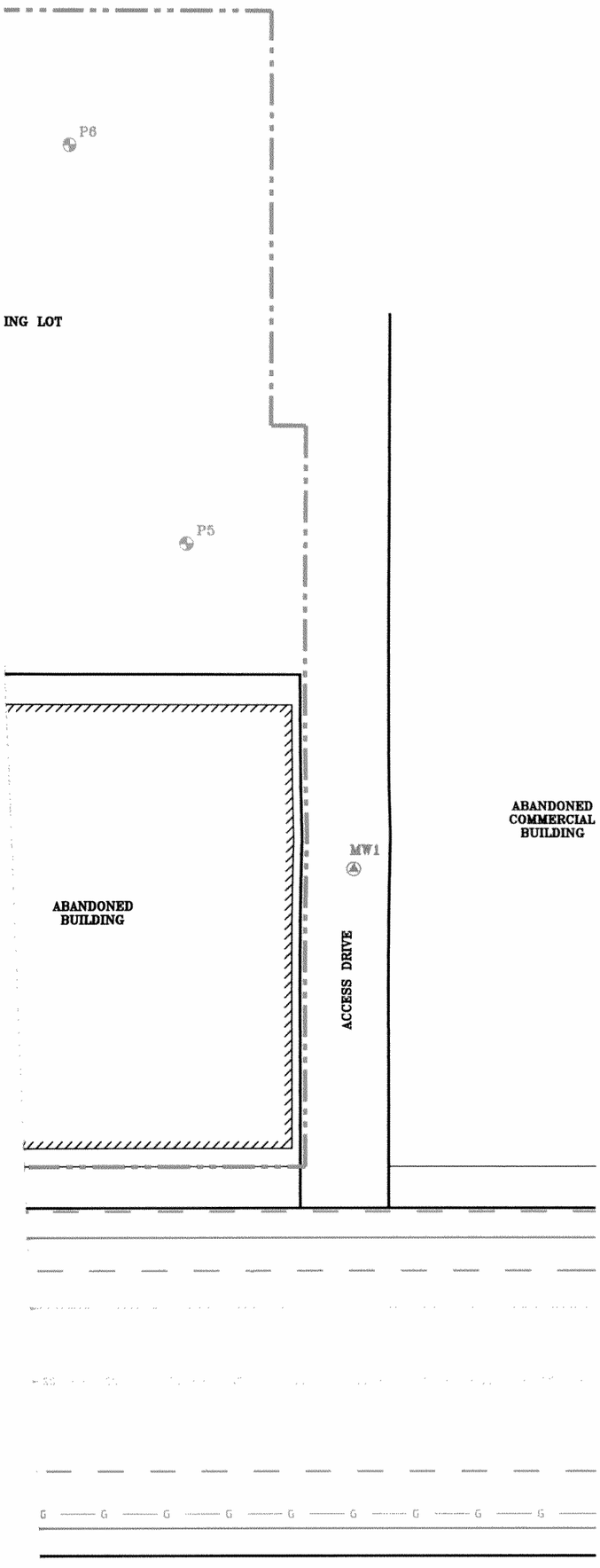
ENGINEERING ASSOCIATES, INC.


PAR
SIDEWALK
WEST STATE STREE
SIDEWALK
RIGHT - OF - WAY
SIDEWALK
POLICE CALL BOX
FORMER FILLING STATION BUILDING
FORMER PUMP ISLAND
ELECTRIC PANEL
FORMER FILLING STATION BUILDING
FORMER PUMP ISLAND
NORTH 27th STREET
MEDIAN
GP1
GP2
GP3
GP4
GP5
GP6
GP7
GP8
GP9
GP10
GP11
GP12
GP13
GP14
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
P21
P22
P23
P24
P25
P26
P27
P28
P29
MW1
MW2
MW3
MW4
MW5
MW6
MW7
MW8



LEGEND:

- SUBJECT PROPERTY LINE
- CURB LINE
- UNDERGROUND ELECTRIC LINE
- WATER LINE
- FIRE HYDRANT
- SANITARY SEWER LINE
- STORM SEWER LINE
- CATCH BASIN
- MANHOLE
- TELECOMMUNICATIONS LINE
- GAS LINE
- MW1 GROUNDWATER MONITORING WELL
- P1 GEOPROBE SOIL BORING
- GP1 GEOPROBE SOIL BORING (JANUARY 2005)
- EXCAVATION AREA
- FORMER UNDERGROUND STORAGE TANK

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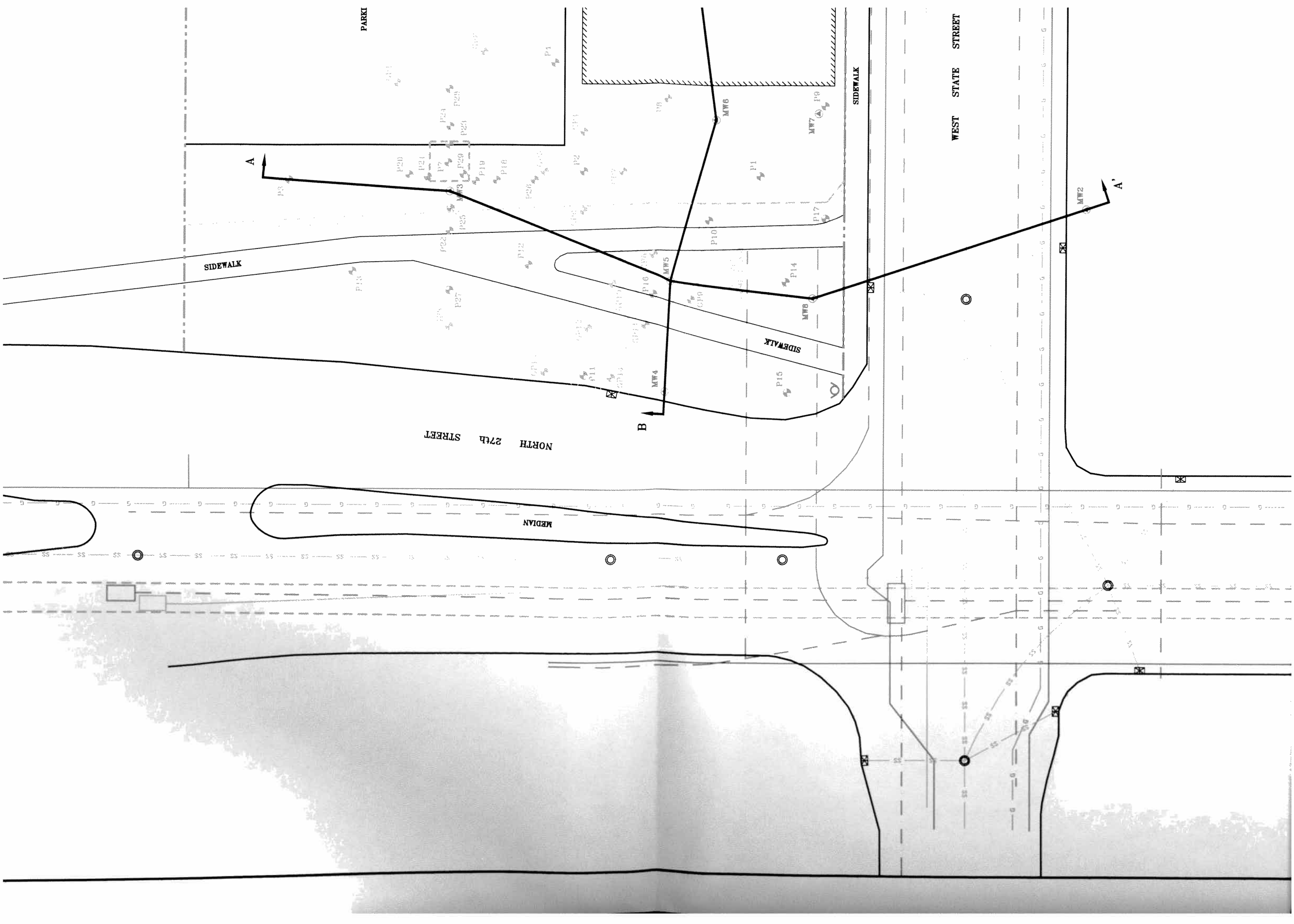
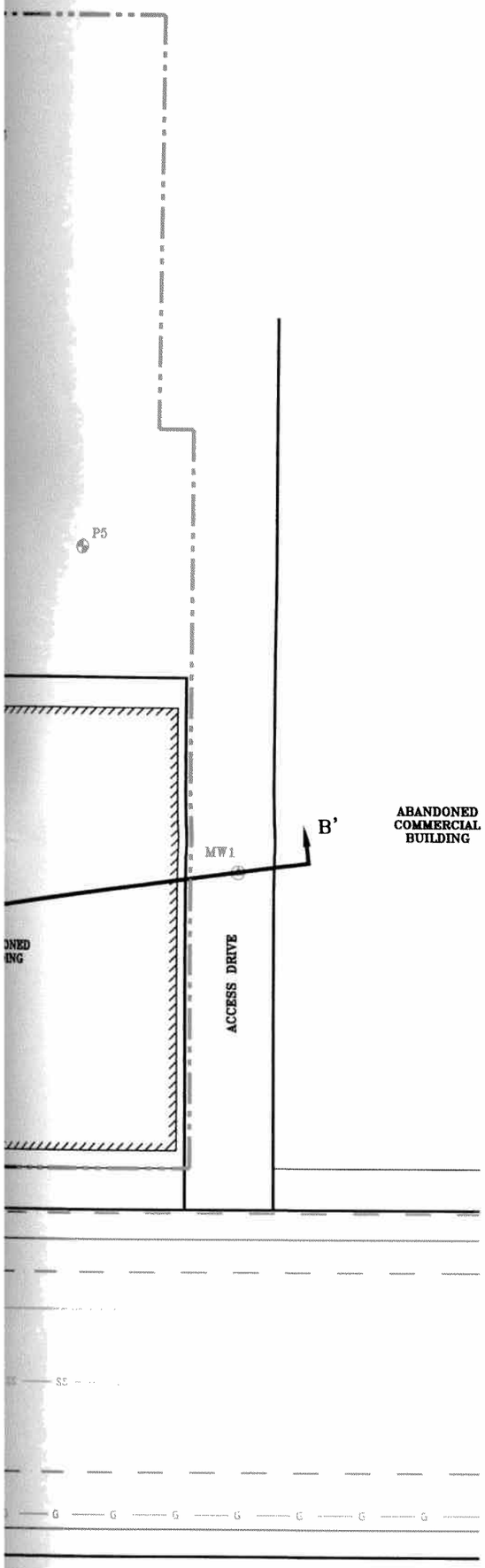
N8 W22350 JOHNSON DRIVE, SUITE A1
WAUKESHA, WI 53186 (262)-544-0118

FIGURE 2
SITE FEATURES, SOIL BORING AND MONITORING WELL LOCATION PLAN
FORMER 2636 WEST STATE STREET
AND 2622-26 WEST STATE STREET
MILWAUKEE, WISCONSIN

DESIGNED	DRAWN	SCALE	DATE	REVI

N
W E


PARKI
SIDEWALK
SIDEWALK
SIDEWALK
WEST STATE STREET
NORTH 27th STREET
MEDIAN
A
A'
B
MW1
MW2
MW3
MW4
MW5
MW6
MW7
MW8
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
P21
P22
P23
P24
P25
P26
P27
P28
P29



LEGEND:

- A–A' — LINE OF CROSS-SECTION
- SUBJECT PROPERTY LINE
- CURB LINE
- UNDERGROUND ELECTRIC LINE
- WATER LINE
- FIRE HYDRANT
- SANITARY SEWER LINE
- STORM SEWER LINE
- CATCH BASIN
- MANHOLE
- TELECOMMUNICATIONS LINE
- GAS LINE
- MW1 — GROUNDWATER MONITORING WELL
- P1 — GEOPROBE SOIL BORING
- GP1 — GEOPROBE SOIL BORING (JANUARY 2005)
- EXCAVATION AREA
- FORMER UNDERGROUND STORAGE TANK

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WAUKESHA, WI 53186 (262)-544-0118

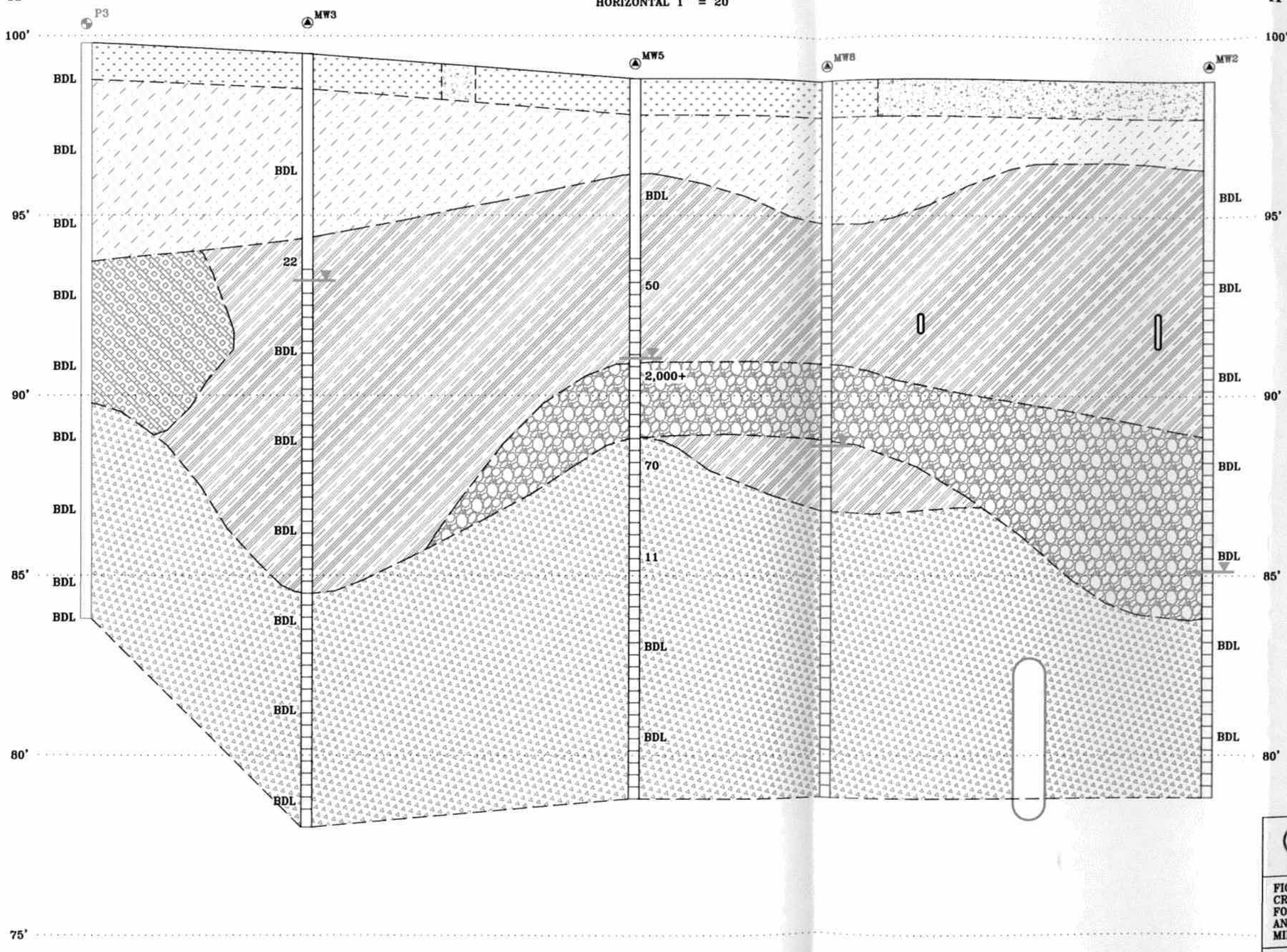
FIGURE 3
CROSS-SECTION LOCATION PLAN
FORMER 2636 WEST STATE STREET
AND 2622-26 WEST STATE STREET
MILWAUKEE, WISCONSIN

DESIGNED	DRAWN	SCALE	DATE	REVISED
ELB	JSZ	1"=20'	03-23-06	--

PROJECT NO.: 1E-9907009 CAD No. 1E9907009N

CROSS SECTION A–A'

SCALE: VERTICAL 1" = 3'
HORIZONTAL 1" = 20'



SOIL KEY:

- GRASS AND ROOT MAT
- CONCRETE PAVEMENT AND BASE COURSE
- FILL: DARK BROWN SILTY CLAY TO SILT AND BROWN SILTY FINE SAND AND GRAVEL
- GRAY–BROWN SILTY CLAY WITH VARIABLE AMOUNTS OF FINE TO COARSE SAND AND GRAVEL
- GRAY SILT TO SILTY FINE TO COARSE SAND AND GRAVEL
- GRAY SILTY CLAY TO CLAYEY SILT WITH VARIABLE AMOUNTS OF FINE TO COARSE SAND AND GRAVEL
- BROWN CLAYEY SILT WITH TRACE FINE SAND
- SOIL CONTACT LINES DASHED WHERE INFERRED

LEGEND:

- MW2 — GROUNDWATER MONITORING WELL
- P1 — GEOPROBE SOIL BORING
- STATIC WATER LEVEL (2/14/06)
- WELL SCREEN
- 120 — PHOTOIONIZATION DETECTOR (PID) READING
- BDL — BELOW PID DETECTION LIMIT
- APPROXIMATE LOCATION OF COMBINED SEWER
- APPROXIMATE LOCATION OF WATER MAIN

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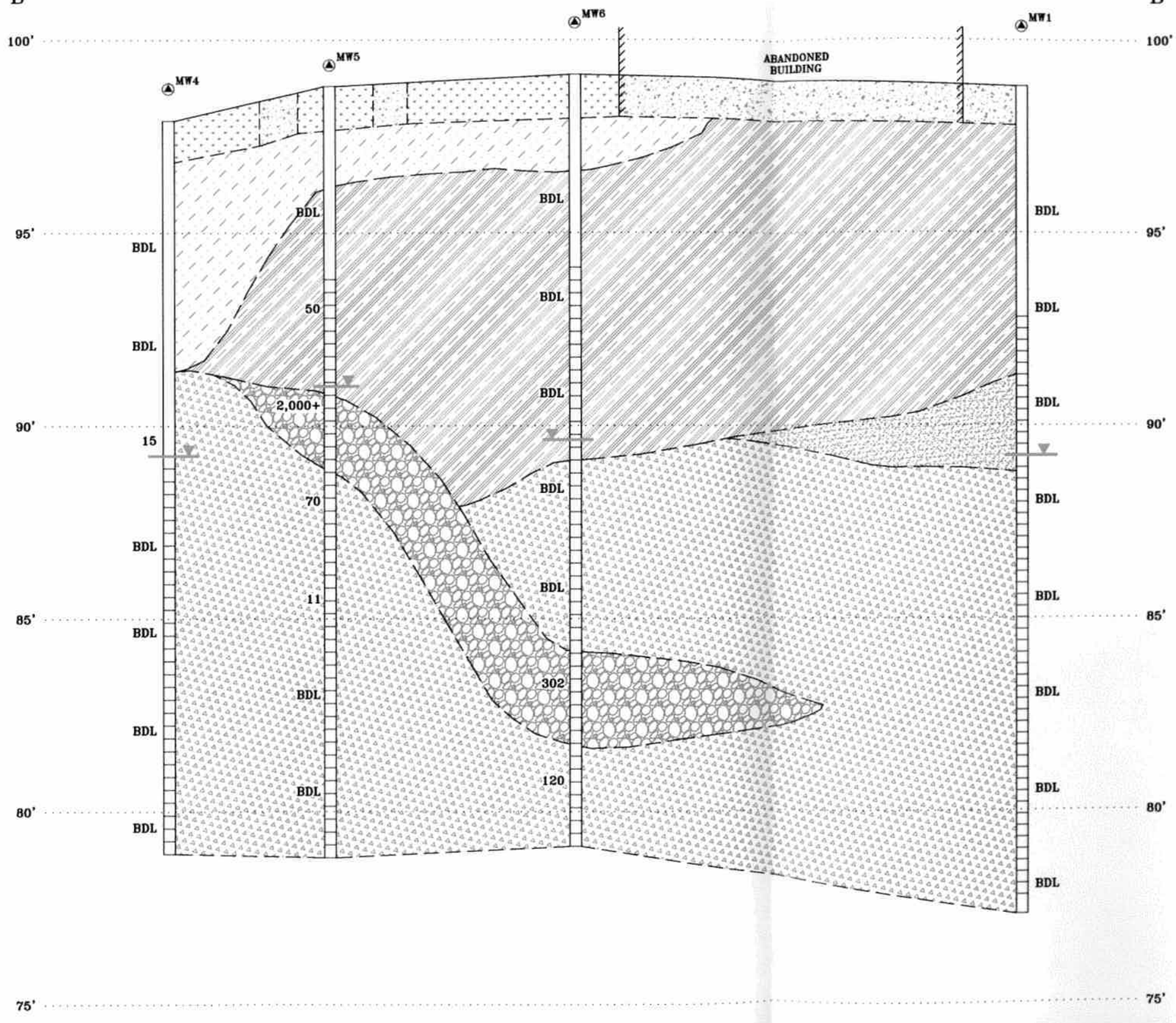
WAUKESHA, WI 53186 (262)–544–0118

FIGURE 4
CROSS–SECTION A–A'
FORMER 2636 WEST STATE STREET
AND 2622–26 WEST STATE STREET
MILWAUKEE, WISCONSIN

DESIGNED	DRAWN	SCALE	DATE	REVISED
ELB	JSZ	SEE TITLE	03–23–06	--
PROJECT NO.: 1E–9907009			CAD No. 1E99070090	

CROSS SECTION B–B'

SCALE: VERTICAL 1" = 3'
HORIZONTAL 1" = 20'



ELEVATION (IN FEET REFERENCED TO AN ARBITRARY BENCHMARK)

SOIL KEY:

- GRASS AND ROOT MAT
- CONCRETE PAVEMENT AND BASE COURSE
- FILL: DARK BROWN SILTY CLAY TO SILT AND BROWN SILTY FINE SAND AND GRAVEL
- GRAY–BROWN SILTY CLAY WITH VARIABLE AMOUNTS OF FINE TO COARSE SAND AND GRAVEL
- GRAY SILT TO SILTY FINE TO COARSE SAND AND GRAVEL
- GRAY SILTY CLAY TO CLAYEY SILT WITH VARIABLE AMOUNTS OF FINE TO COARSE SAND AND GRAVEL
- BROWN SILTY FINE TO COARSE SAND AND GRAVEL
- SOIL CONTACT LINES DASHED WHERE INFERRED

LEGEND:

MW1	GROUNDWATER MONITORING WELL
B1	GEOPROBE SOIL BORING
	STATIC WATER LEVEL (2/14/06)
	WELL SCREEN
120	PHOTOIONIZATION DETECTOR (PID) READING
BDL	BELOW PID DETECTION LIMIT

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WAUKESHA, WI 53186 (262)-544-0118

FIGURE 5
CROSS-SECTION B–B'
FORMER 2636 WEST STATE STREET
AND 2622–26 WEST STATE STREET
MILWAUKEE, WISCONSIN

DESIGNED	DRAWN	SCALE	DATE	REVISED
ELB	JSZ	SEE TITLE	03–23–06	--

PROJECT NO.: 1E–9907009 CAD No. 1E9907009P

2-4' DEPTH
PID = BDL
Pb = 18

4-6' DEPTH
PID = 30
Pb = 8.1j

2-4' DEPTH
PID = BDL
Pb = 17
DETECTED_PAHs
C = 12j

12-14' DEPTH
PID = BDL
GRO = 2.8
DRO = 10
DETECTED_VOCs
PCE = 28j

2-4' DEPTH
PID = BDL
Pb = 3.2

2-4' DEPTH
PID = BDL
Pb (TCLP) = 0.84
GRO = 6.6
DRO = 7,010
DETECTED_PVOCs
E = 43j
T = 180
1,2,4-TMB = 104
X = 220

2-4' DEPTH
PID = 23
Pb (TCLP) = 0.37

4-6' DEPTH
PID = 3
Pb = 180

2-4' DEPTH
PID = BDL
Pb = 6.6
PAHs < LOD

10-12' DEPTH
PID = BDL
GRO = 4.5
DRO < 1.1
VOCs < LOD

2-4' DEPTH
PID = BDL
Pb = 19
DETECTED_PAHs
B(a) = 1.5j

8-10' DEPTH
PID = BDL
GRO = 4.8
DRO = 4.5
VOCs < LOD

2-4' DEPTH
PID = BDL
Pb = 61
Cd < 0.86
DRO = 6.8
PCBs < LOD
PVOCs < LOD
PAHs < LOD

2-4' DEPTH
PID = BDL
Cd < 0.91
DRO = 40
PVOCs < LOD
DETECTED_PCBs
PCB 1248 = 61
DETECTED_PAHs
B(a) = 63j
C = 63j
F = 103
P = 109

2-4' DEPTH
PID = BDL
DETECTED_PAHs
AT = 95j
B(a) = 188j
B(k) = 109j
C = 176
F = 308
P = 280

2-4' DEPTH	6-8' DEPTH
PID = BDL	PID = BDL
Pb = 13	GRO = 3.3
DETECTED_PAHs	DRO = 9.9
B(a) = (104)	VOCs < LOD
B(a)P = (207)	
B(b) = (140)	
B(ghi) = 276	
B(k) = 64	
C = 140	
DBA = (28)	
F = 246j	
P = (240)	
PA = 36j	
P = 580	

