GIS REGISTRY INFORMATION

SITE NAME:	Whitewater Oil Co (Former Bulk Plant)		
BRRTS #:	02-65-304996	**FID #** (if appropriate):	
COMMERCE #:	53190-2016-40-A		
CLOSURE DATE:	**March 5, 2008**		
STREET ADDRESS:	240 S Green St		
CITY:	Whitewater		

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X =**	**624124**	**Y =**	**262953**

CONTAMINATED MEDIA:	Groundwater		Soil		Both	X
OFF-SOURCE GW CONTAMINATION >ES:			**Yes**		**No**	

• **IF YES, STREET ADDRESS:**				
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**		**Y =**	
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):	**Yes**		**No**	
• **IF YES, STREET ADDRESS 1:**				
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**		**Y =**	
CONTAMINATION IN RIGHT OF WAY:	**Yes**		**No**	

DOCUMENTS NEEDED

Closure Letter, and any conditional closure letter issued or denial letter issued	X
Copy of any maintenance plan referenced in the final closure letter	X
Copy of (soil or land use) deed notice *if any required as a condition of closure*	
Copy of most recent deed, including legal description, for all affected properties	X