2-4' DEPTH	6-8' DEPTH
PID = BDL	PID = 2,000
Pb = 43	GRO = 4,010
GRO = 27	DRO = 356
DRO = 13	DETECTED_VOCs
VOCs < LOD	E = #95,700#
DETECTED_PAHs	B = #10,100#
B(a) = 12j	IPBz = 10,400
B(b) = 19j	n-PBz = 43,500
B(ghi) = 60	Napht = #36,400#
B(k) = 7.2j	p-IPT = 2,950
C = 1,190	s-BuBz = 6,210
DBA = (18j)	T = #76,200#
	1,2,4-TMB = #270,000#
	1,3,5-TMB = #74,200#
	X = #471,900#

2-4' DEPTH	10-12' DEPTH
PID = BDL	PID = BDL
Pb = 18	GRO = 2.7
DETECTED_PAHs	DRO = 4.1
C = 9.1j	DETECTED_VOCs
	X = 37j

8-10' DEPTH
PID = 1,942
DETECTED_VOCs
E = 183
IPBz = 699
n-PBz = 3,010
Napht = 215
p-IPT = 1,050
n-BuBz = 2,040
s-BuBz = 1,720
1,2,4-TMB = 7,530
1,3,5-TMB = 258
X = 2,370

2-4' DEPTH	10-12' DEPTH
PID = BDL	PID = BDL
Pb = 37	GRO = 0.63j
DETECTED_PAHs	DRO = 10
B(a) = 6.1j	DETECTED_VOCs
B(b) = 17j	X = 36j
C = 1,260	
DBA = 7.4j	
F = 110	
PA = 19j	

2-4' DEPTH	6-8' DEPTH
PID = BDL	PID = 1,000
Pb = 8.9j	GRO = 1,330
GRO = 3.4	DRO = 14
DRO = 7.2	DETECTED_VOCs
VOCs < LOD	E = 2,090
DETECTED_PAHs	IPBz = 1,090
C = 11j	n-PBz = 1,700
	Napht = #3,490#
	p-IPT = 1,970
	s-BuBz = 632
	T = 299j
	1,2,4-TMB = 21,900
	1,3,5-TMB = 7,610
	X = 23,270

2-4' DEPTH
PID = BDL
PAHs < LOD

2-4' DEPTH
PID = BDL
PAHs < LOD

2-4' DEPTH
PID = BDL
PAHs < LOD

2-4' DEPTH
PID = BDL
PAHs < LOD

2-4' DEPTH
PID = BDL
DETECTED_PAHs
B(b) = 52j
F = 86j
PA = 55j

2-4' DEPTH
PID = BDL
DETECTED_PAHs
AT = 59j
B(a) = 119j
C = 211
F = 247
PA = 109
P = 196j

2-4' DEPTH
PID = BDL
DETECTED_PAHs
AT = 70j
B(a) = (140)
B(a)P = (187)
B(b) = (285)
C = 154
F = 247
PA = 114
P = 250

MEDIAN

NORTH 27th STREET

SIDEWALK

SIDEWALK

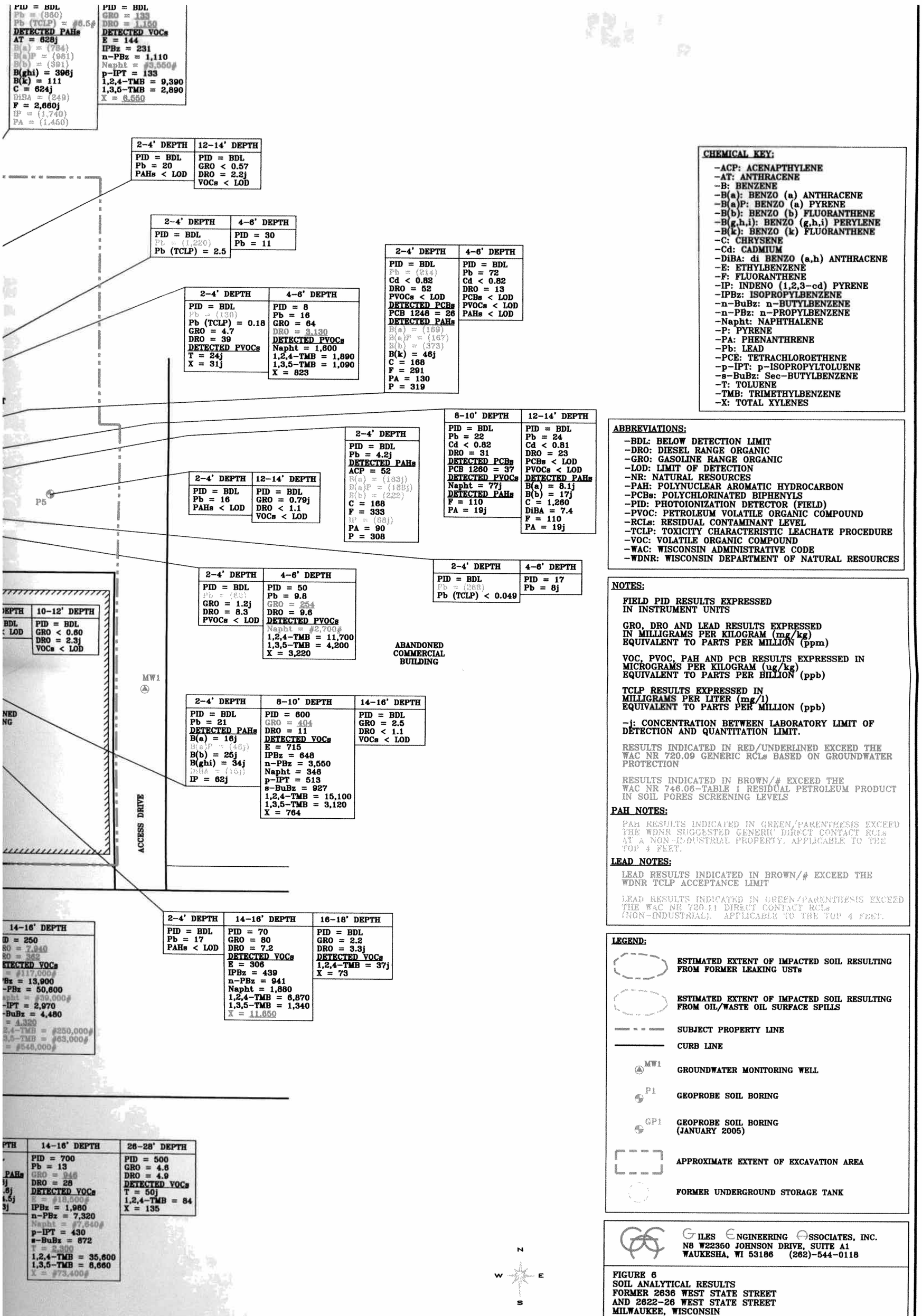
COMMERCIAL

WEST STATE

MW1 MW2 MW3 MW4 MW5 MW6 MW7 MW8

GP1 GP2 GP3 GP4 GP5 GP6 GP7 GP8 GP9 GP10 GP11 GP12 GP13 GP14 GP15

P1 P2 P3 P4 P5 P6 P7 P8 P9 P10 P11 P12 P13 P14 P15 P16 P17 P18 P19 P20 P21 P22 P23 P24 P25 P26 P27 P28 P29



CHEMICAL KEY:

- -ACP: ACENAPTHYLENE
- -AT: ANTHRACENE
- -B: BENZENE
- -B(a): BENZO (a) ANTHRACENE
- -B(a)P: BENZO (a) PYRENE
- -B(b): BENZO (b) FLUORANTHENE
- -B(g,h,i): BENZO (g,h,i) PERYLENE
- -B(k): BENZO (k) FLUORANTHENE
- -C: CHRYSENE
- -Cd: CADMIUM
- -DiBA: di BENZO (a,h) ANTHRACENE
- -E: ETHYLBENZENE
- -F: FLUORANTHENE
- -IP: INDENO (1,2,3-cd) PYRENE
- -IPBz: ISOPROPYLBENZENE
- -n-BuBz: n-BUTYLBENZENE
- -n-PBz: n-PROPYLBENZENE
- -Napht: NAPHTHALENE
- -P: PYRENE
- -PA: PHENANTHRENE
- -Pb: LEAD
- -PCE: TETRACHLOROETHENE
- -p-IPT: p-ISOPROPYLTOLUENE
- -s-BuBz: Sec-BUTYLBENZENE
- -T: TOLUENE
- -TMB: TRIMETHYLBENZENE
- -X: TOTAL XYLENES

ABBREVIATIONS:

- -BDL: BELOW DETECTION LIMIT
- -DRO: DIESEL RANGE ORGANIC
- -GRO: GASOLINE RANGE ORGANIC
- -LOD: LIMIT OF DETECTION
- -NR: NATURAL RESOURCES
- -PAH: POLYNUCLEAR AROMATIC HYDROCARBON
- -PCBs: POLYCHLORINATED BIPHENYLS
- -PID: PHOTOIONIZATION DETECTOR (FIELD)
- -PVOC: PETROLEUM VOLATILE ORGANIC COMPOUND
- -RCLs: RESIDUAL CONTAMINANT LEVEL
- -TCLP: TOXICITY CHARACTERISTIC LEACHATE PROCEDURE
- -VOC: VOLATILE ORGANIC COMPOUND
- -WAC: WISCONSIN ADMINISTRATIVE CODE
- -WDNR: WISCONSIN DEPARTMENT OF NATURAL RESOURCES

NOTES:

FIELD PID RESULTS EXPRESSED IN INSTRUMENT UNITS

GRO, DRO AND LEAD RESULTS EXPRESSED IN MILLIGRAMS PER KILOGRAM (mg/kg) EQUIVALENT TO PARTS PER MILLION (ppm)

VOC, PVOC, PAH AND PCB RESULTS EXPRESSED IN MICROGRAMS PER KILOGRAM (ug/kg) EQUIVALENT TO PARTS PER BILLION (ppb)

TCLP RESULTS EXPRESSED IN MILLIGRAMS PER LITER (mg/l) EQUIVALENT TO PARTS PER MILLION (ppb)

-j: CONCENTRATION BETWEEN LABORATORY LIMIT OF DETECTION AND QUANTITATION LIMIT.

RESULTS INDICATED IN RED/UNDERLINED EXCEED THE WAC NR 720.09 GENERIC RCLs BASED ON GROUNDWATER PROTECTION

RESULTS INDICATED IN BROWN/# EXCEED THE WAC NR 746.06-TABLE 1 RESIDUAL PETROLEUM PRODUCT IN SOIL PORES SCREENING LEVELS

PAH NOTES:

PAH RESULTS INDICATED IN GREEN/PARENTHESIS EXCEED THE WDNR SUGGESTED GENERIC DIRECT CONTACT RCLs AT A NON-INDUSTRIAL PROPERTY. APPLICABLE TO THE TOP 4 FEET.

LEAD NOTES:

LEAD RESULTS INDICATED IN BROWN/# EXCEED THE WDNR TCLP ACCEPTANCE LIMIT

LEAD RESULTS INDICATED IN GREEN/PARENTHESIS EXCEED THE WAC NR 720.11 DIRECT CONTACT RCLs (NON-INDUSTRIAL). APPLICABLE TO THE TOP 4 FEET.

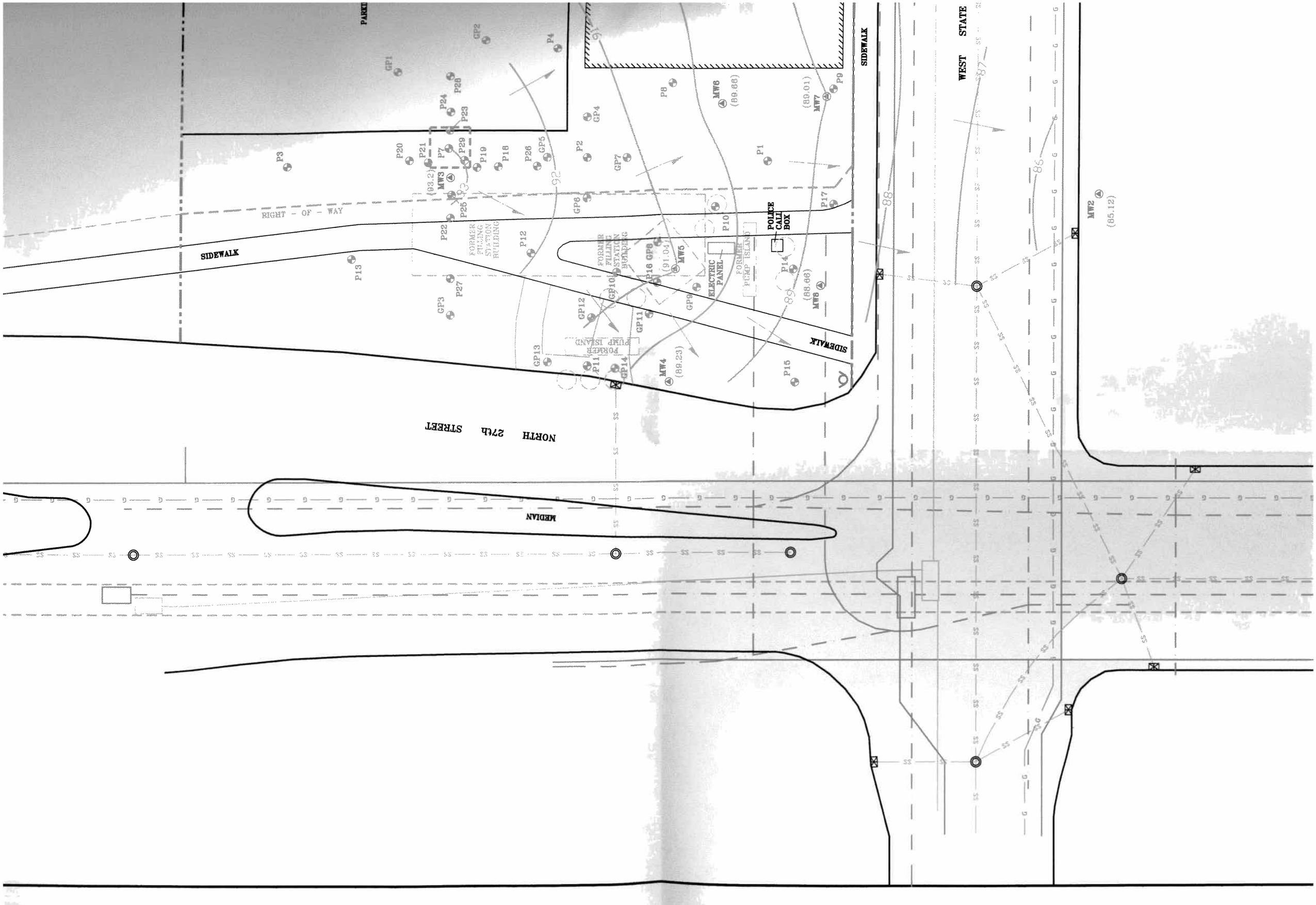
LEGEND:

- ESTIMATED EXTENT OF IMPACTED SOIL RESULTING FROM FORMER LEAKING USTs
- ESTIMATED EXTENT OF IMPACTED SOIL RESULTING FROM OIL/WASTE OIL SURFACE SPILLS
- SUBJECT PROPERTY LINE
- CURB LINE
- MW1 — GROUNDWATER MONITORING WELL
- P1 — GEOPROBE SOIL BORING
- GP1 — GEOPROBE SOIL BORING (JANUARY 2005)
- APPROXIMATE EXTENT OF EXCAVATION AREA
- FORMER UNDERGROUND STORAGE TANK

GILES ENGINEERING ASSOCIATES, INC.
N8 W22350 JOHNSON DRIVE, SUITE A1
WAUKESHA, WI 53186 (262)-544-0118

FIGURE 6
SOIL ANALYTICAL RESULTS
FORMER 2636 WEST STATE STREET
AND 2622-26 WEST STATE STREET
MILWAUKEE, WISCONSIN

DESIGNED	DRAWN	SCALE	DATE	REVISED
ELB	JSZ	1"=20'	03-15-05	03-09-06


NORTH 27th STREET
WEST STATE
SIDEWALK
SIDEWALK
SIDEWALK
RIGHT - OF - WAY
MEDIAN
POLICE CALL BOX
ELECTRIC PANEL
FORMER FILLING STATION BUILDING
FORMER PUMP ISLAND
FORMER PUMP ISLAND
MW1 (93.21)
MW2 (85.12)
MW3
MW4 (89.23)
MW5 (91.04)
MW6 (89.66)
MW7 (89.01)
MW8 (88.66)
GP1
GP2
GP3
GP4
GP5
GP6
GP7
GP8
GP9
GP10
GP11
GP12
GP13
GP14
P1
P2
P3
P4
P5
P6
P7
P8
P9
P10
P11
P12
P13
P14
P15
P16
P17
P18
P19
P20
P21
P22
P23
P24
P25
P26
P27
P28
P29
92
93
88
89
91
87
86
85
SS
G

3/17/00	6/20/00	10/27/00	2/28/01
DETECTED VOCs Napht = 0.48j	DETECTED PVOCs B = (4.2) E = 1.1j TMBs = 1.1j T = 1.0j X = 11j MTBE = 0.55j	DETECTED PVOCs Napht = 7.6 TMBs = 14.1 X = 5.2	DRO = 6,480 Cd < 0.4 Pb < 1.5 DETECTED PCBs PCB 1260 = 210 DETECTED PVOCs TMBs = 1.2j X = 2.1 DETECTED PAHs P = 0.43

8/29/01	2/4/05	11/10/05	2/14/06
Pb < 1.5 DETECTED PVOCs B = (0.75j) Napht = 2.5j TMBs = 10.2 X = 4.5	PVOCs < LOD	PCBs < LOD PVOCs < LOD	PCBs < LOD DETECTED PVOCs B = 5.3 Napht = 6.3 TMBs = 18 X = 15

3/2/00
Pb < 1.5 DETECTED VOCs B = 22j E = 2,250 IPBz = 122 n-PBz = 362 Napht = 760 p-IPT = 13j TMBs = 4,398 T = 27j s-BuBz = 20j X = 12,670

6/20/00
DETECTED PVOCs B = 12j E = 1,960 Napht = 979 TMBs = 5,148 X = (9,433)

10/27/00
DETECTED PVOCs E = 28 Napht = (14) TMBs = 79 X = 125.5

2/28/01
DETECTED PVOCs B = (0.5j) E = 25 Napht = (56) TMBs = 10 X = 107.7

8/29/01
Pb < 1.5 DETECTED PVOCs B = 101 E = 746 Napht = 284 TMBs = 878 T = 11 X = 1,259

2/4/05
DETECTED PVOCs B = 74 E = (3.3) TMBs = 898 T = 8.4 X = 833

11/10/05
DETECTED PVOCs B = 110 E = (475) TMBs = 1,427 T = 6.92 X = (1,383)

2/14/06
DETECTED PVOCs B = 57 E = (584) Napht = 275 TMBs = 1,951 X = (2,298)

3/2/00	6/20/00	10/27/00
Pb < 1.5 DETECTED VOCs Ace = 4.9j 4-Me-2-Pent = 2.8	DETECTED PVOCs B = (3.8) T = 0.84j MTBE = 1.7	DETECTED PVOCs Napht = 2.4j

2/28/01	8/29/01	2/7/05
DETECTED PVOCs X = 1.0j	Pb < 1.5 DETECTED PVOCs TMBs = 1.2j	PVOCs < LOD

11/10/05
DETECTED PVOCs TMBs = 11.271 X = 17.178

2/14/06
PVOCs < LOD

11/10/05
DETECTED VOCs B = 429 E = 3,450 IPBz = 334 n-PBz = 889 Napht = 1,120 p-IPT = 161 4-Me-2-Pent = 1,360 TMBs = 6,530 T = (481) X = 14,933

2/14/06
DETECTED PVOCs B = 9.3 E = 4.1 Napht = 2.7 TMBs = 2.7 X = 3.3

3/2/00	6/20/00
Pb = (0.3) DETECTED VOCs B = 563 E = 1,550 IPBz = 54 n-PBz = 117 Napht = 197 p-IPT = 7.7j TMBs = 985 T = (449) X = (5,154)	DETECTED PV B = 347 E = 722 Napht = 85 TMBs = (449 T = (252) X = (2,291)

3/2/00	6/20/00
Pb < 1.5 DETECTED VOCs Ace = 17 MEK = 1.4 4-Me-2-Pent = 4.8	PVOCs < LOD

SIDEWALK

NORTH 27th STREET

MEDIAN

SIDEWALK

MW2

MW3

MW4

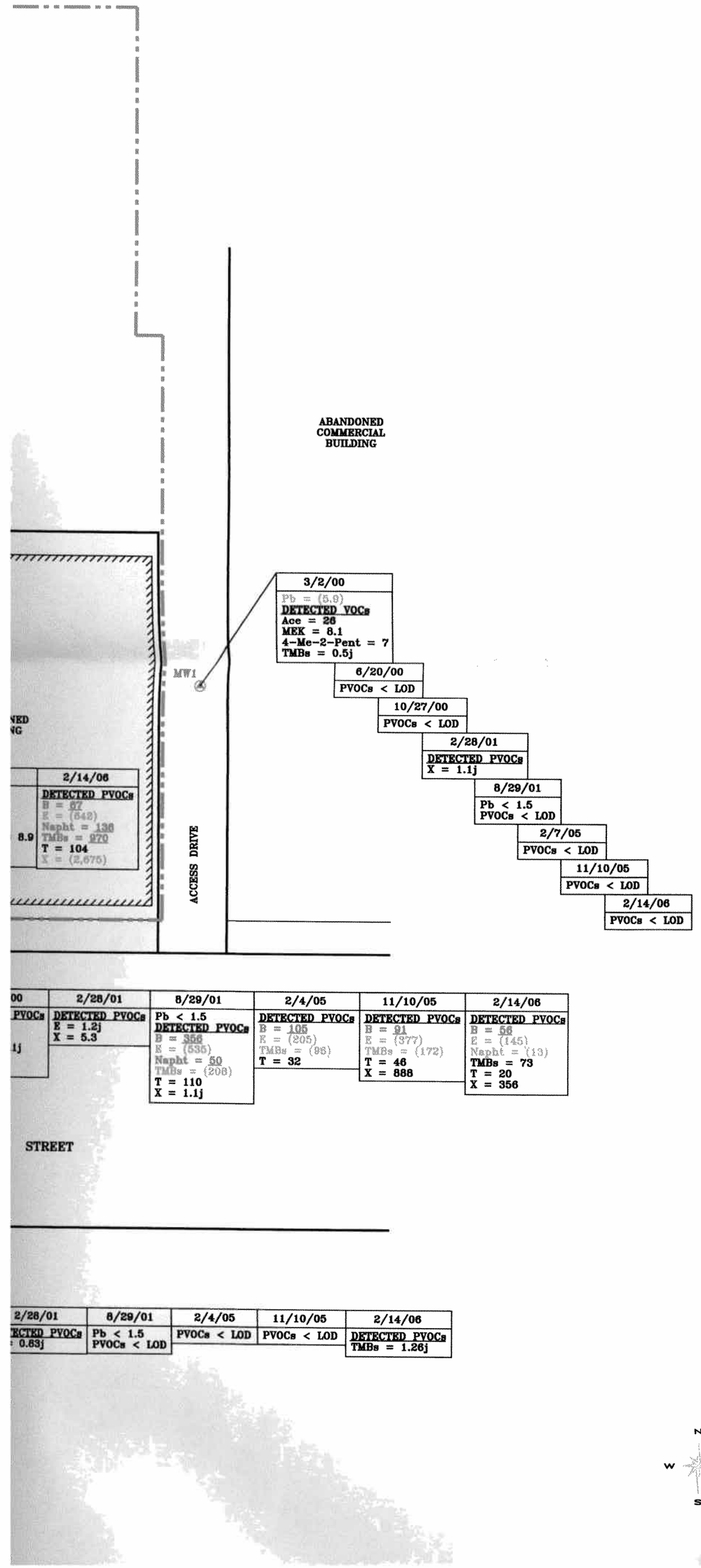
MW5

MW6

MW7

MW8

COMMERCIAL



CHEMICAL KEY:

- -Ace: ACETONE
- -B: BENZENE
- -Cd: CADMIUM
- -E: ETHYLBENZENE
- -IPBz: ISOPROPYLBENZENE
- -4-Me-2-Pent: 4-METHYL-2-PENTANONE
- -MEK: METHYL ETHYL KETONE
- -MTBE: METHYL TERT BUTYL ETHER
- -n-PBz: n-PROPYLBENZENE
- -Napht: NAPHTHALENE
- -P: PYRENE
- -Pb: LEAD
- -p-IPT: p-ISOPROPYLTOLUENE
- -s-BuBz: Sec-BUTYLBENZENE
- -T: TOLUENE
- -TMBs: TOTAL TRIMETHYLBENZENE
- -X: TOTAL XYLENES

ABBREVIATIONS:

- -DRO: DIESEL RANGE ORGANIC
- -LOD: LIMIT OF DETECTION
- -NR: NATURAL RESOURCES
- -PAH: POLYNUCLEAR AROMATIC HYDROCARBON
- -PCBs: POLYCHLORINATED BIPHENYLS
- -PVOC: PETROLEUM VOLATILE ORGANIC COMPOUND
- -VOC: VOLATILE ORGANIC COMPOUND
- -WAC: WISCONSIN ADMINISTRATIVE CODE

NOTES:

VOC AND PVOC RESULTS EXPRESSED IN MICROGRAMS PER LITER (ug/l) EQUIVALENT TO PARTS PER BILLION (ppb)

RESULTS INDICATED IN BLUE/PARENTHESIS EXCEED WAC NR 140 PREVENTIVE ACTION LIMITS (PAL)

RESULTS INDICATED IN RED/UNDERLINED EXCEED WAC NR 140 ENFORCEMENT STANDARDS (ES)

-j: CONCENTRATION BETWEEN LABORATORY LIMIT OF DETECTION AND QUANTITATION LIMIT.

LEGEND:

- ESTIMATED EXTENT OF PETROLEUM-IMPACTED GROUNDWATER ABOVE NR 140 ES
- SUBJECT PROPERTY LINE
- CURB LINE
- MW1 GROUNDWATER MONITORING WELL
- EXCAVATION AREA
- FORMER UNDERGROUND STORAGE TANK

GILES ENGINEERING ASSOCIATES, INC.
N8 W22350 JOHNSON DRIVE, SUITE A1
WAUKESHA, WI 53186 (262)-544-0118

FIGURE 8
GROUNDWATER ANALYTICAL RESULTS
FORMER 2636 WEST STATE STREET
AND 2622-26 WEST STATE STREET
MILWAUKEE, WISCONSIN

DESIGNED	DRAWN	SCALE	DATE	REVISED
ELB	JSZ	1"=20'	03-23-05	03-23-06

TABLE 1
SOIL ANALYTICAL RESULTS (VOC/PVOC)

Former 2636 West State Street and 2622-26 West State Street
Milwaukee, Wisconsin
Project No. 1E-9907009

Analyte		Sample Location																	NR 720.09 RCLs	NR 746.06 Table 1 (Product Indicator)	NR 746.06 Table 2 (Direct Contact)
		P1		P2		P3	P4	P5	P6	P7	P8		P9	P10		P11	P12	P13	P15			
Sample Date		10/7/1999		10/7/1999		10/7/1999	10/7/1999	10/7/1999	10/7/1999	10/7/1999	10/7/1999		10/7/1999	1/14/2000		1/14/2000	1/14/2000	1/14/2000	1/14/2000			
Sample Depth (feet)		14-16	26-28	8-10	14-16	10-12	10-12	12-14	12-14	4-6	14-16	16-18	14-16	2-4	6-8	6-8	8-10	12-14	10-12			
PID (Instrument units)		700	500	600	BDL	BDL	BDL	BDL	BDL	45	70	BDL	250	BDL	1,000	BDL	BDL	BDL	BDL			
GRO (mg/kg)		946	4.6	404	2.5	4.5	<0.60	0.79j	<0.57	133	80	2.2	7,940	3.4	1,330	3.3	4.8	2.8	2.7	100	NS	NS
DRO (mg/kg)		28	4.9	11	<1.1	<1.1	2.3j	<1.1	2.2j	1,150	7.2	3.3j	362	7.2	14	9.9	4.5	10	4.1	100	NS	NS
Detected VOCs/PVOCs (ug/kg)	Ethylbenzene	#18,500#	<25	715	<25	<25	<25	<25	<25	144	306	<25	#117,000#	<25	2,090	<25	<25	<25	<25	2,900	4,600	NS
	Benzene	<250	<25	<100	<25	<25	<25	<25	<25	<63	<50	<25	<250	<25	<250	<25	<25	<25	<25	5.5	8,500	1,100
	Isopropylbenzene	1,980	<25	648	<25	<25	<25	<25	<25	231	439	<25	13,900	<25	1,090	<25	<25	<25	<25	NS	NS	NS
	n-Propylbenzene	7,320	<25	3,550	<25	<25	<25	<25	<25	1,110	941	<25	50,600	<25	1,700	<25	<25	<25	<25	NS	NS	NS
	Naphthalene	#7,640#	<25	346	<25	<25	<25	<25	<25	#3,550#	1,880	<25	#39,000#	<25	#3,490#	<25	<25	<25	<25	NS	2,700	NS
	p-Isopropyltoluene	430	<25	513	<25	<25	<25	<25	<25	133	<50	<25	2,970	<25	1,970	<25	<25	<25	<25	NS	NS	NS
	n-Butylbenzene	<250	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<25	<250	<25	<25	<25	<25	NS	NS	NS
	sec-Butylbenzene	872	<25	927	<25	<25	<25	<25	<25	<63	<50	<25	4,480	<25	632	<25	<25	<25	<25	NS	NS	NS
	Toluene	2,300	50j	<100	<25	<25	<25	<25	<25	<63	<50	<25	4,320	<25	299j	<25	<25	<25	<25	1,500	38,000	NS
	1,2,4-Trimethylbenzene	35,600	84	15,100	<25	<25	<25	<25	<25	9,390	6,870	37j	#250,000#	<25	21,900	<25	<25	<25	<25	NS	83,000	NS
	1,3,5-Trimethylbenzene	8,660	<25	3,120	<25	<25	<25	<25	<25	2,890	1,340	<25	#63,000#	<25	7,810	<25	<25	<25	<25	NS	11,000	NS
	Tetrachloroethene (PCE)	<250	<25	<100	<25	<25	<25	<25	<25	<63	<50	<25	<250	<25	<250	<25	<25	28j	<25	NS	NS	NS
	Total Xylenes	#73,400#	135	764	<25	<25	<25	<25	<25	6,550	11,650	73	#548,000#	<25	23,270	<25	<25	<25	37j	4,100	42,000	NS

VOC: Volatile Organic Compound
NR: Natural Resources Chapter of the Wisconsin Administrative Code (WAC)
--: Not Analyzed / Not Applicable
NS: No Established Standard
BDL: Below Detection Limit
PID: Photoionization Detector

mg/kg: Milligrams per kilogram; equivalent to parts per million (ppm)
ug/kg: Micrograms per kilogram; equivalent to parts per billion (ppb)
j: Result detected between the laboratory method detection limit and the quantitation limit
DRO: Diesel range organics
GRO: Gasoline range organics

Results indicated in red/underlined exceed the WAC NR 720.09 generic RCLs based on groundwater protection
Results indicated in brown/#...# exceed the WAC NR 746.06 Table 1 Residual Petroleum Product in Soil Pores Screening Levels

TABLE 1
SOIL ANALYTICAL RESULTS (VOC/PVOC)

Former 2636 West State Street and 2622-26 West State Street
Milwaukee, Wisconsin
Project No. 1E-9907009

Analyte		Sample Location																				NR 720.09 RCLs	NR 746.06 Table 1 (Product Indicator)	NR 746.06 Table 2 (Direct Contact)
		P16		P17	P18		P20		P22	P24		P26		P27		P28		P29		MW7	MW8			
Sample Date		1/14/2000		1/14/2000	12/19/2000		12/19/2000		12/19/2000	12/19/2000		4/10/2001		4/10/2001		4/10/2001		4/10/2001		10/25/2005	10/25/2005			
Sample Depth (feet)		2-4	6-8	10-12	2-4	4-6	2-4	4-6	2-4	2-4	4-6	2-4	4-6	2-4	4-6	2-4	4-6	8-10	12-14	8-10	8-10			
PID (Instrument units)		BDL	2,000	BDL	BDL	50	BDL	12	BDL	BDL	8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1,942			
GRO (mg/kg)		27	4,010	0.63j	1.2j	254	<0.59	25	6.6	4.7	64	--	--	--	--	--	--	--	--	--	--	100	NS	NS
DRO (mg/kg)		13	356	10	8.3	9.6	69	52	7,010	39	3,130	40	6.6	8.8	34	52	13	31	23	--	--	100	NS	NS
Detected VOCs/PVOCs (ug/kg)	Ethylbenzene	<25	#95,700#	<25	<18	<176	<18	22j	43j	<18	<17	<20	<19	<17	<18	<18	<18	<18	<18	<14	183	2,900	4,600	NS
	Benzene	<25	#10,100#	<25	<19	<183	<19	<18	<18	<18	<18	<21	<19	<17	<19	<19	<19	<18	<18	<20	<20	5.5	8,500	1,100
	Isopropylbenzene	<25	10,400	<25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<12	699	NS	NS	NS
	n-Propylbenzene	<25	43,500	<25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<25	3,010	NS	NS	NS
	Naphthalene	<25	#36,400#	<25	<55	#2,700#	<56	208	<55	<54	1,600	<61	<58	<51	<56	<55	<56	77j	<54	<25	215	NS	2,700	NS
	p-Isopropyltoluene	<25	2,850	<25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<11	1,050	NS	NS	NS
	n-Butylbenzene	<25	<250	<25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<15	2,040	NS	NS	NS
	sec-Butylbenzene	<25	6,210	<25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<12	1,720	NS	NS	NS
	Toluene	<25	#76,200#	<25	<21	<201	<21	<20	180	24j	<19	<23	<21	<19	<21	<20	<21	<20	<20	<74	<74	1,500	38,000	NS
	1,2,4-Trimethylbenzene	<25	#270,000#	<25	<27	11,700	<28	1,080	104	<2.7	1,890	<30	<29	<25	<28	<27	<28	<27	<27	<11	7,530	NS	83,000	NS
	1,3,5-Trimethylbenzene	<25	#74,200#	<25	<22	4,200	<22	398	<21	<21	1,090	<24	<23	<20	<22	<22	<22	<21	<21	<14	258	NS	11,000	NS
	Tetrachloroethene (PCE)	<25	<1,670	<25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<15	<15	NS	NS	NS
	Total Xylenes	<25	#471,900#	36j	<20	3,220	255	<20	220	31j	823	<65	<62	<55	<61	<59	<60	<58	<58	<29	2,370	4,100	42,000	NS

VOC: Volatile Organic Compound
NR: Natural Resources Chapter of the Wisconsin Administrative Code (WAC)
--: Not Analyzed / Not Applicable
NS: No Established Standard
BDL: Below Detection Limit
PID: Photoionization Detector

mg/kg: Milligrams per kilogram; equivalent to parts per million (ppm)
ug/kg: Micrograms per kilogram; equivalent to parts per billion (ppb)
j: Result detected between the laboratory method detection limit and the quantitation limit
DRO: Diesel range organics
GRO: Gasoline range organics

Results indicated in red/underlined exceed the WAC NR 720.09 generic RCLs based on groundwater protection
Results indicated in brown/#...# exceed the WAC NR 746.06 Table 1 Residual Petroleum Product in Soil Pores Screening Levels

TABLE 1
SOIL ANALYTICAL RESULTS (PAH/PCB)

Former 2636 West State Street and 2622-26 West State Street
Milwaukee, Wisconsin
Project No. 1E-9907009

Analyte		Sample Location																								WDNR Suggested Generic RCLs	
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P15	P16	P17	P26		P27		P28		P29			
Sample Date		10/7/1999	10/7/1999	10/7/1999	10/7/1999	10/7/1999	10/7/1999	10/7/1999	10/7/1999	10/7/1999	1/14/2000	1/14/2000	1/14/2000	1/14/2000	1/14/2000	1/14/2000	1/14/2000	4/10/2001		4/10/2001		4/10/2001		4/10/2001		Groundwater Pathway (ug/kg)	Direct Contact Non-Industrial (ug/kg)
Sample Depth (feet)		2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	4-6	2-4	4-6	2-4	4-6	8-10	12-14		
PID (instrument units)		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		
Detected Polychlorinated Biphenyls (PCBs)																											
Aroclor 1248		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	61	<8.0	<7.1	14j	26	<7.7	<7.6	<7.5	NS	NS
Aroclor 1260		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<8.4	<8.0	814	<7.8	<7.6	<7.7	37	<7.5	NS	NS
Polynuclear Aromatic Hydrocarbons (PAH's) (ug/kg)	1-methyl Naphthalene	<56	<291	<51	<57	<57	<53	<2,570	<56	<60	<49	<277	<51	<52	<57	<306	<58	<61	<58	<52	<57	<56	<56	<55	<58	23,000	1,100,000
	2-methyl Naphthalene	<53	<273	<48	<54	<54	<50	<2,400	<53	<56	<46	<260	<47	<49	<53	<286	<54	<62	<59	<52	<58	<56	<57	<56	<54	20,000	600,000
	Acenaphthene	<72	<372	<65	<73	<73	<68	<3,280	<72	<77	<63	<354	<65	<66	<73	<390	<74	<42	<39	<35	<39	<38	<38	<37	<74	38,000	900,000
	Acenaphthylene	<62	<322	<56	<63	<63	<59	<2,840	<62	<67	<54	<307	<56	<58	<63	<338	<64	<51	<49	<43	<48	<47	<47	<46	<64	700	18,000
	Anthracene	<12	<61	<11	<12	<12	<11	628j	<12	<13	<10	<58	<11	<11	<12	<64	<12	<31	<29	<26	<29	<28	<28	<28	<12	3,000,000	5,000,000
	Benzo (a) anthracene	1.8j	16j	<1.3	<1.5	<1.5	<1.4	(784)	<1.4	<1.5	<1.3	(104)	1.5j	<1.3	<1.5	12j	8.1j	63j	<22	<20	<22	(169)	<21	<21	8.1j	17,000	88
	Benzo (a) pyrene	3.6j	(48j)	<2.9	<3.3	<3.3	<3.1	(981)	<3.2	<3.5	<2.8	(207)	<2.9	<3.0	<3.3	(26j)	<17	(55j)	<23	<20	<22	(167)	<22	<21	<17	48,000	8.8
	Benzo (b) fluoranthene	<2.3	25j	<2.1	<2.3	<2.3	<2.1	(391)	<2.3	<2.4	<2.0	(140)	<2.0	<2.1	<2.3	19j	17j	(123)	<33	<29	<32	(373)	<32	<31	17j	360,000	88
	Benzo (ghi) perylene	4.5j	34j	<2.8	<3.2	<3.2	<2.9	396j	<3.1	<3.3	<2.7	276	<2.8	<2.9	<3.1	60	<16	<41	<38	<34	<38	<37	<37	<36	<16	6,800,000	1,800
	Benzo (k) fluoranthene	<0.60	<3.1	<0.54	<0.61	<0.61	<0.56	111	<0.60	<0.64	<0.52	64	<0.54	<0.55	<0.61	7.2j	<3.1	<19	<18	<16	<18	46j	<18	<17	<3.1	870,000	880
	Chrysene	<7.1	<37	<6.4	<7.2	<7.2	<6.7	624j	<7.1	<7.6	11j	140	<6.4	12j	9.1j	1,190	1,260	63j	<29	<25	<28	168	<28	<27	1,260	37,000	8,800
	Dibenzo (a,h) anthracene	2.3j	(16j)	<0.97	<1.1	<1.1	<1.0	(249)	<1.1	<1.2	<0.94	(22)	<0.97	<1.0	<1.1	(18j)	7.4j	<42	<39	<35	<39	<38	<38	<27	7.4	38,000	8.8
	Fluoranthene	<29	<149	<26	<29	<29	<27	2,660j	<29	<31	<25	246j	<26	<27	<29	<156	110	103	<27	<24	<26	291	<26	110	110	500,000	600,000
	Fluorene	<7.8	<40	<7.0	<7.9	<7.9	<7.3	<355	<7.8	<8.3	<6.8	<38	<7.0	<7.2	<7.9	<42	<8.0	<50	<47	<42	<46	<45	<46	<8.0	<8.0	100,000	600,000
	Indeno (1,2,3-cd) pyrene	<9.3	62j	<8.4	<9.5	<9.5	<8.8	(1,740)	<9.3	<10	<8.1	(240)	<8.4	<8.6	<9.4	<51	<9.6	<39	<37	<33	<36	<36	<36	<9.6	<9.6	680,000	88
	Naphthalene	<98	<508	<89	<100	<100	<93	<4,480	<98	<105	<86	<484	<88	<9.1	<99	<533	<100	<62	<59	<52	<57	<56	<57	<100	<100	400	20,000
	Phenanthrene	<6.7	<35	<6.1	<6.8	<6.8	<6.3	(1,460)	<6.7	<7.2	<5.8	36j	<6.0	<6.2	<6.8	<36	19j	<26	<24	<22	<24	130	<24	19j	19j	1,800	18,000
	Pyrene	<10	<52	<9.1	<10	<10	<9.5	<459	<10	<11	<8.8	580	<9.0	<9.3	<10	<55	<51	109	<24	27j	<24	319	<23	<51	<51	6,700,000	500,000

BDL: Below the detection limit
ug/kg: Micrograms per kilogram; equivalent to parts per billion (ppb)
PID: Photoionization Detector
WDNR: Wisconsin Department of Natural Resources
RCL: Residual contaminant Level
j: Result detected between the laboratory method limit of detection and the limit of quantitation
--: Not Analyzed / Not Applicable
NS: No Established Standard
Results in green/parentheses exceed the WDNR suggested generic direct-contact RCLs at a non-industrial property. Applicable to the top 4 feet

TABLE 1
SOIL ANALYTICAL RESULTS (PAH)

Former 2636 West State Street and 2622-26 West State Street
Milwaukee, Wisconsin
Project No. 1E-9907009

Analyte		Sample Location													WDNR Suggested Generic RCLs	
		GP1	GP2	GP4	GP5	GP6	GP7	GP8	GP9	GP10	GP11	GP12	GP13	GP14		
Sample Date		1/25/2005	1/25/2005	1/25/2005	1/25/2005	1/25/2005	1/25/2005	1/25/2005	1/25/2005	1/25/2005	1/25/2005	1/25/2005	1/25/2005	1/25/2005	Groundwater Pathway (ug/kg)	Direct Contact Non-Industrial (ug/kg)
Sample Depth (feet)		2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4		
PID (Instrument units)		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		
Polynuclear Aromatic Hydrocarbons (PAH's) (ug/kg)	1-methyl Naphthalene	<46	<45	<45	<47	<47	<46	<45	<39	<40	<44	<44	<42	<41	23,000	1,100,000
	2-methyl Naphthalene	<90	<88	<87	<91	<91	<89	<87	<77	<77	<85	<85	<82	<80	20,000	600,000
	Acenaphthene	<51	<50	<50	<52	<52	<51	<50	<44	<44	<49	<48	<46	<45	38,000	900,000
	Acenaphthylene	<52	52	<51	<53	<53	<52	<51	<45	<45	<50	<49	<48	<47	700	18,000
	Anthracene	<67	<66	<65	<68	<68	<67	<66	<57	59j	70j	95j	<61	<60	3,000,000	5,000,000
	Benzo (a) anthracene	<67	(183j)	<65	<68	<68	<67	<66	<57	(115j)	(140j)	(159j)	<61	<60	17,000	88
	Benzo (a) pyrene	<73	(188j)	<65	<75	<75	<73	<72	<63	(123j)	(157j)	(301)	<67	<65	48,000	8.8
	Benzo (b) fluoranthene	<52	(222)	<51	<53	<53	<52	52j	<45	(197)	(265)	(314)	<48	<47	360,000	88
	Benzo (ghi) perylene	<102	<101	<99	<104	<104	<101	<100	<87	<88	<97	188j	<93	<91	6,800,000	1,800
	Benzo (k) fluoranthene	<98	<97	<96	<100	<100	<98	<96	<84	99j	<94	109j	<90	<87	870,000	880
	Chrysene	<47	168	<46	<48	<48	<47	<46	<40	119j	154	176	<43	<42	37,000	8,800
	Dibenzo (a,h) anthracene	<95	<93	<92	<96	<96	<94	<92	<81	<82	<90	<89	<86	<84	38,000	8.8
	Fluoranthene	<52	333	<51	<53	<53	<52	85j	<45	211	247	306	<48	<84	500,000	600,000
	Fluorene	<51	<50	<50	<52	<52	<51	<50	<44	<44	<49	<48	<46	<45	100,000	600,000
	Indeno (1,2,3-cd) pyrene	<86	(88j)	<84	<87	<87	<85	<84	<73	<74	<82	(171j)	<78	<76	680,000	88
	Naphthalene	<50	<49	<48	<51	<51	<50	<49	<43	<43	<47	<47	<45	<44	400	20,000
	Phenanthrene	32j	90	<24	<25	<25	<25	55j	<21	109	114	151	<23	<22	1,800	18,000
	Pyrene	<72	308	<70	<73	<74	<72	<70	<62	196j	250	280	<66	<64	8,700,000	500,000

BDL: Below the detection limit
ug/kg: Micrograms per kilogram; equivalent to parts per billion (ppb)
PID: Photoionization Detector
WDNR: Wisconsin Department of Natural Resources
RCL: Residual contaminant Level
j: Result detected between the laboratory method limit of detection and the limit of quantitation
Results in green/parentheses exceed the WDNR suggested generic direct-contact RCLs at a non-industrial property. Applicable to the top 4 feet.

TABLE 1
Soil Analytical Results (lead and cadmium)

Former 2636 West State Street and 2622-26 West State Street
Milwaukee, Wisconsin
Project No. 1E-9907009

Sample Location	Sample Depth (feet)	PID (Instrument Units)	Sample Date	Lead (mg/kg)	Lead (TCLP) (mg/L)	Cadmium (mg/kg)
P1	2-4	BDL	10/7/1999	(64)	--	--
	14-16	BDL	10/7/1999	13	--	--
P2	2-4	BDL	10/7/1999	21	--	--
P3	2-4	BDL	10/7/1999	6.6	--	--
P5	2-4	BDL	10/7/1999	16	--	--
P6	2-4	BDL	10/7/1999	20	--	--
P7	2-4	BDL	10/7/1999	(860)	#6.5#	--
P8	2-4	BDL	10/7/1999	17	--	--
P9	2-4	BDL	10/7/1999	24	--	--
P10	2-4	BDL	1/14/2000	8.9j	--	--
P11	2-4	BDL	1/14/2000	13	--	--
P12	2-4	BDL	1/14/2000	19	--	--
P13	2-4	BDL	1/14/2000	17	--	--
P15	2-4	BDL	1/14/2000	18	--	--
P16	2-4	BDL	1/14/2000	43	--	--
P17	2-4	BDL	1/14/2000	37	--	--
P18	2-4	BDL	12/19/2000	(62)	--	--
	4-6	50	12/19/2000	9.8	--	--
P19	2-4	BDL	12/19/2000	(268)	<0.049	--
	4-6	17	12/19/2000	8j	--	--
P20	2-4	BDL	12/19/2000	22	--	--
	4-6	12	12/19/2000	8j	--	--
P21	2-4	BDL	12/19/2000	18	--	--
	4-6	30	12/19/2000	8.1j	--	--
P22	2-4	BDL	12/19/2000	(452)	0.84	--
P23	2-4	BDL	12/19/2000	(1,220)	2.5	--
	4-6	30	12/19/2000	11	--	--
P24	2-4	BDL	12/19/2000	(130)	0.18	--
	4-6	8	12/19/2000	16	--	--
P25	2-4	23	12/19/2000	(177)	0.37	--
	4-6	3	12/19/2000	180	--	--
P26	2-4	BDL	4/10/2001	(594)	--	<0.91
	4-6	BDL	4/10/2001	61	--	<0.86
P27	2-4	BDL	4/10/2001	(93)	--	<0.76
	4-6	BDL	4/10/2001	115	--	<0.84
P28	2-4	BDL	4/10/2001	(214)	--	<0.82
	4-6	BDL	4/10/2001	72	--	<0.82
P29	8-10	BDL	4/10/2001	22	--	<0.82
	12-14	BDL	4/10/2001	24	--	<0.81
GP1	2-4	BDL	1/25/2005	16	--	--
GP2	2-4	BDL	1/25/2005	4.2j	--	--
GP3	2-4	BDL	1/25/2005	<3.2	--	--
NR 720.11 Direct Contact RCL (non-industrial)				50	--	8
WDNR TCLP Acceptance Limit (mg/L)				--	5	5

WDNR Wisconsin Department of Natural Resouces
TCLP: Toxicity characteristic leachate procedure
mg/kg: Milligrams per kilogram; equivalent to parts per million (ppm)
mg/L: Milligrams per liter; equivalent to parts per million (ppm)
BDL: Below the detection limit
PID: Photoionization detector
j: Result detected between the laboratory method limit of detection and the limit of quantitation

Results expressed in green/parentheses exceed the NR 720.11direct contact RCL (non-industrial). Applicable to the top 4 feet.
Results expressed in brown/#...# exceed the WDNR TCLP acceptance limit

TABLE 2
GROUNDWATER ELEVATIONS SUMMARY

Former 2636 West State Street and 2622-26 West State Street
Milwaukee, Wisconsin
Project No. 1E-9907009

Parameters	Groundwater Monitoring Wells							
	MW1	MW2	MW3	MW4	MW5	MW6	MW7	MW8
Ground Elevation	98.79	98.76	99.50	97.86	98.82	99.10	98.83	98.76
Top of PVC Riser	98.40	98.59	101.92	97.07	101.48	101.71	98.44	98.55
Top of PVC Screen	92.79	93.76	93.50	88.86	93.82	94.10	93.83	93.76
Bottom of PVC Screen	77.79	78.76	78.50	78.86	78.82	79.10	78.83	78.76
Ground Elevation*	97.15	98.04	98.70	97.00	98.23	98.40	98.16	98.02
Top of PVC Riser*	96.80	97.80	101.22	96.32	100.75	101.04	97.73	97.82
Groundwater Elevations								
3/1/2000	90.79 (7.61)	87.17 (11.42)	Dry	85.91 (11.16)	95.02 (6.46)	91.71 (10.00)	--	--
6/20/2000	92.06 (6.34)	87.37 (11.22)	93.13 (8.79)	90.12 (6.95)	92.42 (9.06)	91.13 (10.58)	--	--
10/27/2000	90.70 (7.70)	85.70 (12.70)	84.12 (14.28)	87.83 (10.57)	87.88 (10.52)	86.46 (11.94)	--	--
2/28/2001	91.40 (7.00)	86.59 (12.00)	91.57 (10.35)	90.32 (6.75)	92.21 (9.27)	91.61 (10.10)	--	--
8/27/2001	90.76 (7.64)	87.19 (11.40)	--	87.23 (9.84)	90.48 (11.00)	90.67 (11.04)	--	--
2/4/2005	91.90 (6.50)	85.70 (12.89)	91.73 (10.19)	86.73 (10.34)	89.82 (11.66)	88.96 (12.75)	--	--
11/10/2005	88.22 (8.58)	84.53 (13.27)	88.97 (12.25)	86.49 (9.83)	87.28 (13.47)	88.56 (13.15)	87.32 (10.41)	78.90 (18.92)
2/14/2006	89.25 (7.55)	85.12 (12.68)	93.2 (8.02)	89.23 (7.09)	91.04 (9.71)	89.66 (11.38)	89.01 (8.72)	88.66 (9.16)

Benchmark: Finished floor at northwest corner of building - ***Fire hydrant near southwest corner of Site (11/10/2005 and 2/14/2006)**
PVC: Polyvinyl chloride
(8.67): Depth to water level from top of PVC pipe
--: Not measured / Not Applicable

TABLE 3
Temporary Well Analytical Results

Former 2636 West State Street and 2622-26 West State Street
Milwaukee, Wisconsin
Project No. 1E-9907008

Analyte		Sample Location						NR 140.10 PAL	NR 140.10 ES
		P1	P2	P4	P7	P12	P17		
Sample Date		10/7/1999	10/7/1999	10/7/1999	10/7/1999	1/14/2000	1/14/2000		
Lead (ug/L)		<1.4	**(3)**	<1.4	--	--	--	1.5	15
Detected Volatile Organic Compounds (VOC'S) (ug/L)	Trimethylbenzenes	**3,012**	**2,279**	<0.29	37.5	<0.29	**4,268**	96	480
	Benzene	**69**	<4.8	<0.19	**(1.3)**	<0.19	**47**	0.5	5
	Ethylbenzene	**2,750**	**(395)**	<0.16	0.69	<0.16	**1,920**	140	700
	Isopropylbenzene	153	91	<0.16	0.79	<0.16	140	NS	NS
	n-Propylbenzene	429	334	<0.25	2.4	<0.25	446	NS	NS
	Naphthalene	**549**	**184**	<0.46	**(11)**	<0.46	**624**	8	40
	p-Isopropyltoluene	28j	20	<0.18	0.26j	<0.18	17	NS	NS
	sec-Butylbenzene	43j	33	<0.3	0.35j	<0.3	32	NS	NS
	Toluene	**(787)**	<8.3	<0.33	0.96j	<0.33	62	200	1,000
	Total Xylenes	**13,370**	706	<0.36	33	<0.36	**(8,012)**	1,000	10,000
	1,1,1-Trichloroethane (TCA)	<12	<5.8	0.52j	0.27j	<5.8	<5.8	40	200
	1,1-Dichloroethane	<7.5	<3.8	0.75	0.33j	<3.8	<3.8	85	850
	Chlorobenzene	<10	<5.0	0.47j	0.33j	<5.0	<5.0	NS	NS
	cis-1,2-Dichloroethene	<10	<5.0	0.45j	0.25j	<5.0	<5.0	7	70
	Acetone	<78	<39	<1.6	12	<39	<39	200	1,000

NOTES:

ug/L: Micrograms per liter; equivalent to parts per billion (ppb)
j: Result detected between the laboratory method limit of detection and limit of quantitation
NR: Natural Resources Chapter of the Wisconsin Administrative Code (WAC)
Results indicated in blue/parentheses exceed the WAC NR 140.10 PAL
Results indicated in red/underlined exceed the WAC NR 140.10 ES

PAL: WAC NR 140.10 Preventive Action Limit
ES: WAC NR 140.10 Enforcement Standard
--: Not Analyzed

TABLE 4
GROUNDWATER ANALYTICAL RESULTS

Former 2636 West State Street and 2622-26 West State Street
Milwaukee, Wisconsin
Project No. 1E-9907009

Sample Location	Sample Date	Lead (ug/L)	Detected VOCs/PVOCs (ug/L)													
			Acetone	Benzene	MEK	E-Benzene	IPBz	n-PBz	Napht	p-IPT	4-Me-2-Pent	TMBs	Toluene	sec-BuBz	Xylenes	MTBE
MW1	03/02/00	(5.9)	26	<0.19	8.1	<0.16	<0.16	<0.25	<0.46	<0.18	7.0	0.5j	<0.33	<0.3	<0.54	<0.21
	06/20/00	--	--	<0.42	--	<0.66	--	--	<1.2	--	--	<1.34	<0.68	--	<2.01	<0.35
	10/27/00	--	--	<0.42	--	<0.57	--	--	<1.2	--	--	<1.25	<0.44	--	<1.0	<0.30
	02/28/01	--	--	<0.44	--	<0.57	--	--	<1.2	--	--	<1.25	<0.44	--	1.1j	<0.30
	08/29/01	<1.5	--	<0.44	--	<0.57	--	--	<1.2	--	--	<1.25	<0.44	--	<1.48	<0.30
	02/07/05	--	--	<0.44	--	<0.57	--	--	--	--	--	<1.25	<0.44	--	<1.48	<0.30
	11/10/05	--	--	<0.44	--	<0.57	--	--	--	--	--	<1.25	<0.44	--	<1.48	<0.30
	02/14/06	--	--	<0.44	--	<0.57	--	--	<1.2	--	--	<1.25	<0.44	--	<1.48	<0.30
MW2	03/02/00	<1.5	17	<0.19	1.4	<0.16	<0.16	<0.25	<0.46	<0.18	4.8	<0.52	<0.33	<0.3	<0.54	<0.21
	06/20/00	--	--	<0.42	--	<0.66	--	--	<1.2	--	--	<1.34	<0.68	--	<2.01	<0.35
	10/27/00	--	--	<0.44	--	<0.57	--	--	<1.2	--	--	<1.25	<0.44	--	<1.0	<0.30
	02/28/01	--	--	<0.44	--	<0.57	--	--	<1.2	--	--	<1.25	<0.44	--	0.83j	<0.30
	08/29/01	<1.5	--	<0.44	--	<0.57	--	--	<1.2	--	--	<1.25	<0.44	--	<1.48	<0.30
	02/04/05	--	--	<0.44	--	<0.57	--	--	--	--	--	<1.25	<0.44	--	<1.48	<0.30
	11/10/05	--	--	<0.44	--	<0.57	--	--	--	--	--	<1.25	<0.44	--	<1.48	<0.30
	02/14/06	--	--	<0.44	--	<0.57	--	--	--	--	--	1.26j	<0.44	--	<1.48	<0.30
MW3	03/17/00	--	<1.6	<0.19	<1.4	<0.16	<0.16	<0.25	0.48j	<0.18	<0.84	<0.52	<0.33	<0.3	<0.54	<0.21
	06/20/00	--	--	(4.2)	--	1.1j	--	--	<1.2	--	--	1.1j	1.0j	--	11j	0.55j
	10/27/00	--	--	<0.44	--	<0.57	--	--	7.6	--	--	14.1	<0.44	--	5.2	<0.30
	02/28/01	<1.5	--	<0.44	--	<0.57	--	--	<1.2	--	--	1.2j	<0.44	--	2.1	<0.30
	08/29/01	<1.5	--	(0.75j)	--	<0.57	--	--	2.5j	--	--	10.2	<0.44	--	4.5	<0.30
	02/04/05	--	--	<0.44	--	<0.57	--	--	--	--	--	<1.25	<0.44	--	<1.48	<0.30
	11/10/05	--	--	<0.44	--	<0.57	--	--	--	--	--	<1.25	<0.44	--	<1.48	<0.30
	02/14/06	--	--	5.3	--	<1.1	--	--	6.3	--	--	18	<0.88	--	15	<0.60
NR 140.10 PAL		1.5	200	0.5	90	140	NS	NS	8	NS	NS	96	200	NS	1,000	12
NR 140.10 ES		15	1,000	5	460	700	NS	NS	40	NS	NS	480	1,000	NS	10,000	60

NOTES:

VOCs: Volatile organic compounds
PVOCs: Petroleum volatile organic compounds
sec-BuBz: sec-Butylbenzene
E-Benzene: Ethylbenzene
IPBz: Isopropylbenzene
p-IPT: p-Isopropyltoluene
Napht: Naphthalene
n-PBz: n-Propylbenzene
j: Result detected between the laboratory method limit of detection and limit of quantitation
Results indicated in blue/parentheses exceed the WAC NR 140.10 PAL
Results indicated in red/underlined exceed the WAC NR 140.10 ES

4-Me-2-Pent: 4-Methyl-2-Pentanone
TMBs: 1,2,4 & 1,3,5-Trimethylbenzene
MTBE: Methyl t-butyl ether
ug/L: Micrograms per liter; equivalent to parts per billion (ppb)
NS: No Established Standard
--: Not Analyzed
NR: Natural Resources Chapter of the Wisconsin Administrative Code (WAC)
PAL: WAC NR 140.10 Preventive Action Limit
ES: WAC NR 140.10 Enforcement Standard

TABLE 4
GROUNDWATER ANALYTICAL RESULTS

Former 2636 West State Street and 2622-26 West State Street
Milwaukee, Wisconsin
Project No. 1E-9907009

Sample Location	Sample Date	Lead (ug/L)	Detected VOCs/PVOCs (ug/L)													
			Acetone	Benzene	MEK	E-Benzene	IPBz	n-PBz	Napht	p-IPT	4-Me-2-Pent	TMBs	Toluene	sec-BuBz	Xylenes	MTBE
MW4	03/02/00	<1.5	4.9j	<0.19	<1.4	<0.16	<0.16	<0.25	<0.46	<0.18	2.8	<0.52	<0.33	<0.3	<0.54	<0.21
	06/20/00	--	--	(3.8)	--	<0.66	--	--	<1.2	--	--	<1.34	0.84j	--	<2.01	1.7
	10/27/00	--	--	<0.44	--	<0.57	--	--	2.4j	--	--	<1.25	<0.44	--	<1.48	<0.30
	02/28/01	--	--	<0.44	--	<0.57	--	--	<1.2	--	--	<1.25	<0.44	--	1.0j	<0.30
	08/29/01	<1.5		<0.44	--	<0.57	--	--	<1.2	--	--	1.2j	<0.44	--	<1.48	<0.30
	02/07/05	--	--	<0.44	--	<0.57	--	--	--	--	--	<1.25	<0.44	--	<1.48	<0.30
	11/10/05	--	--	<0.44	--	<0.57	--	--	--	--	--	11.3	<0.44	--	17.2	<0.30
	02/14/06	--	--	<0.44	--	<0.57	--	--	<1.2	--	--	<1.25	<0.44	--	<1.48	<0.30
MW5	03/02/00	<1.5	<78	22j	<69	2,250	122	362	760	13j	<42	4,398	27j	20j	12,670	<11
	06/20/00	--	--	12j	--	1,960	--	--	979	--	--	5,148	<17	--	(9,403)	<8.8
	10/27/00	--	--	<0.44	--	28	--	--	(14)	--	--	79	<0.44	--	125.5	<0.30
	02/28/01	--	--	(0.97j)	--	25	--	--	(8.3)	--	--	10	<0.44	--	107.7	<0.30
	08/29/01	<1.5		101	--	746	--	--	284	--	--	878	11	--	(1,259)	<1.5
	02/04/05	--	--	74	--	(313)	--	--	--	--	--	898	8.4	--	833	<1.2
	11/10/05	--	--	110	--	(475)	--	--	--	--	--	1,427	6.9	--	(1,388)	<3.0
	02/14/06	--	--	57	--	(584)	--	--	275	--	--	1,951	<8.8	--	(2,296)	<6.0
MW6	03/02/00	(8.3)	<52	563	<46	1,550	54	117	197	7.7j	<28	983	(449)	<10	(5,154)	<7.0
	06/20/00	--	--	347	--	722	--	--	85	--	--	(449)	(252)	--	(2,231)	<8.8
	10/27/00	--	--	5.8	--	13	--	--	<1.2	--	--	1.1j	3.2	--	35.3	<0.30
	02/28/01	--	--	<0.44	--	1.2j	--	--	<1.2	--	--	<1.25	<0.44	--	5.3	<0.30
	08/29/01	<1.5	--	356	--	(535)	--	--	50	--	--	(208)	110	--	1.1j	<0.30
	02/04/05	--	--	105	--	(205)	--	--	--	--	--	(96)	32	--	<1.48	<0.30
	11/10/05	--	--	91	--	(377)	--	--	--	--	--	(172)	46	--	888	<0.30
	02/14/06	--	--	56	--	(145)	--	--	(13)	--	--	73	20	--	356	<6.0
MW7	11/10/05	--	--	<0.54	<2.8	1.5j	<0.66	2.4	6.10	<0.62	8.9	26	<0.58	<0.68	4.0	<0.78
	02/14/06	--	--	67	--	(642)	--	--	136	--	--	970	104	--	(2,675)	<6.0
MW8	11/10/05	--	--	499	<28	3,450	334	889	1,120	161	1,360	6,530	(481)	<6.8	14,933	<7.8
	02/14/06	--	--	9.3	--	4.1	--	--	2.7	--	--	2.7	<0.44	--	3.3	<0.30
NR 140.10 PAL		1.5	200	0.5	90	140	NS	NS	8	NS	NS	96	200	NS	1,000	12
NR 140.10 ES		15	1,000	5	460	700	NS	NS	40	NS	NS	480	1,000	NS	10,000	60

NOTES:

VOCs: Volatile organic compounds
PVOCs: Petroleum volatile organic compounds
sec-BuBz: sec-Butylbenzene
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Napht: Naphthalene
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Results indicated in blue/parentheses exceed the WAC NR 140.10 PAL
Results indicated in red/underlined exceed the WAC NR 140.10 ES

4-Me-2-Pent: 4-Methyl-2-Pentanone
TMBs: 1,2,4 & 1,3,5-Trimethylbenzene
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ug/L: Micrograms per liter; equivalent to parts per billion (ppb)
NS: No Established Standard
--: Not Analyzed
NR: Natural Resources Chapter of the Wisconsin Administrative Code (WAC)
PAL: WAC NR 140.10 Preventive Action Limit
ES: WAC NR 140.10 Enforcement Standard

TABLE 4
GROUNDWATER ANALYTICAL RESULTS

Former 2636 West State Street and 2622-26 West State Street
Milwaukee, Wisconsin
Project No. 1E-9907009

Analyte	Sample Location			NR 140.10 PAL	NR 140.10 ES
	MW3				
Date Sampled	02/28/01	11/10/05	02/14/06		
DRO (ug/L)	6,480	--	--	NS	NS
Cadmium (ug/L)	<0.4	--	--	0.5	5
Detected PAHs (ug/L)					
Pyrene	0.43	--	--	50	250
Detected PCBs (ug/L)					
Aroclor 1260	**210**	<0.16	<0.16	0.003	0.03

NOTES:

DRO: Diesel Range Organics
PAHs: Polynuclear Aromatic Hydrocarbons
PCBs: Polychlorinated Biphenyls
WAC: Wisconsin Administrative Code
NS: No Established Standard
NR: Natural Resources Chapter of the WAC
ug/L: Micrograms per liter; equivalent to parts per billion (ppb)
PAL: WAC NR 140 Preventive Action Limit
ES: WAC NR 140 Enforcement Standard
Results indicated in red/underlined exceed the WAC NR 140.10 ES

TABLE 5
NATURAL ATTENUATION PARAMETERS SUMMARY

Former 2636 West State Street and 2622-2626 West State Street
Milwaukee, Wisconsin
Project No. 1E-9907009

Sample Location	Date	Temperature (°C) (Field)	Conductivity (us/cm) (Field)	pH (Field)	ORP (mV) (Field)	Dissolved Oxygen (mg/L) (Field)	Dissolved Iron (mg/L) (Field/200.7)	Dissolved Manganese (mg/L) (200.7)	Dissolved Nitrate (mg/L) (353.3)	Dissolved Sulfate (mg/L) (375.4)	Dissolved Methane (ug/L) (ECCS-1)
MW1	3/1/2000	11.27	880	7.84	217	9.42	--	--	--	--	--
	6/20/2000	11.12	1128	7.43	373	0.43	0.48	0.04	2.2	83	<0.5
	10/27/2000	14.94	968	7.85	346	1.71	2.7	--	--	--	5.8
	2/28/2001	8.29	1020	7.00	456	0.95	--	--	--	--	<0.5
	8/29/2001	13.75	819	7.07	575	0.33	--	--	--	--	<0.50
	2/4/2005	9.36	622	8.45	430	1.36	--	--	--	--	--
	11/10/2005	15.90	990	8.70	264	2.57	--	--	--	--	--
	2/14/2006	12.96	879	7.58	248	1.33	--	--	--	--	--
MW2	3/1/2000	15.28	5107	7.28	240	5.83	--	--	--	--	--
	6/20/2000	14.92	7342	6.82	408	0.93	3.9	0.46	0.15	282	5.7
	10/27/2000	16.60	5254	7.05	393	0.55	2.7	--	--	--	9.4
	2/28/2001	14.38	7741	6.31	486	0.43	--	--	--	--	4
	8/29/2001	15.73	4642	6.48	614	0.47	--	--	--	--	2.7
	2/4/2005	13.42	2542	7.54	500	0.54	--	--	--	--	--
	11/10/2005	17.20	5247	7.87	167	0.30	--	--	--	--	--
	2/14/2006	14.87	3524	7.24	179	0.55	--	--	--	--	--
MW3	3/1/2000	--	--	--	--	--	--	--	--	--	--
	6/20/2000	12.03	1467	7.27	392	0.51	0.26	0.41	<0.03	<10	260
	10/27/2000	14.62	1916	7.53	361	0.43	0.24	--	--	--	480
	2/28/2001	9.80	1534	7.19	514	0.82	--	--	--	--	760
	8/29/2001	--	--	--	--	--	--	--	--	--	440
	2/4/2005	10.91	1356	7.73	272	0.26	--	--	--	--	--
	11/10/2005	17.18	1544	7.24	122	0.31	--	--	--	--	--
	2/14/2006	8.84	1593	6.83	131	0.27	--	--	--	--	--
MW4	3/1/2000	11.63	4188	7.72	238	4.64	--	--	--	--	--
	6/20/2000	11.44	6418	6.98	407	0.30	1.8	0.43	<0.03	348	0.71
	10/27/2000	14.49	3077	7.42	371	0.99	1.4	--	--	--	54
	2/28/2001	9.21	7592	6.46	487	0.46	--	--	--	--	33
	8/29/2001	15.26	3766	6.62	597	0.36	--	--	--	--	38
	2/4/2005	11.84	6180	6.91	531	0.37	--	--	--	--	--
	11/10/2005	17.21	6570	7.61	209	0.33	--	--	--	--	--
	2/14/2006	12.01	3695	7.04	293	2.25	--	--	--	--	--
MW5	3/1/2000	8.74	1454	7.49	226	4.28	--	--	--	--	--
	6/20/2000	11.41	4062	7.15	386	0.57	0.54	0.2	<0.03	<10	590
	10/27/2000	15.08	2605	7.42	368	0.24	0.33	--	--	--	350
	2/28/2001	9.36	7985	6.32	498	0.46	--	--	--	--	890
	8/29/2001	15.13	5511	6.53	601	0.22	--	--	--	--	340
	2/4/2005	10.92	3451	7.43	287	0.30	--	--	--	--	--
	11/10/2005	16.23	4875	7.15	119	0.27	--	--	--	--	--
	2/14/2006	11.45	2406	6.90	156	0.52	--	--	--	--	--
MW6	3/1/2000	11.16	1909	7.39	233	2.03	--	--	--	--	--
	6/20/2000	10.75	1306	7.22	360	3.72	0.57	0.16	<0.03	33	3,100
	10/27/2000	13.92	1261	7.45	359	0.99	0.65	--	--	--	700
	2/28/2001	8.42	1281	6.82	505	5.39	--	--	--	--	9.7
	8/29/2001	13.02	1334	7.21	556	2.05	--	--	--	--	5,000
	2/4/2005	11.30	1366	7.80	313	0.40	--	--	--	--	--
	11/10/2005	14.74	1297	7.54	154	1.09	--	--	--	--	--
	2/14/2006	12.18	1194	7.30	303	5.62	--	--	--	--	--
MW7	11/10/2005	15.66	2114	7.59	181	0.24	--	--	--	--	--
	2/14/2006	13.17	2052	7.21	294	0.88	--	--	--	--	--
MW8	11/10/2005	15.51	3375	7.48	195	0.27	--	--	--	--	--
	2/14/2006	12.13	3841	6.72	200	0.27	--	--	--	--	--

NOTES:

C: Degrees Celcius
us/cm: Microsiemens per centimeter
ORP: Oxidation reduction potential
mV: Millivolts
mg/L: Milligrams per liter
--: Not Measured / Not Analyzed
(200.7): Method

RECORD OF SUBSURFACE EXPLORATION

BORING NO. & LOCATION:	PROJECT:
MW - 7	
SURFACE ELEVATION:	PROJECT LOCATION:
98.8	2636 West State Street
COMPLETION DATE:	
10/25/05	Milwaukee, Wisconsin
FIELD REPRESENTATIVE:	
Greg Roanhouse	GILES PROJECT NUMBER: 1E-9907009

GILES ENGINEERING ASSOCIATES, INC.

Milwaukee Atlanta
Dallas Washington, D.C.
Los Angeles Orlando Tampa

MATERIAL DESCRIPTION	Feet Below Surface	Sample No. & Type	N	q_u (tsf)	q_p (tsf)	q_s (tsf)	W (%)	PID	NOTES
4"± Topsoil		1-SS	10				14	BDL	
Brown Clayey Silt, some fine to coarse Sand and fine to coarse Gravel (Fill)-Moist		2-SS	11				12	BDL	
Brown Clayey Silt, some fine to coarse Sand and fine to coarse Gravel, some rubble (brick, concrete) (Fill)-Moist	5	3-SS	10				17	BDL	
Brown-Gray Clayey Silt, little fine to medium Sand-Moist		4-SS	14				18	BDL	
		5-SS	12				1	BDL	(a)
Gray Silty Clay, some fine to medium Sand (with odor at 12± feet)-Moist to Wet at 15± feet	10	6-SS	6				24	BDL	
		7-SS	11				24	1453	
	▽ 15	8-SS	12				24	775	
		9-SS	11				24	682	
		10-SS	13				24	36.2	
	20								
Boring terminated at 20 feet									

PID: Results of volatile vapor scan conducted on collected soil samples utilizing a Photoionization Detector (PID) equipped with an 10.6 eV lamp calibrated to a Benzene standard. Results expressed in instrument-units. BDL = Below Detection Limit

WATER OBSERVATION DATA	REMARKS
▽ WATER ENCOUNTERED DURING DRILLING: 15 ft.	(a) Soil sample submittted for VOC analysis.
▼ WATER LEVEL AFTER REMOVAL: None	NOTE: A groundwater monitoring well was installed at the completion of drilling. Bottom of well set at 20± feet with 15-foot screen and 15 feet of riser.
CAVE DEPTH AFTER REMOVAL: None	
▼ WATER LEVEL AFTER HOURS:	SS = Split-spoon sample
CAVE DEPTH AFTER HOURS:	

SUBSURFACE EXPLORATION LOGS E9907009.GPJ GIL_CORP.GDT 3/22/06

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between test borings. Location of the boring is shown on the Boring Location Plan.

RECORD OF SUBSURFACE EXPLORATION

BORING NO. & LOCATION:	PROJECT:
MW - 8	
SURFACE ELEVATION:	PROJECT LOCATION:
98.8	2636 West State Street
COMPLETION DATE:	
10/25/05	Milwaukee, Wisconsin
FIELD REPRESENTATIVE:	
Greg Roanhouse	GILES PROJECT NUMBER: 1E-9907009

GILES ENGINEERING ASSOCIATES, INC.
Milwaukee Atlanta
Dallas Washington, D.C.
Los Angeles Orlando Tampa

MATERIAL DESCRIPTION	Feet Below Surface	Sample No. & Type	N	q_u (tsf)	q_p (tsf)	q_s (tsf)	w (%)	PID	NOTES
4"± Topsoil		1-SS	12				12	BDL	
Brown-Black Clayey Silt, some fine to coarse Sand, trace asphalt (Fill)-Moist		2-SS	8				24	BDL	
Light Brown-Gray Clayey Silt, little fine to medium Sand-Moist	5	3-SS	10				24	BDL	
Brown-Black fine to coarse Sand, some Clayey Silt (with odor)-Moist		4-SS	16				24	941	
Brown-Black fine to coarse Sand and fine to coarse Gravel-Moist		5-SS	18				12	1942	(a)
Brown-Gray Clayey Silt, some fine to coarse Sand-Moist	10	6-SS	18				24	62	
Gray Clayey Silt, some fine to medium Sand-Moist		7-SS	13				19	16	
	15	8-SS	13				24	4	
		9-SS	24				24	2	
Gray Silty Clay, little fine to medium Sand-Moist		10-SS	11					6	
Boring terminated at 20 feet	20								

PID: Results of volatile vapor scan conducted on collected soil samples utilizing a Photoionization Detector (PID) equipped with an 10.6 eV lamp calibrated to a Benzene standard. Results expressed in instrument-units. BDL = Below Detection Limit

	WATER OBSERVATION DATA
▽	WATER ENCOUNTERED DURING DRILLING:
▼	WATER LEVEL AFTER REMOVAL:
	CAVE DEPTH AFTER REMOVAL:
▼	WATER LEVEL AFTER HOURS:
	CAVE DEPTH AFTER HOURS:

REMARKS

(a) Soil sample submittted for VOC analysis.

NOTE: A groundwater monitoring well was installed at the completion of drilling. Bottom of well set at 20± feet with 15-foot screen and 15 feet of riser.

SS = Split-spoon sample

SUBSURFACE EXPLORATION LOGS E9907009.GPJ GIL_CORP.GDT 3/22/06

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between test borings. Location of the boring is shown on the Boring Location Plan.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name 2622-26 West State Street	Local Grid Location of Well ☐ N. ☐ S. _____ ft. ☐ E. ☐ W. _____ ft.	Well Name MW-7
Facility License, Permit or Monitoring No.	Local Grid Origin [X] (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. PP347
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed 10 / 25 / 05 (m m d d y y y y)
Type of Well Well Code 11 / mw	Section Location of Waste/Source SW 1/4 of NW 1/4 of Sec. 30 T. 7 N, R. 21 [X] E ☐ W	Well Installed By: Name (first, last) and Firm Beauford Jones Giles Engineering Associates, Inc.
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL [X] CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes [X] No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger [X] 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☐ 99

16. Drilling additives used? ☐ Yes [X] No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 3 ft.

G. Filter pack, top _____ ft. MSL or 4 ft.

H. Screen joint, top _____ ft. MSL or 5 ft.

I. Well bottom _____ ft. MSL or 20 ft.

J. Filter pack, bottom _____ ft. MSL or 20 ft.

K. Borehole, bottom _____ ft. MSL or 20 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2 in.

1. Cap and lock? [X] Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 9 in.
b. Length: 1 ft.
c. Material: Steel [X] 04
Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30
Concrete [X] 01
Other ☐ _____

4. Material between well casing and protective pipe:
Bentonite [X] 30
Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity [X] 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. [X] 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. 1 _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint #15
b. Volume added 1 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint
b. Volume added 9 ft^3

9. Well casing: Flush threaded PVC schedule 40 [X] 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐ _____

10. Screen material: PVC _____
a. Screen type: Factory cut [X] 11
Continuous slot ☐ 01
Other ☐ _____
b. Manufacturer Timco
c. Slot size: 0.1 in.
d. Slotted length: 15 ft.

11. Backfill material (below filter pack): None [X] 14
Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
	Giles Engineering Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment [X] Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: 2622-26 West State Street	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: MW-8
Facility License, Permit or Monitoring No.	Local Grid Origin [X] (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: PP348 / DNR Well ID No.:
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 10 / 25 / 05 (m m d d y y y y)
Type of Well: Well Code 11 / mw	Section Location of Waste/Source: SW 1/4 of NW 1/4 of Sec. 30 T. 7 N, R. 21 [X] E ☐ W	Well Installed By: Name (first, last) and Firm: Beauford Jones; Giles Engineering Associates, Inc.
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number:

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL [X] CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes [X] No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger [X] 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None [X] 99

16. Drilling additives used? ☐ Yes [X] No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 3 ft.

G. Filter pack, top _____ ft. MSL or 4 ft.

H. Screen joint, top _____ ft. MSL or 5 ft.

I. Well bottom _____ ft. MSL or 20 ft.

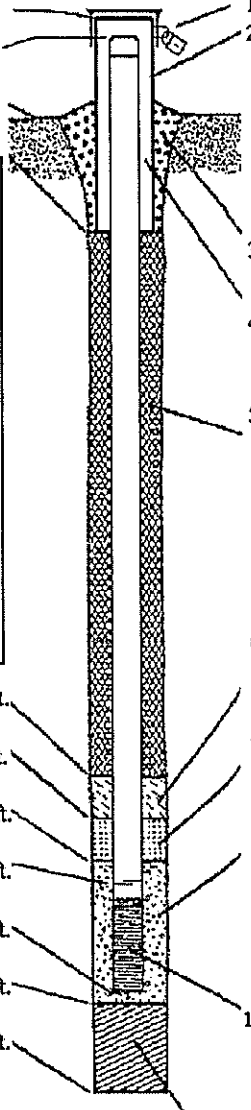
J. Filter pack, bottom _____ ft. MSL or 20 ft.

K. Borehole, bottom _____ ft. MSL or 20 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2 in.



1. Cap and lock? [X] Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 9 in.
b. Length: 1 ft.
c. Material: Steel [X] 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete [X] 01 / Other ☐ _____

4. Material between well casing and protective pipe: Bentonite [X] 30 / Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity [X] 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. [X] 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. 1 _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint #15
b. Volume added 1 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint
b. Volume added 10 ft^3

9. Well casing: Flush threaded PVC schedule 40 [X] 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____

10. Screen material: PVC _____
a. Screen type: Factory cut [X] 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer Timco
c. Slot size: 0.1 in.
d. Slotted length: 15 ft.

11. Backfill material (below filter pack): None [X] 14 / Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
	Giles Engineering Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
2622-26 West State Street	MILWAUKEE	MW-7
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well ID Number**
	41	PP347 /

1. Can this well be purged dry? [X] Yes ☐ No

2. Well development method

surged with bailer and bailed	[X]	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 55 min.

4. Depth of well (from top of well casisng) 19.8 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing ____ gal.

7. Volume of water removed from well 20 ____ gal.

8. Volume of water added (if any) ____ gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes X No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 10.7 ft.	19.01 ft.
Date	b. 10 / 31 / 05 (m m / d d / y y y y)	10 / 31 / 05 (m m / d d / y y y y)
Time	c. 10 : 00 [X] a.m. ☐ p.m.	10 : 55 [X] a.m. ☐ p.m.
12. Sediment in well bottom	____ inches	____ inches
13. Water clarity	Clear ☐ 10 Turbid [X] 15 (Describe) Odor, Slight Sheen	Clear [X] 20 Turbid ☐ 25 (Describe) Odor, Slight Sheen
14. Total suspended solids	____ mg/l	____ mg/l
15. COD	____ mg/l	____ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Greg Last Name: Roanhouse
Firm: Giles Engineering Associates, Inc.

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Erika Last Name: Biemann
Facility/Firm: Giles Engineering Associates, Inc.
Street: N8 W22350 Johnson Drive
City/State/Zip: Waukesha WI 53186-

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: _____
Print Name: Greg Roanhouse
Firm: Giles Engineering Associates, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
2622-26 West State Street	MILWAUKEE	MW-8

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	PP348	

1. Can this well be purged dry? [X] Yes ☐ No

2. Well development method

surged with bailer and bailed	[X] 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well ____ min.

4. Depth of well (from top of well casisng) 20 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing ____ gal.

7. Volume of water removed from well 0.5 gal.

8. Volume of water added (if any) ____ gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes X No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 19.89 ft.	19.99 ft.
Date	b. 10 / 31 / 05 (m m d d y y y y)	10 / 31 / 05 (m m d d y y y y)
Time	c. 12 : 05 ☐ a.m. X p.m.	01 : 00 ☐ a.m. X p.m.
12. Sediment in well bottom	____ inches	____ inches
13. Water clarity	Clear [X] 10 Turbid ☐ 15	Clear [X] 20 Turbid ☐ 25
(Describe)	Odor	Odor
	Sheen	Slight Sheen

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	____ mg/l	____ mg/l
15. COD	____ mg/l	____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Greg Last Name: Roanhouse
Firm: Giles Engineering Associates, Inc.

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Erika Last Name: Biemann
Facility/Firm: Giles Engineering Associates, Inc.
Street: N8 W22350 Johnson Drive
City/State/Zip: Waukesha WI 53186-

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: _____
Print Name: Greg Roanhouse
Firm: Giles Engineering Associates, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

WM0091

CAMBRIDGE BUSINESS FORMS, INC. • (847) 519-1800

DRIVER: (PLEASE SIGN BELOW)

ORIGINAL

DRIVER SIGN HERE

LOCATION

REFERENCE NO. 877498 11/07/2005

COMMENTS

Orchard Ridge ROF
W124 N7355 Boundary Road
Menomonee Falls, WI 53051
262-253-8420 FAX: 262-253-1322

CUSTOMER NO. 0002744

TRUCK NO. 622

CUSTOMER

LOAD CODE TFS

LOAD DESCRIPTION TRANSPORTATION CHARGE

LOAD QUANTITY

AMOUNT

PROFILE NO. BI0487395

MANIFEST NO.

PERMIT NO. 718915

ORCHARD RIDGE

SPECIAL WASTE MANIFEST DISPOSAL TICKET ____ 718915

WM A Waste Management Company

BILL TO: City of Milwaukee #2366

TRANSPORTER: Waste Management

GENERATOR: City of Milwaukee

2622 - 26 West State Street
Milwaukee, WI

NE Corner of North 27th & West Sta

GENERATORS SIGNATURE: _____ / ____ / ____ Date

WASTE DESCRIPTION: Contaminated Soil

PROFILE # BI0487395

ACCEPTED BY: _____ 11/7/05 Date

DRIVERS SIGNATURE: Fred Bruce 11/7/05 Date TRUCK NO. 602546 (3 Drums) ~~TONS/YARDS~~

WHITE & YELLOW - GENERATOR COPY / PINK - DISPOSAL SITE COPY / GOLD - TRANSPORTER COPY

DCE-009-94

This Memorandum is intended solely for filing or record.

Shipper's #

Carrier

Agent's No.

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading.

at National Tank Service of Wisconsin from C.L.S. Engineering Associates Inc.

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained. Including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee – For purposes of notification only.)

Consigned to

Destination 1913 S 73rd St. (Street) West Allis (City) State of WI Zip Code 53214 County of Milwaukee

Routing Delivering Carrier Vehicle or Car Initial No.

Collect On Delivery

$ and remit to:

Street City State

C. O. D. charge to be paid by { Shipper ☐ Consignee ☐

No. Packages	Description of Articles, Special Marks, and Exceptions	*Weight (Sub. to Cor.)	Class or Rate	Check Column
1	55gallon Drum Purge Water From: 2/14/06 2636 State St. Milwaukee WI	50gallons		

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statements:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor.)

If charges are to be prepaid, write or stamp here, "TO BE PREPAID."

Received $ to apply to prepayment of the charges on the property described hereon.

Agent or Cashier

Per
(the signature here acknowledges only the amount Prepaid.)

Charges Advanced:

$

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight." NOTE – Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

Shipper, Per Agent, Per

Permanent post-office address of shipper,

3

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

This Memorandum is intended solely for filing or record.

Shipper's #

Carrier

Agent's No.

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading,

at N. Environmental Tank Service of Wisconsin from Ilos Engineering Associates, Inc

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee—For purposes of notification only.)

Consigned to

Destination 1813 S. 73rd St. (Street) West Allis (City) State of WI Zip Code 53214 County of Milwaukee

Routing Delivering Carrier Vehicle or Car Initial No.

Collect On Delivery

$ and remit to:

Street City State

C. O. D. charge to be paid by { Shipper ☐ Consignee ☐

No. Packages	Description of Articles, Special Marks, and Exceptions	*Weight (Sub. to Cor.)	Class or Rate	Check Column
1	55 gallon Drum - Purge Water	400 gallons		
	From: 2636 W. State Street Milwaukee, Wisconsin 11/10/05 Ilos Roadhouse			

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statements:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor.)

If charges are to be prepaid, write or stamp here, "TO BE PREPAID."

Received $ to apply to prepayment of the charges on the property described hereon.

Agent or Cashier

Per (the signature here acknowledges only the amount Prepaid.)

Charges Advanced:

$

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight." NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

Shipper, Per Agent, Per

Permanent post-office address of shipper.

3

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

Giles Engineering Associates, Inc.

CHAIN-OF-CUSTODY 20051648

Site 2622-26 West State Street Milwaukee, Wisconsin

- ☒ N8 W22350 Johnson Road Suite A1, Waukesha, WI 53186 — tel: 414-544-0118 — fax: 414-549-5868
- ☐ 4875 East La Palma Avenue, Suite 607, Anaheim, CA 92807 — tel: 714-779-0052 — fax: 714-779-0068
- ☐ 8300 Guilford Road, Suite F1, Columbia, MD 21046 — tel: 410-312-9950 — fax: 410-312-9955
- ☐ 10722 North Stemmons Freeway, Dallas, TX 75220 — tel: 214-358-5885 — fax: 214-358-5884
- ☐ 2830 Agriculture Drive, Madison, WI 53718 — tel: 608-223-1853 — fax: 608-223-1854
- ☐ 3990 Flowers Road, Suite 530, Atlanta, GA,30360 — tel. 770-458-3399 — fax: 770-458-3998

- ☐ closure sample
- ☐ confirmation required (NR720)
- ☐ RUSH

POSSIBLE HAZARDS: _____

Sample Collector: Greg Roanhouse	Project Manager: Erika Biemann	Project Number: IE-9907009	
Laboratory Used: APL	Lab Contact: Tim McGuire	Lab Job Number:	

Analysis Required

Sample Description	(Sample Depth)	Sample Matrix (Soil, Water, etc.)	Date Collected	Time Collected	Field Screen	GRO	DRO	VOC	PVOC	BTEX	Number and Type of Containers	Sample Preservative	Due Date	Lab ID	Temp
MW-7	8-10	S	10/25/05	10:30 AM PM	BDL			X			1C, 1F	MeOH	STD	39873	0 F
MW-8	8-10	S	10/25/05	1:00 AM PM	1942			X			1C, 1F	MeOH	STD	39874	
Trip Blank				AM PM	—			X			1C	MeOH	STD	39875	V
				AM PM											
				AM PM											
				AM PM											
				AM PM											
				AM PM											
				AM PM											
				AM PM											
				AM PM											
				AM PM											

container code:
A = 8 oz/250 ml
B = 4 oz/ 120 ml
C = 2 oz/ 60 ml MeOH
D = 40 mL VOA vial
E = 1 L Amber
F = 250 mL plastic NoPr
G = poly bag
H = _____
I = _____
J = _____

Relinquished By	Date	Time	Received By
[signature]	10/25/05	920 AM PM	[signature]
[signature]	10/26/05	1230 AM PM	[signature]
		AM PM	
		AM PM	

INVOICE TO: Giles Engineering Associates, Inc.

☒ Send copy to Project Manager

REPORT TO: Giles Engineering Associates, Inc. Attn: Erika Biemann

☐ same ☐ PM

Page 1 of 1

forms.xls//COC 08/10/99

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

BATCH NUMBER: **20051648**
DATE REPORTED: 23-Nov-05
DATE RECEIVED: 26-Oct-05
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2622-26 West St

Sample Number: 39873
Sample ID: MW-7
QC Prep Batch Number: 1013611
% Solid = 85.4 %
Collection: 10/25/2005 Time: 10:30
Sample Description: 8-10

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,1,1,2-Tetrachloroethane	< 25	ug/kg	25	79	53		8260	998093910	/ 11/9/2005
1,1,1-Trichloroethane	< 31	ug/kg	31	99	53		8260	998093910	/ 11/9/2005
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	63	53		8260	998093910	/ 11/9/2005
1,1,2-Trichloroethane	< 29	ug/kg	29	91	53		8260	998093910	/ 11/9/2005
1,1-Dichloroethane	< 16	ug/kg	16	51	53		8260	998093910	/ 11/9/2005
1,1-Dichloroethene	< 46	ug/kg	46	146	53		8260	998093910	/ 11/9/2005
1,2,3-Trichlorobenzene	< 17	ug/kg	17	55	53		8260	998093910	/ 11/9/2005
1,2,4-Trichlorobenzene	< 15	ug/kg	15	47	53		8260	998093910	/ 11/9/2005
1,2,4-Trimethylbenzene	< 11	ug/kg	11	34	53		8260	998093910	/ 11/9/2005
1,2-Dibromo-3-chloropropane	< 68	ug/kg	68	217	53		8260	998093910	/ 11/9/2005
1,2-Dichlorobenzene	< 15	ug/kg	15	47	53		8260	998093910	/ 11/9/2005
1,2-Dichloroethane	< 32	ug/kg	32	103	53		8260	998093910	/ 11/9/2005
1,2-Dichloropropane	< 47	ug/kg	47	150	53		8260	998093910	/ 11/9/2005
1,3,5- Trimethylbenzene	< 14	ug/kg	14	43	53		8260	998093910	/ 11/9/2005
1,3-Dichlorobenzene	< 24	ug/kg	24	75	53		8260	998093910	/ 11/9/2005
1,3-Dichloropropane	< 17	ug/kg	17	55	53		8260	998093910	/ 11/9/2005
1,4-Dichlorobenzene	< 14	ug/kg	14	43	53		8260	998093910	/ 11/9/2005
2,2-Dichloropropane	< 35	ug/kg	35	111	53		8260	998093910	/ 11/9/2005
2-Chlorotoluene	< 15	ug/kg	15	47	53		8260	998093910	/ 11/9/2005
4-Chlorotoluene	< 20	ug/kg	20	63	53		8260	998093910	/ 11/9/2005
Benzene	< 20	ug/kg	20	63	53		8260	998093910	/ 11/9/2005
Bromobenzene	< 14	ug/kg	14	43	53		8260	998093910	/ 11/9/2005
Bromodichloromethane	< 24	ug/kg	24	75	53		8260	998093910	/ 11/9/2005
Bromoform	< 36	ug/kg	36	115	53		8260	998093910	/ 11/9/2005
Carbon tetrachloride	< 20	ug/kg	20	63	53		8260	998093910	/ 11/9/2005
Chlorobenzene	< 15	ug/kg	15	47	53		8260	998093910	/ 11/9/2005
Chlorodibromomethane	< 15	ug/kg	15	47	53		8260	998093910	/ 11/9/2005

ACCREDITED

Accredited by A2lA • ISO 9000 Compliant
Department of Natural Resources State Certified Laboratory #241340550

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

BATCH NUMBER: **20051648**
DATE REPORTED: 23-Nov-05
DATE RECEIVED: 26-Oct-05
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2622-26 West St

Chloroethane	< 36	ug/kg	36	115	53		8260	998093910	/ 11/9/2005
Chloroform	35	ug/kg	25	79	53	J	8260	998093910	/ 11/9/2005
Chloromethane	< 35	ug/kg	35	111	53		8260	998093910	/ 11/9/2005
cis-1.2-Dichloroethene	< 45	ug/kg	45	142	53		8260	998093910	/ 11/9/2005
Dichlorodifluoromethane	20	ug/kg	20	63	53	J	8260	998093910	/ 11/9/2005
Di-isopropyl ether	< 19	ug/kg	19	59	53		8260	998093910	/ 11/9/2005
EDB (1.2-Dibromoethane)	< 20	ug/kg	20	63	53		8260	998093910	/ 11/9/2005
Ethylbenzene	< 14	ug/kg	14	43	53		8260	998093910	/ 11/9/2005
Hexachlorobutadiene	< 22	ug/kg	22	71	53		8260	998093910	/ 11/9/2005
Isopropylbenzene	< 12	ug/kg	12	39	53		8260	998093910	/ 11/9/2005
Methyl tert-butyl ether	< 17	ug/kg	17	55	53		8260	998093910	/ 11/9/2005
Methylene chloride	< 37	ug/kg	37	118	53		8260	998093910	/ 11/9/2005
Naphthalene	< 25	ug/kg	25	79	53		8260	998093910	/ 11/9/2005
n-Butylbenzene	< 15	ug/kg	15	47	53		8260	998093910	/ 11/9/2005
n-Propylbenzene	< 25	ug/kg	25	79	53		8260	998093910	/ 11/9/2005
p-Isopropyltoluene	< 11	ug/kg	11	34	53		8260	998093910	/ 11/9/2005
sec-Butylbenzene	< 12	ug/kg	12	39	53		8260	998093910	/ 11/9/2005
tert-Butylbenzene	< 11	ug/kg	11	36	53		8260	998093910	/ 11/9/2005
Tetrachloroethene	< 15	ug/kg	15	47	53		8260	998093910	/ 11/9/2005
Toluene	< 74	ug/kg	74	237	53		8260	998093910	/ 11/9/2005
trans-1.2-Dichloroethene	< 42	ug/kg	42	134	53		8260	998093910	/ 11/9/2005
Trichloroethene	< 21	ug/kg	21	67	53		8260	998093910	/ 11/9/2005
Trichlorofluoromethane	< 17	ug/kg	17	55	53		8260	998093910	/ 11/9/2005
Vinyl chloride	< 17	ug/kg	17	55	53		8260	998093910	/ 11/9/2005
Xylene, Total	< 29	ug/kg	29	91	53		8260	998093910	/ 11/9/2005

Sample Number: 39874
Sample ID: MW-8

QC Prep Batch Number: 1013611
% Solid = 93 %

Collection: 10/25/2005 Time: 1:00
Sample Description: 8-10

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1.1.1.2-Tetrachloroethane	< 25	ug/kg	25	79	57.5		8260	998093910	/ 11/9/2005

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Department of Natural Resources State Certified Laboratory #241340550

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

BATCH NUMBER: **20051648**
DATE REPORTED: 23-Nov-05
DATE RECEIVED: 26-Oct-05
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2622-26 West St

1,1,1-Trichloroethane	< 31	ug/kg	31	98	57.5		8260	998093910	/ 11/9/2005
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	63	57.5		8260	998093910	/ 11/9/2005
1,1,2-Trichloroethane	< 28	ug/kg	28	90	57.5		8260	998093910	/ 11/9/2005
1,1-Dichloroethane	< 16	ug/kg	16	51	57.5		8260	998093910	/ 11/9/2005
1,1-Dichloroethene	< 46	ug/kg	46	146	57.5		8260	998093910	/ 11/9/2005
1,2,3-Trichlorobenzene	< 17	ug/kg	17	55	57.5		8260	998093910	/ 11/9/2005
1,2,4-Trichlorobenzene	< 15	ug/kg	15	47	57.5		8260	998093910	/ 11/9/2005
1,2,4-Trimethylbenzene	7530	ug/kg	11	33	57.5	E	8260	998093910	/ 11/9/2005
1,2-Dibromo-3-chloropropane	< 68	ug/kg	68	216	57.5		8260	998093910	/ 11/9/2005
1,2-Dichlorobenzene	< 15	ug/kg	15	47	57.5		8260	998093910	/ 11/9/2005
1,2-Dichloroethane	< 32	ug/kg	32	102	57.5		8260	998093910	/ 11/9/2005
1,2-Dichloropropane	< 47	ug/kg	47	150	57.5		8260	998093910	/ 11/9/2005
1,3,5- Trimethylbenzene	258	ug/kg	14	43	57.5		8260	998093910	/ 11/9/2005
1,3-Dichlorobenzene	< 23	ug/kg	23	75	57.5		8260	998093910	/ 11/9/2005
1,3-Dichloropropane	< 17	ug/kg	17	55	57.5		8260	998093910	/ 11/9/2005
1,4-Dichlorobenzene	< 14	ug/kg	14	43	57.5		8260	998093910	/ 11/9/2005
2,2-Dichloropropane	< 35	ug/kg	35	110	57.5		8260	998093910	/ 11/9/2005
2-Chlorotoluene	18	ug/kg	15	47	57.5	J	8260	998093910	/ 11/9/2005
4-Chlorotoluene	< 20	ug/kg	20	63	57.5		8260	998093910	/ 11/9/2005
Benzene	< 20	ug/kg	20	63	57.5		8260	998093910	/ 11/9/2005
Bromobenzene	< 14	ug/kg	14	43	57.5		8260	998093910	/ 11/9/2005
Bromodichloromethane	< 23	ug/kg	23	75	57.5		8260	998093910	/ 11/9/2005
Bromoform	< 36	ug/kg	36	114	57.5		8260	998093910	/ 11/9/2005
Carbon tetrachloride	< 20	ug/kg	20	63	57.5		8260	998093910	/ 11/9/2005
Chlorobenzene	< 15	ug/kg	15	47	57.5		8260	998093910	/ 11/9/2005
Chlorodibromomethane	< 15	ug/kg	15	47	57.5		8260	998093910	/ 11/9/2005
Chloroethane	< 36	ug/kg	36	114	57.5		8260	998093910	/ 11/9/2005
Chloroform	72	ug/kg	25	79	57.5	J	8260	998093910	/ 11/9/2005
Chloromethane	< 35	ug/kg	35	110	57.5		8260	998093910	/ 11/9/2005
cis-1,2-Dichloroethene	< 45	ug/kg	45	142	57.5		8260	998093910	/ 11/9/2005
Dichlorodifluoromethane	< 20	ug/kg	20	63	57.5		8260	998093910	/ 11/9/2005
Di-isopropyl ether	< 19	ug/kg	19	59	57.5		8260	998093910	/ 11/9/2005
EDB (1,2-Dibromoethane)	< 20	ug/kg	20	63	57.5		8260	998093910	/ 11/9/2005

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APL INC.
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ORGANIC REPORT

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

BATCH NUMBER: **20051648**
DATE REPORTED: 23-Nov-05
DATE RECEIVED: 26-Oct-05
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2622-26 West St

Ethylbenzene	183	ug/kg	14	43	57.5		8260	998093910	/ 11/9/2005
Hexachlorobutadiene	< 22	ug/kg	22	71	57.5		8260	998093910	/ 11/9/2005
Isopropylbenzene	699	ug/kg	12	39	57.5		8260	998093910	/ 11/9/2005
Methyl tert-butyl ether	< 17	ug/kg	17	55	57.5		8260	998093910	/ 11/9/2005
Methylene chloride	237	ug/kg	37	118	57.5		8260	998093910	/ 11/9/2005
Naphthalene	215	ug/kg	25	79	57.5		8260	998093910	/ 11/9/2005
n-Butylbenzene	2040	ug/kg	15	47	57.5		8260	998093910	/ 11/9/2005
n-Propylbenzene	3010	ug/kg	25	79	57.5		8260	998093910	/ 11/9/2005
p-Isopropyltoluene	1050	ug/kg	11	33	57.5		8260	998093910	/ 11/9/2005
sec-Butylbenzene	1720	ug/kg	12	39	57.5		8260	998093910	/ 11/9/2005
tert-Butylbenzene	13	ug/kg	11	35	57.5	J	8260	998093910	/ 11/9/2005
Tetrachloroethene	< 15	ug/kg	15	47	57.5		8260	998093910	/ 11/9/2005
Toluene	< 74	ug/kg	74	236	57.5		8260	998093910	/ 11/9/2005
trans-1,2-Dichloroethene	< 42	ug/kg	42	134	57.5		8260	998093910	/ 11/9/2005
Trichloroethene	< 21	ug/kg	21	67	57.5		8260	998093910	/ 11/9/2005
Trichlorofluoromethane	< 17	ug/kg	17	55	57.5		8260	998093910	/ 11/9/2005
Vinyl chloride	< 17	ug/kg	17	55	57.5		8260	998093910	/ 11/9/2005
Xylene, Total	2370	ug/kg	28	90	57.5		8260	998093910	/ 11/9/2005

Sample Number: 39875
Sample ID: Trip Blank

QC Prep Batch Number: 1013611
% Solid = 100 %

Collection: 10/25/2005 Time:
Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,1,1,2-Tetrachloroethane	< 20	ug/kg	20	64	50		8260	998093910	/ 11/9/2005
1,1,1-Trichloroethane	< 25	ug/kg	25	80	50		8260	998093910	/ 11/9/2005
1,1,2,2-Tetrachloroethane	< 16	ug/kg	16	51	50		8260	998093910	/ 11/9/2005
1,1,2-Trichloroethane	< 23	ug/kg	23	73	50		8260	998093910	/ 11/9/2005
1,1-Dichloroethane	< 13	ug/kg	13	41	50		8260	998093910	/ 11/9/2005
1,1-Dichloroethene	< 37	ug/kg	37	118	50		8260	998093910	/ 11/9/2005
1,2,3-Trichlorobenzene	< 14	ug/kg	14	45	50		8260	998093910	/ 11/9/2005
1,2,4-Trichlorobenzene	< 12	ug/kg	12	38	50		8260	998093910	/ 11/9/2005

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ORGANIC REPORT

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

BATCH NUMBER: **20051648**
DATE REPORTED: 23-Nov-05
DATE RECEIVED: 26-Oct-05
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2622-26 West St

1,2,4-Trimethylbenzene	< 8.500	ug/kg	8.500	27	50		8260	998093910	/ 11/9/2005
1,2-Dibromo-3-chloropropane	< 55	ug/kg	55	175	50		8260	998093910	/ 11/9/2005
1,2-Dichlorobenzene	< 12	ug/kg	12	38	50		8260	998093910	/ 11/9/2005
1,2-Dichloroethane	< 26	ug/kg	26	83	50		8260	998093910	/ 11/9/2005
1,2-Dichloropropane	< 38	ug/kg	38	121	50		8260	998093910	/ 11/9/2005
1,3,5- Trimethylbenzene	< 11	ug/kg	11	35	50		8260	998093910	/ 11/9/2005
1,3-Dichlorobenzene	< 19	ug/kg	19	60	50		8260	998093910	/ 11/9/2005
1,3-Dichloropropane	< 14	ug/kg	14	45	50		8260	998093910	/ 11/9/2005
1,4-Dichlorobenzene	< 11	ug/kg	11	35	50		8260	998093910	/ 11/9/2005
2,2-Dichloropropane	< 28	ug/kg	28	89	50		8260	998093910	/ 11/9/2005
2-Chlorotoluene	< 12	ug/kg	12	38	50		8260	998093910	/ 11/9/2005
4-Chlorotoluene	< 16	ug/kg	16	51	50		8260	998093910	/ 11/9/2005
Benzene	19	ug/kg	16	51	50	J	8260	998093910	/ 11/9/2005
Bromobenzene	< 11	ug/kg	11	35	50		8260	998093910	/ 11/9/2005
Bromodichloromethane	< 19	ug/kg	19	60	50		8260	998093910	/ 11/9/2005
Bromoform	< 29	ug/kg	29	92	50		8260	998093910	/ 11/9/2005
Carbon tetrachloride	< 16	ug/kg	16	51	50		8260	998093910	/ 11/9/2005
Chlorobenzene	< 12	ug/kg	12	38	50		8260	998093910	/ 11/9/2005
Chlorodibromomethane	< 12	ug/kg	12	38	50		8260	998093910	/ 11/9/2005
Chloroethane	< 29	ug/kg	29	92	50		8260	998093910	/ 11/9/2005
Chloroform	33	ug/kg	20	64	50	J	8260	998093910	/ 11/9/2005
Chloromethane	< 28	ug/kg	28	89	50		8260	998093910	/ 11/9/2005
cis-1,2-Dichloroethene	< 36	ug/kg	36	115	50		8260	998093910	/ 11/9/2005
Dichlorodifluoromethane	16	ug/kg	16	51	50	J	8260	998093910	/ 11/9/2005
Di-isopropyl ether	< 15	ug/kg	15	48	50		8260	998093910	/ 11/9/2005
EDB (1,2-Dibromoethane)	< 16	ug/kg	16	51	50		8260	998093910	/ 11/9/2005
Ethylbenzene	< 11	ug/kg	11	35	50		8260	998093910	/ 11/9/2005
Hexachlorobutadiene	< 18	ug/kg	18	57	50		8260	998093910	/ 11/9/2005
Isopropylbenzene	< 10	ug/kg	10	32	50		8260	998093910	/ 11/9/2005
Methyl tert-butyl ether	< 14	ug/kg	14	45	50		8260	998093910	/ 11/9/2005
Methylene chloride	130	ug/kg	30	95	50		8260	998093910	/ 11/9/2005
Naphthalene	20	ug/kg	20	64	50	J	8260	998093910	/ 11/9/2005
n-Butylbenzene	< 12	ug/kg	12	38	50		8260	998093910	/ 11/9/2005

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APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

BATCH NUMBER: **20051648**
DATE REPORTED: 23-Nov-05
DATE RECEIVED: 26-Oct-05
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2622-26 West St

n-Propylbenzene	< 20	ug/kg	20	64	50	8260	998093910	/ 11/9/2005
p-Isopropyltoluene	< 8.500	ug/kg	8.500	27	50	8260	998093910	/ 11/9/2005
sec-Butylbenzene	< 10	ug/kg	10	32	50	8260	998093910	/ 11/9/2005
tert-Butylbenzene	< 9.000	ug/kg	9.000	29	50	8260	998093910	/ 11/9/2005
Tetrachloroethene	< 12	ug/kg	12	38	50	8260	998093910	/ 11/9/2005
Toluene	< 60	ug/kg	60	191	50	8260	998093910	/ 11/9/2005
trans-1,2-Dichloroethene	< 34	ug/kg	34	108	50	8260	998093910	/ 11/9/2005
Trichloroethene	< 17	ug/kg	17	54	50	8260	998093910	/ 11/9/2005
Trichlorofluoromethane	< 14	ug/kg	14	45	50	8260	998093910	/ 11/9/2005
Vinyl chloride	< 14	ug/kg	14	45	50	8260	998093910	/ 11/9/2005
Xylene, Total	< 23	ug/kg	23	73	50	8260	998093910	/ 11/9/2005

Approved By: _____ **Date:** 11/23/05
Quality Control Manager

RQ Comment

E The concentration of this compound exceeds the calibration range for this specific analysis; value is an estimat

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B
LOQ = 10 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Stu "e" = Estimate value, over calibration range .
LOD = 3.143 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study
PAL: Preventive Action Limit, NR 140.10 Public health related groundwater standards. "ns" = not specified
RQ : Run Qualifier; "J" = Results between LOD and LOQ. "RR" = Re-extract Rerun sample, "B" = Showed in Blank sample

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

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Department of Natural Resources State Certified Laboratory #241340550

Giles Engineering Associates, Inc.

CHAIN-OF-CUSTODY 20051725

Site Vacant

Address 2636 W. State Street
Milwaukee, Wisconsin

☒ N8 W22350 Johnson Road Suite A1, Waukesha, WI 53186	tel: 414-544-0118	fax: 414-549-5868	
☐ 4875 East La Palma Avenue, Suite 607, Anaheim, CA 92807	tel: 714-779-0052	fax: 714-779-0068	☐ closure sample
☐ 8300 Guilford Road, Suite F1, Columbia, MD 21046	tel: 410-312-9950	fax: 410-312-9955	☐ confirmation required (NR720)
☐ 10722 North Stemmons Freeway, Dallas, TX 75220	tel: 214-358-5885	fax: 214-358-5884	☐ RUSH
☐ 2830 Agriculture Drive, Madison, WI 53718	tel: 608-223-1853	fax: 608-223-1854	
☐ 3990 Flowers Road, Suite 530, Atlanta, GA,30360	tel. 770-458-3399	fax: 770-458-3998	POSSIBLE HAZARDS:

Sample Collector	Greg Roanhouse	Project Manager	Erika Biemann	Project Number	IE-9907009
Laboratory Used	APL	Lab Contact	Tim McGuire	Lab Job Number	

Analysis Required

Sample Description	(Sample Depth)	Sample Matrix (Soil, Water, etc.)	Date Collected	Time Collected	Field Screen	GRO	DRO	VOC	PVOC	BTEX	PCB's	Number and Type of Containers	Sample Preservative	Due Date	Lab ID	Temp
MW-1	–	W	11/10/05	(AM) PM					X			2D	HCl	STD	40138	0.7
MW-2	–	W	11/10/05	(AM) PM					X			2D	HCl	STD	40139	
MW-3	–	W	11/10/05	AM (PM)					X		X	2D,1E	HCl	STD	40140	
MW-4	–	W	11/10/05	(AM) PM					X			2D	HCl	STD	40141	
MW-5	–	W	11/10/05	AM (PM)					X			2D	HCl	STD	40142	
MW-6	–	W	11/10/05	AM (PM)					X			2D	HCl	STD	40143	
MW-7	–	W	11/10/05	AM (PM)				X				2D	HCl	STD	40144	
MW-8	–	W	11/10/05	AM (PM)				X				2D	HCl	STD	40145	
TripBlank	–	W	11/10/05	AM (PM)				X				1D	HCl	STD	40146	
DUP-1	–	W	11/10/05	AM (PM)					X			2D	HCl	STD	40147	
				AM PM												
				AM PM												

container code:
A = 8 oz/250 ml
B = 4 oz/ 120 ml
C = 2 oz/ 60 ml
D = 40 mL VOA vial HCl
E = 1 L Amber No Pre
F = 250 mL plastic
G = poly bag
H = _____
I = _____
J = _____

Relinquished By	Date	Time	Received By
[signature]	11/10/05	915 (AM) PM	[signature]
[signature]	11/11/05	1200 AM (PM)	[signature]
		AM PM	
		AM PM	

INVOICE TO: ☒ Send copy to Project Manager
Giles Engineering Associates, Inc.

REPORT TO: ☐ same ☐ PM
Giles Engineering Associates, Inc.
Attn: Erika Biemann

Page 1 of 1

forms.xls//COC 08/10/99

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

BATCH NUMBER: **20051725**
DATE REPORTED: 06-Dec-05
DATE RECEIVED: 11-Nov-05
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2636 W. State Street

Sample Number: 40144
Sample ID: MW-7
Sample Description:

QC Prep Batch Number: 1013667

Collection: 11/10/2005 Time: 2:00

Matrix: Water

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,1,1,2-Tetrachloroethane	<0.440	ug/l	0.440	1.400	2		8260	qh	11/15/2005 / 11/15/2005
1,1,1-Trichloroethane	<0.620	ug/l	0.620	1.973	2		8260	qh	11/15/2005 / 11/15/2005
1,1,2,2-Tetrachloroethane	<0.880	ug/l	0.880	2.800	2		8260	qh	11/15/2005 / 11/15/2005
1,1,2-Trichloroethane	<0.880	ug/l	0.880	2.800	2		8260	qh	11/15/2005 / 11/15/2005
1,1-Dichloroethane	<0.640	ug/l	0.640	2.036	2	J3	8260	qh	11/15/2005 / 11/15/2005
1,1-Dichloroethene	<0.680	ug/l	0.680	2.164	2		8260	qh	11/15/2005 / 11/15/2005
1,1-Dichloropropene	<0.860	ug/l	0.860	2.736	2		8260	qh	11/15/2005 / 11/15/2005
1,2,3-Trichlorobenzene	<1.000	ug/l	1.000	3.182	2		8260	qh	11/15/2005 / 11/15/2005
1,2,3-Trichloropropane	<1.020	ug/l	1.020	3.245	2		8260	qh	11/15/2005 / 11/15/2005
1,2,4-Trichlorobenzene	<0.940	ug/l	0.940	2.991	2		8260	qh	11/15/2005 / 11/15/2005
1,2,4-Trimethylbenzene	21	ug/l	0.600	1.909	2		8260	qh	11/15/2005 / 11/15/2005
1,2-Dibromoethane	<0.920	ug/l	0.920	2.927	2		8260	qh	11/15/2005 / 11/15/2005
1,2-Dichlorobenzene	<0.680	ug/l	0.680	2.164	2		8260	qh	11/15/2005 / 11/15/2005
1,2-Dichloroethane	<0.700	ug/l	0.700	2.227	2		8260	qh	11/15/2005 / 11/15/2005
1,2-Dichloropropane	<0.640	ug/l	0.640	2.036	2		8260	qh	11/15/2005 / 11/15/2005
1,3,5-Trimethylbenzene	4.700	ug/l	0.680	2.164	2		8260	qh	11/15/2005 / 11/15/2005
1,3-Dichlorobenzene	<0.520	ug/l	0.520	1.654	2		8260	qh	11/15/2005 / 11/15/2005
1,3-Dichloropropane	<0.780	ug/l	0.780	2.482	2		8260	qh	11/15/2005 / 11/15/2005
1,4-Dichlorobenzene	<0.720	ug/l	0.720	2.291	2		8260	qh	11/15/2005 / 11/15/2005
12Dibromo-3-chloropropan	<0.660	ug/l	0.660	2.100	2		8260	qh	11/15/2005 / 11/15/2005
2,2-Dichloropropane	<0.540	ug/l	0.540	1.718	2		8260	qh	11/15/2005 / 11/15/2005
2-Butanone (MEK)	<2.760	ug/l	2.760	8.781	2		8260	qh	11/15/2005 / 11/15/2005
2-Chloroethyl Vinyl Ether	<1.400	ug/l	1.400	4.454	2		8260	qh	11/15/2005 / 11/15/2005
2-Chlorotoluene	<0.600	ug/l	0.600	1.909	2		8260	qh	11/15/2005 / 11/15/2005
4-Chlorotoluene	<0.520	ug/l	0.520	1.654	2		8260	qh	11/15/2005 / 11/15/2005
4-Methyl-2-Pentanone	8.900	ug/l	1.600	5.091	2		8260	qh	11/15/2005 / 11/15/2005
Benzene	<0.540	ug/l	0.540	1.718	2		8260	qh	11/15/2005 / 11/15/2005
Bromobenzene	<0.620	ug/l	0.620	1.973	2		8260	qh	11/15/2005 / 11/15/2005
Bromochloromethane	<0.740	ug/l	0.740	2.354	2		8260	qh	11/15/2005 / 11/15/2005
Bromodichloromethane	<0.760	ug/l	0.760	2.418	2		8260	qh	11/15/2005 / 11/15/2005

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APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
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ORGANIC REPORT

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

BATCH NUMBER: 20051725
DATE REPORTED: 06-Dec-05
DATE RECEIVED: 11-Nov-05
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2636 W. State Street

Bromoform	<0.780	ug/l	0.780	2.482	2		8260	qh	11/15/2005 /	11/15/2005
Bromomethane	<1.300	ug/l	1.300	4.136	2		8260	qh	11/15/2005 /	11/15/2005
Carbon tetrachloride	<0.540	ug/l	0.540	1.718	2		8260	qh	11/15/2005 /	11/15/2005
Chlorobenzene	<0.520	ug/l	0.520	1.654	2		8260	qh	11/15/2005 /	11/15/2005
Chloroethane	<1.280	ug/l	1.280	4.073	2		8260	qh	11/15/2005 /	11/15/2005
Chloroform	0.820	ug/l	0.480	1.527	2	J	8260	qh	11/15/2005 /	11/15/2005
Chloromethane	<0.980	ug/l	0.980	3.118	2	J4	8260	qh	11/15/2005 /	11/15/2005
cis-1,2-Dichloroethene	<0.540	ug/l	0.540	1.718	2		8260	qh	11/15/2005 /	11/15/2005
cis-1,3-Dichloropropene	<0.740	ug/l	0.740	2.354	2		8260	qh	11/15/2005 /	11/15/2005
Dibromochloromethane	<0.820	ug/l	0.820	2.609	2		8260	qh	11/15/2005 /	11/15/2005
Dibromomethane	<0.920	ug/l	0.920	2.927	2		8260	qh	11/15/2005 /	11/15/2005
Dichlorodifluoromethane	<0.540	ug/l	0.540	1.718	2		8260	qh	11/15/2005 /	11/15/2005
Ethylbenzene	1.460	ug/l	0.500	1.591	2	J	8260	qh	11/15/2005 /	11/15/2005
Hexachlorobutadiene	<0.840	ug/l	0.840	2.673	2		8260	qh	11/15/2005 /	11/15/2005
Isopropyl Ether	<0.600	ug/l	0.600	1.909	2		8260	qh	11/15/2005 /	11/15/2005
Isopropylbenzene	<0.660	ug/l	0.660	2.100	2		8260	qh	11/15/2005 /	11/15/2005
m&p-xylene	2.460	ug/l	1.060	3.373	2	J	8260	qh	11/15/2005 /	11/15/2005
Methylene chloride	<0.600	ug/l	0.600	1.909	2		8260	qh	11/15/2005 /	11/15/2005
Methyl-t-butyl ether	<0.780	ug/l	0.780	2.482	2		8260	qh	11/15/2005 /	11/15/2005
Naphthalene	6.120	ug/l	1.500	4.773	2		8260	qh	11/15/2005 /	11/15/2005
n-Butylbenzene	<0.720	ug/l	0.720	2.291	2		8260	qh	11/15/2005 /	11/15/2005
n-Propylbenzene	2.440	ug/l	0.560	1.782	2		8260	qh	11/15/2005 /	11/15/2005
o-xylene	1.500	ug/l	0.500	1.591	2	J	8260	qh	11/15/2005 /	11/15/2005
p-Isopropyltoluene	<0.620	ug/l	0.620	1.973	2		8260	qh	11/15/2005 /	11/15/2005
sec-Butylbenzene	<0.680	ug/l	0.680	2.164	2		8260	qh	11/15/2005 /	11/15/2005
Styrene	<0.500	ug/l	0.500	1.591	2		8260	qh	11/15/2005 /	11/15/2005
tert-Butylbenzene	<0.600	ug/l	0.600	1.909	2		8260	qh	11/15/2005 /	11/15/2005
Tetrachloroethene	<0.620	ug/l	0.620	1.973	2		8260	qh	11/15/2005 /	11/15/2005
Toluene	<0.580	ug/l	0.580	1.845	2		8260	qh	11/15/2005 /	11/15/2005
trans-1,2-Dichloroethene	<0.500	ug/l	0.500	1.591	2		8260	qh	11/15/2005 /	11/15/2005
trans-1,3-Dichloropropene	<0.520	ug/l	0.520	1.654	2		8260	qh	11/15/2005 /	11/15/2005
Trichloroethene	<0.680	ug/l	0.680	2.164	2		8260	qh	11/15/2005 /	11/15/2005
Trichlorofluoromethane	<0.480	ug/l	0.480	1.527	2		8260	qh	11/15/2005 /	11/15/2005
Vinyl chloride	<0.400	ug/l	0.400	1.273	2		8260	qh	11/15/2005 /	11/15/2005

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APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
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ORGANIC REPORT

BATCH NUMBER: **20051725**
DATE REPORTED: 06-Dec-05
DATE RECEIVED: 11-Nov-05
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2636 W. State Street

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

Sample Number: 40145
Sample ID: MW-8
Sample Description:

QC Prep Batch Number: 1013667

Collection: 11/10/2005 Time: 2:00

Matrix: Water

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,1,1,2-Tetrachloroethane	<4.400	ug/l	4.400	14	20		8260	qh	11/15/2005 / 11/15/2005
1,1,1-Trichloroethane	<6.200	ug/l	6.200	20	20		8260	qh	11/15/2005 / 11/15/2005
1,1,2,2-Tetrachloroethane	<8.800	ug/l	8.800	28	20		8260	qh	11/15/2005 / 11/15/2005
1,1,2-Trichloroethane	<8.800	ug/l	8.800	28	20		8260	qh	11/15/2005 / 11/15/2005
1,1-Dichloroethane	<6.400	ug/l	6.400	20	20	J3	8260	qh	11/15/2005 / 11/15/2005
1,1-Dichloroethene	<6.800	ug/l	6.800	22	20		8260	qh	11/15/2005 / 11/15/2005
1,1-Dichloropropene	<8.600	ug/l	8.600	27	20		8260	qh	11/15/2005 / 11/15/2005
1,2,3-Trichlorobenzene	<10	ug/l	10	32	20		8260	qh	11/15/2005 / 11/15/2005
1,2,3-Trichloropropane	<10	ug/l	10	32	20		8260	qh	11/15/2005 / 11/15/2005
1,2,4-Trichlorobenzene	<9.400	ug/l	9.400	30	20		8260	qh	11/15/2005 / 11/15/2005
1,2,4-Trimethylbenzene	5250	ug/l	6.000	19	20	E	8260	qh	11/15/2005 / 11/15/2005
1,2-Dibromoethane	<9.200	ug/l	9.200	29	20		8260	qh	11/15/2005 / 11/15/2005
1,2-Dichlorobenzene	<6.800	ug/l	6.800	22	20		8260	qh	11/15/2005 / 11/15/2005
1,2-Dichloroethane	<7.000	ug/l	7.000	22	20		8260	qh	11/15/2005 / 11/15/2005
1,2-Dichloropropane	13	ug/l	6.400	20	20	J	8260	qh	11/15/2005 / 11/15/2005
1,3,5-Trimethylbenzene	1280	ug/l	6.800	22	20		8260	qh	11/15/2005 / 11/15/2005
1,3-Dichlorobenzene	<5.200	ug/l	5.200	17	20		8260	qh	11/15/2005 / 11/15/2005
1,3-Dichloropropane	<7.800	ug/l	7.800	25	20		8260	qh	11/15/2005 / 11/15/2005
1,4-Dichlorobenzene	<7.200	ug/l	7.200	23	20		8260	qh	11/15/2005 / 11/15/2005
12Dibromo-3-chloropropan	<6.600	ug/l	6.600	21	20		8260	qh	11/15/2005 / 11/15/2005
2,2-Dichloropropane	<5.400	ug/l	5.400	17	20		8260	qh	11/15/2005 / 11/15/2005
2-Butanone (MEK)	<28	ug/l	28	88	20		8260	qh	11/15/2005 / 11/15/2005
2-Chloroethyl Vinyl Ether	<14	ug/l	14	45	20		8260	qh	11/15/2005 / 11/15/2005
2-Chlorotoluene	<6.000	ug/l	6.000	19	20		8260	qh	11/15/2005 / 11/15/2005
4-Chlorotoluene	<5.200	ug/l	5.200	17	20		8260	qh	11/15/2005 / 11/15/2005
4-Methyl-2-Pentanone	1360	ug/l	16	51	20		8260	qh	11/15/2005 / 11/15/2005
Benzene	499	ug/l	5.400	17	20		8260	qh	11/15/2005 / 11/15/2005
Bromobenzene	<6.200	ug/l	6.200	20	20		8260	qh	11/15/2005 / 11/15/2005
Bromochloromethane	<7.400	ug/l	7.400	24	20		8260	qh	11/15/2005 / 11/15/2005
Bromodichloromethane	<7.600	ug/l	7.600	24	20		8260	qh	11/15/2005 / 11/15/2005

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ORGANIC REPORT

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

BATCH NUMBER: **20051725**
DATE REPORTED: 06-Dec-05
DATE RECEIVED: 11-Nov-05
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2636 W. State Street

Bromoform	<7.800	ug/l	7.800	25	20		8260	qh	11/15/2005 / 11/15/2005
Bromomethane	<13	ug/l	13	41	20		8260	qh	11/15/2005 / 11/15/2005
Carbon tetrachloride	<5.400	ug/l	5.400	17	20		8260	qh	11/15/2005 / 11/15/2005
Chlorobenzene	<5.200	ug/l	5.200	17	20		8260	qh	11/15/2005 / 11/15/2005
Chloroethane	<13	ug/l	13	41	20		8260	qh	11/15/2005 / 11/15/2005
Chloroform	<4.800	ug/l	4.800	15	20		8260	qh	11/15/2005 / 11/15/2005
Chloromethane	<9.800	ug/l	9.800	31	20	J4	8260	qh	11/15/2005 / 11/15/2005
cis-1,2-Dichloroethene	<5.400	ug/l	5.400	17	20		8260	qh	11/15/2005 / 11/15/2005
cis-1,3-Dichloropropene	<7.400	ug/l	7.400	24	20		8260	qh	11/15/2005 / 11/15/2005
Dibromochloromethane	<8.200	ug/l	8.200	26	20		8260	qh	11/15/2005 / 11/15/2005
Dibromomethane	<9.200	ug/l	9.200	29	20		8260	qh	11/15/2005 / 11/15/2005
Dichlorodifluoromethane	<5.400	ug/l	5.400	17	20		8260	qh	11/15/2005 / 11/15/2005
Ethylbenzene	3450	ug/l	5.000	16	20	E	8260	qh	11/15/2005 / 11/15/2005
Hexachlorobutadiene	<8.400	ug/l	8.400	27	20		8260	qh	11/15/2005 / 11/15/2005
Isopropyl Ether	<6.000	ug/l	6.000	19	20		8260	qh	11/15/2005 / 11/15/2005
Isopropylbenzene	334	ug/l	6.600	21	20		8260	qh	11/15/2005 / 11/15/2005
m&p-xylene	14300	ug/l	11	34	20	E	8260	qh	11/15/2005 / 11/15/2005
Methylene chloride	<6.000	ug/l	6.000	19	20		8260	qh	11/15/2005 / 11/15/2005
Methyl-t-butyl ether	<7.800	ug/l	7.800	25	20		8260	qh	11/15/2005 / 11/15/2005
Naphthalene	1120	ug/l	15	48	20		8260	qh	11/15/2005 / 11/15/2005
n-Butylbenzene	<7.200	ug/l	7.200	23	20		8260	qh	11/15/2005 / 11/15/2005
n-Propylbenzene	889	ug/l	5.600	18	20		8260	qh	11/15/2005 / 11/15/2005
o-xylene	633	ug/l	5.000	16	20		8260	qh	11/15/2005 / 11/15/2005
p-Isopropyltoluene	161	ug/l	6.200	20	20		8260	qh	11/15/2005 / 11/15/2005
sec-Butylbenzene	<6.800	ug/l	6.800	22	20		8260	qh	11/15/2005 / 11/15/2005
Styrene	<5.000	ug/l	5.000	16	20		8260	qh	11/15/2005 / 11/15/2005
tert-Butylbenzene	<6.000	ug/l	6.000	19	20		8260	qh	11/15/2005 / 11/15/2005
Tetrachloroethene	<6.200	ug/l	6.200	20	20		8260	qh	11/15/2005 / 11/15/2005
Toluene	481	ug/l	5.800	18	20		8260	qh	11/15/2005 / 11/15/2005
trans-1,2-Dichloroethene	<5.000	ug/l	5.000	16	20		8260	qh	11/15/2005 / 11/15/2005
trans-1,3-Dichloropropene	<5.200	ug/l	5.200	17	20		8260	qh	11/15/2005 / 11/15/2005
Trichloroethene	<6.800	ug/l	6.800	22	20		8260	qh	11/15/2005 / 11/15/2005
Trichlorofluoromethane	<4.800	ug/l	4.800	15	20		8260	qh	11/15/2005 / 11/15/2005
Vinyl chloride	<4.000	ug/l	4.000	13	20		8260	qh	11/15/2005 / 11/15/2005

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APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

BATCH NUMBER: **20051725**
DATE REPORTED: 06-Dec-05
DATE RECEIVED: 11-Nov-05
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2636 W. State Street

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

Sample Number: 40146
Sample ID: Trip Blank
Sample Description:

QC Prep Batch Number: 1013628

Collection: 11/10/2005 Time: 2:00

Matrix: Water

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,1,1,2-Tetrachloroethane	<0.220	ug/l	0.220	0.700	1		8260	2402	11/15/2005 / 11/23/2005
1,1,1-Trichloroethane	<0.310	ug/l	0.310	0.986	1		8260	2402	11/15/2005 / 11/23/2005
1,1,2,2-Tetrachloroethane	<0.440	ug/l	0.440	1.400	1		8260	2402	11/15/2005 / 11/23/2005
1,1,2-Trichloroethane	<0.440	ug/l	0.440	1.400	1		8260	2402	11/15/2005 / 11/23/2005
1,1-Dichloroethane	<0.320	ug/l	0.320	1.018	1		8260	2402	11/15/2005 / 11/23/2005
1,1-Dichloroethene	<0.340	ug/l	0.340	1.082	1		8260	2402	11/15/2005 / 11/23/2005
1,1-Dichloropropene	<0.430	ug/l	0.430	1.368	1		8260	2402	11/15/2005 / 11/23/2005
1,2,3-Trichlorobenzene	<0.500	ug/l	0.500	1.591	1		8260	2402	11/15/2005 / 11/23/2005
1,2,3-Trichloropropane	<0.510	ug/l	0.510	1.623	1		8260	2402	11/15/2005 / 11/23/2005
1,2,4-Trichlorobenzene	<0.470	ug/l	0.470	1.495	1		8260	2402	11/15/2005 / 11/23/2005
1,2,4-Trimethylbenzene	1.720	ug/l	0.300	0.955	1		8260	2402	11/15/2005 / 11/23/2005
1,2-Dibromoethane	<0.460	ug/l	0.460	1.464	1		8260	2402	11/15/2005 / 11/23/2005
1,2-Dichlorobenzene	<0.340	ug/l	0.340	1.082	1		8260	2402	11/15/2005 / 11/23/2005
1,2-Dichloroethane	<0.350	ug/l	0.350	1.114	1		8260	2402	11/15/2005 / 11/23/2005
1,2-Dichloropropane	<0.320	ug/l	0.320	1.018	1		8260	2402	11/15/2005 / 11/23/2005
1,3,5-Trimethylbenzene	1.300	ug/l	0.340	1.082	1		8260	2402	11/15/2005 / 11/23/2005
1,3-Dichlorobenzene	<0.260	ug/l	0.260	0.827	1		8260	2402	11/15/2005 / 11/23/2005
1,3-Dichloropropane	<0.390	ug/l	0.390	1.241	1		8260	2402	11/15/2005 / 11/23/2005
1,4-Dichlorobenzene	<0.360	ug/l	0.360	1.145	1		8260	2402	11/15/2005 / 11/23/2005
12Dibromo-3-chloropropan	<0.330	ug/l	0.330	1.050	1		8260	2402	11/15/2005 / 11/23/2005
2,2-Dichloropropane	<0.270	ug/l	0.270	0.859	1		8260	2402	11/15/2005 / 11/23/2005
2-Butanone (MEK)	9.660	ug/l	1.380	4.391	1		8260	2402	11/15/2005 / 11/23/2005
2-Chloroethyl Vinyl Ether	<0.700	ug/l	0.700	2.227	1		8260	2402	11/15/2005 / 11/23/2005
2-Chlorotoluene	<0.300	ug/l	0.300	0.955	1		8260	2402	11/15/2005 / 11/23/2005
4-Chlorotoluene	<0.260	ug/l	0.260	0.827	1		8260	2402	11/15/2005 / 11/23/2005
4-Methyl-2-Pentanone	34	ug/l	0.800	2.545	1		8260	2402	11/15/2005 / 11/23/2005
Benzene	1.250	ug/l	0.270	0.859	1		8260	2402	11/15/2005 / 11/23/2005
Bromobenzene	<0.310	ug/l	0.310	0.986	1		8260	2402	11/15/2005 / 11/23/2005
Bromochloromethane	<0.370	ug/l	0.370	1.177	1		8260	2402	11/15/2005 / 11/23/2005
Bromodichloromethane	<0.380	ug/l	0.380	1.209	1		8260	2402	11/15/2005 / 11/23/2005

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APL INC.
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ORGANIC REPORT

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

BATCH NUMBER: **20051725**
DATE REPORTED: 06-Dec-05
DATE RECEIVED: 11-Nov-05
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2636 W. State Street

Bromoform	<0.390	ug/l	0.390	1.241	1		8260	2402	11/15/2005 /	11/23/2005
Bromomethane	<0.650	ug/l	0.650	2.068	1		8260	2402	11/15/2005 /	11/23/2005
Carbon tetrachloride	<0.270	ug/l	0.270	0.859	1		8260	2402	11/15/2005 /	11/23/2005
Chlorobenzene	<0.260	ug/l	0.260	0.827	1		8260	2402	11/15/2005 /	11/23/2005
Chloroethane	<0.640	ug/l	0.640	2.036	1		8260	2402	11/15/2005 /	11/23/2005
Chloroform	0.680	ug/l	0.240	0.764	1	J	8260	2402	11/15/2005 /	11/23/2005
Chloromethane	<0.490	ug/l	0.490	1.559	1		8260	2402	11/15/2005 /	11/23/2005
cis-1,2-Dichloroethene	<0.270	ug/l	0.270	0.859	1		8260	2402	11/15/2005 /	11/23/2005
cis-1,3-Dichloropropene	<0.370	ug/l	0.370	1.177	1		8260	2402	11/15/2005 /	11/23/2005
Dibromochloromethane	<0.410	ug/l	0.410	1.304	1		8260	2402	11/15/2005 /	11/23/2005
Dibromomethane	<0.460	ug/l	0.460	1.464	1		8260	2402	11/15/2005 /	11/23/2005
Dichlorodifluoromethane	<0.270	ug/l	0.270	0.859	1		8260	2402	11/15/2005 /	11/23/2005
Ethylbenzene	<0.250	ug/l	0.250	0.795	1		8260	2402	11/15/2005 /	11/23/2005
Hexachlorobutadiene	<0.420	ug/l	0.420	1.336	1		8260	2402	11/15/2005 /	11/23/2005
Isopropyl Ether	<0.300	ug/l	0.300	0.955	1		8260	2402	11/15/2005 /	11/23/2005
Isopropylbenzene	0.540	ug/l	0.330	1.050	1	J	8260	2402	11/15/2005 /	11/23/2005
m&p-xylene	2.990	ug/l	0.530	1.686	1		8260	2402	11/15/2005 /	11/23/2005
Methylene chloride	3.310	ug/l	0.300	0.955	1		8260	2402	11/15/2005 /	11/23/2005
Methyl-t-butyl ether	<0.390	ug/l	0.390	1.241	1		8260	2402	11/15/2005 /	11/23/2005
Naphthalene	<0.750	ug/l	0.750	2.386	1		8260	2402	11/15/2005 /	11/23/2005
n-Butylbenzene	<0.360	ug/l	0.360	1.145	1		8260	2402	11/15/2005 /	11/23/2005
n-Propylbenzene	0.930	ug/l	0.280	0.891	1		8260	2402	11/15/2005 /	11/23/2005
o-xylene	0.350	ug/l	0.250	0.795	1	J	8260	2402	11/15/2005 /	11/23/2005
p-Isopropyltoluene	<0.310	ug/l	0.310	0.986	1		8260	2402	11/15/2005 /	11/23/2005
sec-Butylbenzene	0.350	ug/l	0.340	1.082	1	J	8260	2402	11/15/2005 /	11/23/2005
Styrene	<0.250	ug/l	0.250	0.795	1		8260	2402	11/15/2005 /	11/23/2005
tert-Butylbenzene	<0.300	ug/l	0.300	0.955	1		8260	2402	11/15/2005 /	11/23/2005
Tetrachloroethene	<0.310	ug/l	0.310	0.986	1		8260	2402	11/15/2005 /	11/23/2005
Toluene	<0.290	ug/l	0.290	0.923	1		8260	2402	11/15/2005 /	11/23/2005
trans-1,2-Dichloroethene	<0.250	ug/l	0.250	0.795	1		8260	2402	11/15/2005 /	11/23/2005
trans-1,3-Dichloropropene	<0.260	ug/l	0.260	0.827	1		8260	2402	11/15/2005 /	11/23/2005
Trichloroethene	<0.340	ug/l	0.340	1.082	1		8260	2402	11/15/2005 /	11/23/2005
Trichlorofluoromethane	<0.240	ug/l	0.240	0.764	1		8260	2402	11/15/2005 /	11/23/2005
Vinyl chloride	<0.200	ug/l	0.200	0.636	1		8260	2402	11/15/2005 /	11/23/2005

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APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

BATCH NUMBER:	20051725
DATE REPORTED:	06-Dec-05
DATE RECEIVED:	11-Nov-05
SAMPLE TEMP (C):	Rec On Ice
PROJECT ID:	1E-9907009
PROJECT NAME:	2636 W. State Street

Approved By: _____ **Date:** 12/6/05

Project Manager

RQ	Comment
E	*The concentration of this compound exceeds the calibration range; value is an estimate.*
J3	*The associated batch QC was outside the established quality control range for precision.*
J4	*The associated batch QC was outside the established quality control range for accuracy.*

LOQ = Limit of Quantitation LOD = Limit of Detection

RQ : Run Qualifier; "J" = Results between LOD and LOQ; "B" = Method Blank above LOD; "OW" = Presence of significant peaks outside the DRO or GRO chromatographic window; "E" = Concentration of this compound exceeds the calibration range , value is an estimate.

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

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ORGANIC REPORT

BATCH NUMBER: **20051725**
DATE REPORTED: 25-Nov-05
DATE RECEIVED: 11-Nov-05
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2636 W. State Street

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

Sample Number: 40138
Sample ID: MW-1
Sample Description:
QC Prep Batch Number: 1013518
Collection: 11/10/2005 Time: 8:00
Matrix: Water

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,2,4-Trimethyl Benzene	<0.631	ug/l	0.631	2.008	1		WI PVOC	2402	11/16/2005 / 11/18/2005
1,3,5-Trimethyl Benzene	<0.617	ug/l	0.617	1.963	1		WI PVOC	2402	11/16/2005 / 11/18/2005
Benzene	<0.443	ug/l	0.443	1.409	1		WI PVOC	2402	11/16/2005 / 11/18/2005
Ethylbenzene	<0.568	ug/l	0.568	1.807	1		WI PVOC	2402	11/16/2005 / 11/18/2005
Meta/Para-Xylene	<1.009	ug/l	1.009	3.210	1		WI PVOC	2402	11/16/2005 / 11/18/2005
MTBE	<0.298	ug/l	0.298	0.948	1		WI PVOC	2402	11/16/2005 / 11/18/2005
Ortho-Xylene	<0.475	ug/l	0.475	1.511	1		WI PVOC	2402	11/16/2005 / 11/18/2005
Toluene	<0.442	ug/l	0.442	1.406	1		WI PVOC	2402	11/16/2005 / 11/18/2005

Sample Number: 40139
Sample ID: MW-2
Sample Description:
QC Prep Batch Number: 1013518
Collection: 11/10/2005 Time: 8:00
Matrix: Water

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,2,4-Trimethyl Benzene	<0.631	ug/l	0.631	2.008	1		WI PVOC	2402	11/16/2005 / 11/18/2005
1,3,5-Trimethyl Benzene	<0.617	ug/l	0.617	1.963	1		WI PVOC	2402	11/16/2005 / 11/18/2005
Benzene	<0.443	ug/l	0.443	1.409	1		WI PVOC	2402	11/16/2005 / 11/18/2005
Ethylbenzene	<0.568	ug/l	0.568	1.807	1		WI PVOC	2402	11/16/2005 / 11/18/2005
Meta/Para-Xylene	<1.009	ug/l	1.009	3.210	1		WI PVOC	2402	11/16/2005 / 11/18/2005
MTBE	<0.298	ug/l	0.298	0.948	1		WI PVOC	2402	11/16/2005 / 11/18/2005
Ortho-Xylene	<0.475	ug/l	0.475	1.511	1		WI PVOC	2402	11/16/2005 / 11/18/2005
Toluene	<0.442	ug/l	0.442	1.406	1		WI PVOC	2402	11/16/2005 / 11/18/2005

Sample Number: 40140
Sample ID: MW-3
Sample Description:
QC Prep Batch Number: 1013518
Collection: 11/10/2005 Time: 8:00
Matrix: Water

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed

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APL INC.
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ORGANIC REPORT

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

BATCH NUMBER: 20051725
DATE REPORTED: 25-Nov-05
DATE RECEIVED: 11-Nov-05
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2636 W. State Street

1.2.4-Trimethyl Benzene	<0.631	ug/l	0.631	2.008	1		WI PVOC	2402	11/16/2005 /	11/18/2005
1.3.5-Trimethyl Benzene	<0.617	ug/l	0.617	1.963	1		WI PVOC	2402	11/16/2005 /	11/18/2005
Benzene	<0.443	ug/l	0.443	1.409	1		WI PVOC	2402	11/16/2005 /	11/18/2005
Ethylbenzene	<0.568	ug/l	0.568	1.807	1		WI PVOC	2402	11/16/2005 /	11/18/2005
Meta/Para-Xylene	<1.009	ug/l	1.009	3.210	1		WI PVOC	2402	11/16/2005 /	11/18/2005
MTBE	<0.298	ug/l	0.298	0.948	1		WI PVOC	2402	11/16/2005 /	11/18/2005
Ortho-Xylene	<0.475	ug/l	0.475	1.511	1		WI PVOC	2402	11/16/2005 /	11/18/2005
Toluene	<0.442	ug/l	0.442	1.406	1		WI PVOC	2402	11/16/2005 /	11/18/2005

Sample Number: 40141
Sample ID: MW-4
Sample Description:

QC Prep Batch Number: 1013518
Collection: 11/10/2005 Time: 8:00
Matrix: Water

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed	
1.2.4-Trimethyl Benzene	4.801	ug/l	0.631	2.008	1		WI PVOC	2402	11/16/2005 /	11/18/2005
1.3.5-Trimethyl Benzene	6.470	ug/l	0.617	1.963	1		WI PVOC	2402	11/16/2005 /	11/18/2005
Benzene	<0.443	ug/l	0.443	1.409	1		WI PVOC	2402	11/16/2005 /	11/18/2005
Ethylbenzene	<0.568	ug/l	0.568	1.807	1		WI PVOC	2402	11/16/2005 /	11/18/2005
Meta/Para-Xylene	10	ug/l	1.009	3.210	1		WI PVOC	2402	11/16/2005 /	11/18/2005
MTBE	<0.298	ug/l	0.298	0.948	1		WI PVOC	2402	11/16/2005 /	11/18/2005
Ortho-Xylene	7.158	ug/l	0.475	1.511	1		WI PVOC	2402	11/16/2005 /	11/18/2005
Toluene	<0.442	ug/l	0.442	1.406	1		WI PVOC	2402	11/16/2005 /	11/18/2005

Sample Number: 40142
Sample ID: MW-5
Sample Description:

QC Prep Batch Number: 1013517
Collection: 11/10/2005 Time: 2:00
Matrix: Water

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed	
1.2.4-Trimethyl Benzene	1410	ug/l	6.310	20	10	E	WI PVOC	2402	11/18/2005 /	11/18/2005
1.3.5-Trimethyl Benzene	17	ug/l	6.170	20	10	J	WI PVOC	2402	11/18/2005 /	11/18/2005
Benzene	110	ug/l	4.430	14	10		WI PVOC	2402	11/18/2005 /	11/18/2005
Ethylbenzene	475	ug/l	5.680	18	10		WI PVOC	2402	11/18/2005 /	11/18/2005
Meta/Para-Xylene	1350	ug/l	10	32	10		WI PVOC	2402	11/18/2005 /	11/18/2005
MTBE	<2.980	ug/l	2.980	9.481	10		WI PVOC	2402	11/18/2005 /	11/18/2005

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ORGANIC REPORT

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

BATCH NUMBER: 20051725
DATE REPORTED: 25-Nov-05
DATE RECEIVED: 11-Nov-05
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2636 W. State Street

Ortho-Xylene	38	ug/l	4.750	15	10		WI PVOC	2402	11/18/2005 /	11/18/2005
Toluene	6.920	ug/l	4.420	14	10	J	WI PVOC	2402	11/18/2005 /	11/18/2005

Sample Number: 40143
Sample ID: MW-6
Sample Description:
QC Prep Batch Number: 1013517
Collection: 11/10/2005 Time: 2:00
Matrix: Water

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed	
1.2.4-Trimethyl Benzene	149	ug/l	2.524	8.031	4		WI PVOC	2402	11/18/2005 /	11/18/2005
1.3.5-Trimethyl Benzene	23	ug/l	2.468	7.852	4		WI PVOC	2402	11/18/2005 /	11/18/2005
Benzene	91	ug/l	1.772	5.638	4		WI PVOC	2402	11/18/2005 /	11/18/2005
Ethylbenzene	377	ug/l	2.272	7.229	4		WI PVOC	2402	11/18/2005 /	11/18/2005
Meta/Para-Xylene	855	ug/l	4.036	13	4		WI PVOC	2402	11/18/2005 /	11/18/2005
MTBE	<1.192	ug/l	1.192	3.793	4		WI PVOC	2402	11/18/2005 /	11/18/2005
Ortho-Xylene	33	ug/l	1.900	6.045	4		WI PVOC	2402	11/18/2005 /	11/18/2005
Toluene	46	ug/l	1.768	5.625	4		WI PVOC	2402	11/18/2005 /	11/18/2005

Sample Number: 40147
Sample ID: Dup-1
Sample Description:
QC Prep Batch Number: 1013517
Collection: 11/10/2005 Time: 2:00
Matrix: Water

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed	
1.2.4-Trimethyl Benzene	1120	ug/l	13	40	20		WI PVOC	2402	11/18/2005 /	11/18/2005
1.3.5-Trimethyl Benzene	210	ug/l	12	39	20		WI PVOC	2402	11/18/2005 /	11/18/2005
Benzene	95	ug/l	8.860	28	20		WI PVOC	2402	11/18/2005 /	11/18/2005
Ethylbenzene	393	ug/l	11	36	20		WI PVOC	2402	11/18/2005 /	11/18/2005
Meta/Para-Xylene	1130	ug/l	20	64	20		WI PVOC	2402	11/18/2005 /	11/18/2005
MTBE	<5.960	ug/l	5.960	19	20		WI PVOC	2402	11/18/2005 /	11/18/2005
Ortho-Xylene	32	ug/l	9.500	30	20		WI PVOC	2402	11/18/2005 /	11/18/2005
Toluene	<8.840	ug/l	8.840	28	20		WI PVOC	2402	11/18/2005 /	11/18/2005

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ORGANIC REPORT

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

BATCH NUMBER:	20051725
DATE REPORTED:	25-Nov-05
DATE RECEIVED:	11-Nov-05
SAMPLE TEMP (C):	Rec On Ice
PROJECT ID:	1E-9907009
PROJECT NAME:	2636 W. State Street

Approved By: _____ **Date:** 12/1/05
Quality Control Manager

RQ Comment

F The concentration of this compound exceeds the calibration range for this specific analysis: value is an estimat

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B
LOQ = 10 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Stu "e" = Estimate value, over calibration range .
LOD = 3.143 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study
PAL: Preventive Action Limit, NR 140.10 Public health related groundwater standards. "ns" = not specified
RO : Run Qualifier: "J" = Results between LOD and LOQ. "RR" = Re-extract Rerun sample. "B" = Showed in Blank sample
"O" = Significant peaks outside of the GRO or DRO retention time windows
Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

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APL INC.
Environmental Division
8222 W Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

BATCH NUMBER: 20051725
DATE REPORTED: 25-Nov-05
DATE RECEIVED: 11-Nov-05
SAMPLE PREP (C): Rec on Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2636 W State Street

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha, WI 53186

Sample Number: 40140
Sample ID: MW-3
Sample Description:

Collection: 11/10/2005 Time: PM
Matrix: Water

Compound	Result	MDL	RDL	Units	RQ	Method	Date	Analyst	Dil.
PCB 1016	U	0.077	0.50	ug/l		8082	11/17/05	998093910	1
PCB 1221	U	0.16	0.50	ug/l		8082	11/17/05	998093910	1
PCB 1232	U	0.18	0.50	ug/l		8082	11/17/05	998093910	1
PCB 1242	U	0.099	0.50	ug/l		8082	11/17/05	998093910	1
PCB 1248	U	0.039	0.50	ug/l		8082	11/17/05	998093910	1
PCB 1254	U	0.12	0.50	ug/l		8082	11/17/05	998093910	1
PCB 1260	U	0.16	0.50	ug/l		8082	11/17/05	998093910	1

Approved By: _____ **Date:** 12/1/05
Quality Control Manager

RQ Comment

RQ: Run Qualifier
U = Not Detected
MDL = Minimum Detection Limit = LOD
RDL = Reported Detection Limit = LOQ = PQL = EQL

Giles Engineering Associates, Inc.

CHAIN-OF-CUSTODY 20060164

Site 2636 W. State St.

Address Milwaukee

☑ N8 W22350 Johnson Road Suite A1, Waukesha, WI 53186	tel: 414-544-0118	fax: 414-549-5868
☐ 4875 East La Palma Avenue, Suite 607, Anaheim, CA 92807	tel: 714-779-0052	fax: 714-779-0068
☐ 8300 Guilford Road, Suite F1, Columbia, MD 21046	tel: 410-312-9950	fax: 410-312-9955
☐ 10722 North Stemmons Freeway, Dallas, TX 75220	tel: 214-358-5885	fax: 214-358-5884
☐ 2830 Agriculture Drive, Madison, WI 53718	tel: 608-223-1853	fax: 608-223-1854
☐ 3990 Flowers Road, Suite 530, Atlanta, GA,30360	tel. 770-458-3399	fax: 770-458-3998

☐ closure sample
☐ confirmation required (NR720)
☐ RUSH

POSSIBLE HAZARDS:

Sample Collector: Greg Roanhouse / Erika Biermann	Project Manager: Erika B.	Project Number: IE-9907009
Laboratory Used: APL	Lab Contact: Adam M.	Lab Job Number:

Analysis Required

Sample Description	(Sample Depth)	Sample Matrix (Soil, Water, etc.)	Date Collected	Time Collected	Field Screen	GRO	DRO	VOC	PVOC + Naphtl	BTEX	PCBs	PVOC											Number and Type of Containers	Sample Preservative	Due Date	Lab ID	Temp
mw1		GW	2/14/06	9am AM PM					X														2D	A		41413	01
mw2				9am AM PM					X														2D	A		41414	
mw3				AM PM					X		X												2D/E	A/G		41415	
mw4				AM PM					X														2D	A		41416	
mw5				AM PM					X																	41417	
mw6				AM PM					X																	41418	
mw7				AM PM					X																	41419	
mw8				pm AM PM					X																	41420	
Trip Blank				AM PM								X														41429	
				AM PM																							
				AM PM																							
				AM PM																							

container code:
A = 8 oz/250 ml
B = 4 oz/ 120 ml
C = 2 oz/ 60 ml
D = 40 mL VOA vial
E = 1 L Amber
F = 250 mL plastic
G = poly bag
H = _____
I = _____
J = _____

Relinquished By	Date	Time	Received By
Erika Biermann		AM PM	D. Hill
	2-15-06	12:40 AM PM	W. Lee
		AM PM	
		AM PM	

INVOICE TO: Giles

☐ Send copy to Project Manager

REPORT TO: Erika Biermann

☐ same PM

Page 1 of 1

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APL INC.
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ORGANIC REPORT

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

BATCH NUMBER: **20060164**
DATE REPORTED: 27-Feb-06
DATE RECEIVED: 15-Feb-06
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2636 W. State St.

Sample Number: 41413
Sample ID: MW1
Sample Description:
QC Prep Batch Number: 1015658
Collection: 2/14/2006 Time: 8:00
Matrix: GW

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Naphthalene	<1.214	ug/l	1.214	3.863	1		WIPVOC	2402	2/16/2006 / 2/16/2006

Sample Number: 41414
Sample ID: MW2
Sample Description:
QC Prep Batch Number: 1015658
Collection: 2/14/2006 Time: 8:00
Matrix: GW

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Naphthalene	<1.214	ug/l	1.214	3.863	1		WIPVOC	2402	2/16/2006 / 2/16/2006

Sample Number: 41415
Sample ID: MW3
Sample Description:
QC Prep Batch Number: 1015658
Collection: 2/14/2006 Time: 8:00
Matrix: GW

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Naphthalene	6.304	ug/l	2.428	7.725	2	J	WIPVOC	2402	2/16/2006 / 2/16/2006

Sample Number: 41416
Sample ID: MW4
Sample Description:
QC Prep Batch Number: 1015658
Collection: 2/14/2006 Time: 8:00
Matrix: GW

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Naphthalene	<1.214	ug/l	1.214	3.863	1		WIPVOC	2402	2/16/2006 / 2/16/2006

Sample Number: 41417
Sample ID: MW5
Sample Description:
QC Prep Batch Number: 1015658
Collection: 2/14/2006 Time: 8:00
Matrix: GW

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Naphthalene	275	ug/l	12	39	10		WIPVOC	2402	2/16/2006 / 2/16/2006

Department of Natural Resources State Certified Laboratory #241340550

APL INC.
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ORGANIC REPORT

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

BATCH NUMBER: **20060164**
DATE REPORTED: 27-Feb-06
DATE RECEIVED: 15-Feb-06
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2636 W. State St.

Sample Number: 41418 QC Prep Batch Number: 1015658 Collection: 2/14/2006 Time: 8:00
Sample ID: MW6 Matrix: GW
Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Naphthalene	13	ug/l	1.214	3.863	1		WIPVOC	2402	2/16/2006 / 2/16/2006

Sample Number: 41419 QC Prep Batch Number: 1015658 Collection: 2/14/2006 Time: 8:00
Sample ID: MW7 Matrix: GW
Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Naphthalene	136	ug/l	24	77	20		WIPVOC	2402	2/16/2006 / 2/16/2006

Sample Number: 41420 QC Prep Batch Number: 1015658 Collection: 2/14/2006 Time: 1:00
Sample ID: MW8 Matrix: GW
Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Naphthalene	2.693	ug/l	1.214	3.863	1	J	WIPVOC	2402	2/16/2006 / 2/16/2006

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ORGANIC REPORT

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BATCH NUMBER:	**20060164**
DATE REPORTED:	27-Feb-06
DATE RECEIVED:	15-Feb-06
SAMPLE TEMP (C):	Rec On Ice
PROJECT ID:	1E-9907009
PROJECT NAME:	2636 W. State St.

Approved By: _____ **Date** 2/27/2006
Project Manager

LOQ = Limit of Quantitation *LOD = Limit of Detection*

RQ : Run Qualifier;
2 - A high method blank recovery is associated with this batch QC.
3 - The associated batch QC is outside the control limits for precision.
4 - The associated batch QC is outside the control limits for accuracy.
5 - The internal standard associated with this batch QC is outside control limits.
6 - The surrogate associated with this batch QC is outside control limits.
7 - The duplicate analysis associated with this batch QC is outside control limits.
8 - The internal standard associated with this sample is outside control limits.
9 - The surrogate associated with this sample is outside control limits.
E - Concentration of this compound exceeds the calibration range; the value is an estimate.
O - Presence of significant peaks outside the DRO or GRO chromatographic window.
A - The result is an average. *# - No LOD or LOQ required.*
J - The result is between the LOD and LOQ. *SA - See attachment for QC qualifiers.*

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

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ORGANIC REPORT

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BATCH NUMBER: **20060164**
DATE REPORTED: 27-Feb-06
DATE RECEIVED: 15-Feb-06
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2636 W. State St.

Sample Number: 41413 QC Prep Batch Number: 1015657 Collection: 2/14/2006 Time: 8:00
Sample ID: MW1 Matrix: GW
Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,2,4-Trimethyl Benzene	<0.631	ug/l	0.631	2.008	1		WI PVOC	2402	2/16/2006 / 2/16/2006
1,3,5-Trimethyl Benzene	<0.617	ug/l	0.617	1.963	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Benzene	<0.443	ug/l	0.443	1.409	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Ethylbenzene	<0.568	ug/l	0.568	1.807	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Meta/Para-Xylene	<1.009	ug/l	1.009	3.210	1		WI PVOC	2402	2/16/2006 / 2/16/2006
MTBE	<0.298	ug/l	0.298	0.948	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Ortho-Xylene	<0.475	ug/l	0.475	1.511	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Toluene	<0.442	ug/l	0.442	1.406	1		WI PVOC	2402	2/16/2006 / 2/16/2006

Sample Number: 41414 QC Prep Batch Number: 1015657 Collection: 2/14/2006 Time: 8:00
Sample ID: MW2 Matrix: GW
Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,2,4-Trimethyl Benzene	1.257	ug/l	0.631	2.008	1	J	WI PVOC	2402	2/16/2006 / 2/16/2006
1,3,5-Trimethyl Benzene	<0.617	ug/l	0.617	1.963	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Benzene	<0.443	ug/l	0.443	1.409	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Ethylbenzene	<0.568	ug/l	0.568	1.807	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Meta/Para-Xylene	<1.009	ug/l	1.009	3.210	1		WI PVOC	2402	2/16/2006 / 2/16/2006
MTBE	<0.298	ug/l	0.298	0.948	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Ortho-Xylene	<0.475	ug/l	0.475	1.511	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Toluene	<0.442	ug/l	0.442	1.406	1		WI PVOC	2402	2/16/2006 / 2/16/2006

Sample Number: 41415 QC Prep Batch Number: 1015657 Collection: 2/14/2006 Time: 8:00
Sample ID: MW3 Matrix: GW
Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,2,4-Trimethyl Benzene	9.844	ug/l	1.262	4.015	2		WI PVOC	2402	2/16/2006 / 2/16/2006
1,3,5-Trimethyl Benzene	8.058	ug/l	1.234	3.926	2		WI PVOC	2402	2/16/2006 / 2/16/2006
Benzene	5.322	ug/l	0.886	2.819	2		WI PVOC	2402	2/16/2006 / 2/16/2006
Ethylbenzene	<1.136	ug/l	1.136	3.614	2		WI PVOC	2402	2/16/2006 / 2/16/2006

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ORGANIC REPORT

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BATCH NUMBER: **20060164**
DATE REPORTED: 27-Feb-06
DATE RECEIVED: 15-Feb-06
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2636 W. State St.

Meta/Para-Xylene	7.370	ug/l	2.018	6.421	2	WI PVOC	2402	2/16/2006 /	2/16/2006
MTBE	<0.596	ug/l	0.596	1.896	2	WI PVOC	2402	2/16/2006 /	2/16/2006
Ortho-Xylene	8.002	ug/l	0.950	3.023	2	WI PVOC	2402	2/16/2006 /	2/16/2006
Toluene	<0.884	ug/l	0.884	2.813	2	WI PVOC	2402	2/16/2006 /	2/16/2006

Sample Number: 41416
Sample ID: MW4
Sample Description:
QC Prep Batch Number: 1015657
Collection: 2/14/2006 Time: 8:00
Matrix: GW

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,2,4-Trimethyl Benzene	<0.631	ug/l	0.631	2.008	1		WI PVOC	2402	2/16/2006 / 2/16/2006
1,3,5-Trimethyl Benzene	<0.617	ug/l	0.617	1.963	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Benzene	<0.443	ug/l	0.443	1.409	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Ethylbenzene	<0.568	ug/l	0.568	1.807	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Meta/Para-Xylene	<1.009	ug/l	1.009	3.210	1		WI PVOC	2402	2/16/2006 / 2/16/2006
MTBE	<0.298	ug/l	0.298	0.948	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Ortho-Xylene	<0.475	ug/l	0.475	1.511	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Toluene	<0.442	ug/l	0.442	1.406	1		WI PVOC	2402	2/16/2006 / 2/16/2006

Sample Number: 41417
Sample ID: MW5
Sample Description:
QC Prep Batch Number: 1015657
Collection: 2/14/2006 Time: 8:00
Matrix: GW

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,2,4-Trimethyl Benzene	1620	ug/l	13	40	20		WI PVOC	2402	2/16/2006 / 2/16/2006
1,3,5-Trimethyl Benzene	331	ug/l	12	39	20		WI PVOC	2402	2/16/2006 / 2/16/2006
Benzene	57	ug/l	8.860	28	20		WI PVOC	2402	2/16/2006 / 2/16/2006
Ethylbenzene	584	ug/l	11	36	20		WI PVOC	2402	2/16/2006 / 2/16/2006
Meta/Para-Xylene	2240	ug/l	20	64	20		WI PVOC	2402	2/16/2006 / 2/16/2006
MTBE	<5.960	ug/l	5.960	19	20		WI PVOC	2402	2/16/2006 / 2/16/2006
Ortho-Xylene	56	ug/l	9.500	30	20		WI PVOC	2402	2/16/2006 / 2/16/2006
Toluene	<8.840	ug/l	8.840	28	20		WI PVOC	2402	2/16/2006 / 2/16/2006

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ORGANIC REPORT

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BATCH NUMBER: **20060164**
DATE REPORTED: 27-Feb-06
DATE RECEIVED: 15-Feb-06
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2636 W. State St.

Sample Number: 41418
Sample ID: MW6
Sample Description:
QC Prep Batch Number: 1015657
Collection: 2/14/2006 Time: 8:00
Matrix: GW

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,2,4-Trimethyl Benzene	57	ug/l	2.524	8.031	4		WI PVOC	2402	2/16/2006 / 2/16/2006
1,3,5-Trimethyl Benzene	16	ug/l	2.468	7.852	4		WI PVOC	2402	2/16/2006 / 2/16/2006
Benzene	56	ug/l	1.772	5.638	4		WI PVOC	2402	2/16/2006 / 2/16/2006
Ethylbenzene	145	ug/l	2.272	7.229	4		WI PVOC	2402	2/16/2006 / 2/16/2006
Meta/Para-Xylene	343	ug/l	4.036	13	4		WI PVOC	2402	2/16/2006 / 2/16/2006
MTBE	<1.192	ug/l	1.192	3.793	4		WI PVOC	2402	2/16/2006 / 2/16/2006
Ortho-Xylene	13	ug/l	1.900	6.045	4		WI PVOC	2402	2/16/2006 / 2/16/2006
Toluene	20	ug/l	1.768	5.625	4		WI PVOC	2402	2/16/2006 / 2/16/2006

Sample Number: 41419
Sample ID: MW7
Sample Description:
QC Prep Batch Number: 1015657
Collection: 2/14/2006 Time: 8:00
Matrix: GW

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,2,4-Trimethyl Benzene	747	ug/l	13	40	20		WI PVOC	2402	2/16/2006 / 2/16/2006
1,3,5-Trimethyl Benzene	223	ug/l	12	39	20		WI PVOC	2402	2/16/2006 / 2/16/2006
Benzene	67	ug/l	8.860	28	20		WI PVOC	2402	2/16/2006 / 2/16/2006
Ethylbenzene	642	ug/l	11	36	20		WI PVOC	2402	2/16/2006 / 2/16/2006
Meta/Para-Xylene	2560	ug/l	20	64	20		WI PVOC	2402	2/16/2006 / 2/16/2006
MTBE	<5.960	ug/l	5.960	19	20		WI PVOC	2402	2/16/2006 / 2/16/2006
Ortho-Xylene	115	ug/l	9.500	30	20		WI PVOC	2402	2/16/2006 / 2/16/2006
Toluene	104	ug/l	8.840	28	20		WI PVOC	2402	2/16/2006 / 2/16/2006

Sample Number: 41420
Sample ID: MW8
Sample Description:
QC Prep Batch Number: 1015657
Collection: 2/14/2006 Time: 1:00
Matrix: GW

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,2,4-Trimethyl Benzene	3.674	ug/l	0.631	2.008	1		WI PVOC	2402	2/16/2006 / 2/16/2006
1,3,5-Trimethyl Benzene	0.986	ug/l	0.617	1.963	1	J	WI PVOC	2402	2/16/2006 / 2/16/2006
Benzene	9.256	ug/l	0.443	1.409	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Ethylbenzene	4.110	ug/l	0.568	1.807	1		WI PVOC	2402	2/16/2006 / 2/16/2006

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ORGANIC REPORT

Erika Biemann
Giles Engineering Associates, Inc.
N8 W22350 Johnson Rd. Suite A1
Waukesha , WI 53186

BATCH NUMBER: **20060164**
DATE REPORTED: 27-Feb-06
DATE RECEIVED: 15-Feb-06
SAMPLE TEMP (C): Rec On Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2636 W. State St.

Meta/Para-Xylene	3.327	ug/l	1.009	3.210	1		WI PVOC	2402	2/16/2006 / 2/16/2006
MTBE	<0.298	ug/l	0.298	0.948	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Ortho-Xylene	<0.475	ug/l	0.475	1.511	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Toluene	<0.442	ug/l	0.442	1.406	1		WI PVOC	2402	2/16/2006 / 2/16/2006

Sample Number: 41429
Sample ID: Trip Blank
Sample Description:

QC Prep Batch Number: 1015657

Collection:

Time:

Matrix: GW

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,2,4-Trimethyl Benzene	<0.631	ug/l	0.631	2.008	1		WI PVOC	2402	2/16/2006 / 2/16/2006
1,3,5-Trimethyl Benzene	<0.617	ug/l	0.617	1.963	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Benzene	<0.443	ug/l	0.443	1.409	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Ethylbenzene	<0.568	ug/l	0.568	1.807	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Meta/Para-Xylene	<1.009	ug/l	1.009	3.210	1		WI PVOC	2402	2/16/2006 / 2/16/2006
MTBE	<0.298	ug/l	0.298	0.948	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Ortho-Xylene	<0.475	ug/l	0.475	1.511	1		WI PVOC	2402	2/16/2006 / 2/16/2006
Toluene	<0.442	ug/l	0.442	1.406	1		WI PVOC	2402	2/16/2006 / 2/16/2006

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ORGANIC REPORT

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BATCH NUMBER:	**20060164**
DATE REPORTED:	27-Feb-06
DATE RECEIVED:	15-Feb-06
SAMPLE TEMP (C):	Rec On Ice
PROJECT ID:	1E-9907009
PROJECT NAME:	2636 W. State St.

Approved By: _____ **Date** 2/27/2006
Project Manager

LOQ = Limit of Quantitation *LOD = Limit of Detection*

RQ : Run Qualifier;
2 - A high method blank recovery is associated with this batch QC.
3 - The associated batch QC is outside the control limits for precision.
4 - The associated batch QC is outside the control limits for accuracy.
5 - The internal standard associated with this batch QC is outside control limits.
6 - The surrogate associated with this batch QC is outside control limits.
7 - The duplicate analysis associated with this batch QC is outside control limits.
8 - The internal standard associated with this sample is outside control limits.
9 - The surrogate associated with this sample is outside control limits.
E - Concentration of this compound exceeds the calibration range; the value is an estimate.
O - Presence of significant peaks outside the DRO or GRO chromatographic window.
A - The result is an average. *# - No LOD or LOQ required.*
J - The result is between the LOD and LOQ. *SA - See attachment for QC qualifiers.*

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

Department of Natural Resources State Certified Laboratory #241340550

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ORGANIC REPORT

BATCH NUMBER: 20060164
DATE REPORTED: 27-Feb-06
DATE RECEIVED: 15-Feb-06
SAMPLE PREP (C): Rec on Ice
PROJECT ID: 1E-9907009
PROJECT NAME: 2636 W. State St.

Erika Biemann
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Waukesha, WI 53186

Sample Number: 41415
Sample ID: MW3
Sample Description:

Collection: 2/14/2006 Time: AM
Matrix: GW

Compound	Result	MDL	RDL	Units	RQ	Method	Date	Dil.
PCB 1016	<0.077	0.077	0.50	ug/l		8082	02/23/06	1
PCB 1221	<0.16	0.16	0.50	ug/l		8082	02/23/06	1
PCB 1232	<0.18	0.18	0.50	ug/l		8082	02/23/06	1
PCB 1242	<0.099	0.099	0.50	ug/l		8082	02/23/06	1
PCB 1248	<0.039	0.039	0.50	ug/l		8082	02/23/06	1
PCB 1254	<0.12	0.12	0.50	ug/l		8082	02/23/06	1
PCB 1260	<0.16	0.16	0.50	ug/l		8082	02/23/06	1

Approved By: _____ **Date:** 02 / 27 / 06
Project Manager

LOQ = Limit of Quantitation *LOD = Limit of Detection*

RQ: Run Qualifier;
2 – A high method blank recovery is associated with this batch QC.
3 – The associated batch QC is outside the control limits for precision.
4 – The associated batch QC is outside the control limits for accuracy.
5 – The internal standard associated with this batch QC is outside control limits.
6 – The surrogate associated with this batch QC is outside control limits.
7 – The duplicate analysis associated with this batch QC is outside control limits.
8 – The internal standard associated with this sample is outside control limits.
9 – The surrogate associated with this sample is outside control limits.
E – Concentration of this compound exceeds the calibration range; the value is an estimate.
O – Presence of significant peaks outside the DRO or GRO chromatographic window.
A – The result is an average. *# - No LOD or LOQ required.*
J – Results between the LOD and LOQ. *SA – See attachment for QC data qualifiers.*

Department of Natural Resources State Certified Laboratory #998093910

State of Wisconsin — **Mann-Kendall Statistical Test**
Department of Natural Resources — **Form 4400-215 (2/2001)**
Remediation and Redevelopment Program

Notice: This form is the DNR supplied spreadsheet referenced in Appendices A of Comm 46 and NR 746, Wis. Adm. Code. It is provided to consultants as an optional tool for groundwater contaminant trend analysis to support site closure requests under s. Comm 46.07, Comm 46.08, NR 746.07, NR 746.08, Wis. Adm. Code. Use this form or a manual method when seeking case closure under those rules. Earlier versions of this form should not be used.

Instructions: Do not change formulas or other information in cells with a blue background, only cells with a yellow background are used for data entry. To use the spreadsheet, provide at least four rounds and not more than ten rounds of data that is not seasonally affected. Use consistent units. The spreadsheet contains several error checks, and a data entry error may cause "DATA ERR" or "DATE ERR" to be displayed. Dates that are not consecutive will show an error message and will not display the test results. The spreadsheet tests the data for both increasing and decreasing trends at both 80 percent and 90 percent confidence levels. If a declining trend is present at 80 percent but not at 90 percent, a site is still eligible for closure under Comm 46 and NR 746 provided that other conditions in those rules are met. If an increasing or decreasing trend is not present, an additional coefficient of variation test is used to test for stability, as proposed by Wiedemeier et al, 1999. For additional information, refer to the Interim Guidance on Natural Attenuation for Petroleum Releases, dated October 1999. Refer to the guidance for recommendations on data entry for non-detect values.

Site Name : Former 2636 and 2622 through 2626 West State Street			BRRTS No. = 03-41-233634		Well Number = MW-5	
	Compound ->	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total TMB	
		Concentration	Concentration	Concentration	Concentration	Concentration	Concentration
Event Number	Sampling Date (most recent last)	(leave blank if no data)	(leave blank if no data)	(leave blank if no data)	(leave blank if no data)	(leave blank if no data)	(leave blank if no data)
1	29-Aug-01	101.00	11.00	746.00	1,259.00	878.00	
2	4-Feb-05	74.00	8.40	313.00	833.00	898.00	
3	10-Nov-05	110.00	6.70	475.00	1,388.00	1,427.00	
4	14-Feb-06	57.00	4.40	584.00	2,296.00	1,951.00	
5							
6							
7							
8							
9							
10							
	Mann Kendall Statistic (S) =	-2.0	-6.0	0.0	4.0	6.0	0.0
	Number of Rounds (n) =	4	4	4	4	4	0
	Average =	85.50	7.63	529.50	1444.00	1288.50	#DIV/0!
	Standard Deviation =	24.393	2.784	182.286	615.518	509.604	#DIV/0!
	Coefficient of Variation(CV)=	0.285	0.365	0.344	0.426	0.396	#DIV/0!
Error Check, Blank if No Errors Detected							n<4
Trend ≥ 80% Confidence Level		No Trend	**DECREASING**	No Trend	**INCREASING**	**INCREASING**	n<4
Trend ≥ 90% Confidence Level		No Trend	**DECREASING**	No Trend	No Trend	**INCREASING**	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		**CV <= 1 STABLE**	NA	**CV <= 1 STABLE**	NA	NA	n<4 n<4
	Data Entry By = E.B.		Date = 8-Mar-06		Checked By = K.B.		

State of Wisconsin
Department of Natural Resources
Remediation and Redevelopment Program

Mann-Kendall Statistical Test
Form 4400-215 (2/2001)

Notice: This form is the DNR supplied spreadsheet referenced in Appendices A of Comm 46 and NR 746, Wis. Adm. Code. It is provided to consultants as an optional tool for groundwater contaminant trend analysis to support site closure requests under s. Comm 46.07, Comm 46.08, NR 746.07, NR 746.08, Wis. Adm. Code. Use this form or a manual method when seeking case closure under those rules. Earlier versions of this form should not be used.

Instructions: Do not change formulas or other information in cells with a blue background, only cells with a yellow background are used for data entry. To use the spreadsheet, provide at least four rounds and not more than ten rounds of data that is not seasonally affected. Use consistent units. The spreadsheet contains several error checks, and a data entry error may cause "DATA ERR" or "DATE ERR" to be displayed. Dates that are not consecutive will show an error message and will not display the test results. The spreadsheet tests the data for both increasing and decreasing trends at both 80 percent and 90 percent confidence levels. If a declining trend is present at 80 percent but not at 90 percent, a site is still eligible for closure under Comm 46 and NR 746 provided that other conditions in those rules are met. If an increasing or decreasing trend is not present, an additional coefficient of variation test is used to test for stability, as proposed by Wiedemeier et al, 1999. For additional information, refer to the Interim Guidance on Natural Attenuation for Petroleum Releases, dated October 1999. Refer to the guidance for recommendations on data entry for non-detect values.

Site Name : Former 2636 and 2622 through 2626 West State Street	BRRTS No. = 03-41-233634	Well Number = MW-6

	Compound ->	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total TMB	Napthalene
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	29-Aug-01	356.00	110.00	535.00	1.10	208.00	
2	4-Feb-05	105.00	32.00	205.00	0.74	96.00	
3	10-Nov-05	91.00	46.00	377.00	888.00	172.00	
4	14-Feb-06	56.00	20.00	145.00	356.00	73.00	
5							
6							
7							
8							
9							
10							
	Mann Kendall Statistic (S) =	-6.0	-4.0	-4.0	2.0	-4.0	0.0
	Number of Rounds (n) =	4	4	4	4	4	0
	Average =	152.00	52.00	315.50	311.46	137.25	#DIV/0!
	Standard Deviation =	137.552	40.100	176.298	419.226	63.358	#DIV/0!
	Coefficient of Variation(CV)=	0.905	0.771	0.559	1.346	0.462	#DIV/0!
Error Check, Blank if No Errors Detected							n<4
Trend ≥ 80% Confidence Level		**DECREASING**	**DECREASING**	**DECREASING**	No Trend	**DECREASING**	n<4
Trend ≥ 90% Confidence Level		**DECREASING**	No Trend	No Trend	No Trend	No Trend	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		NA	NA	NA	CV > 1 NON-STABLE	NA	n<4 n<4

Data Entry By = E.P.	Date = 8-Mar-06	Checked By = K.B.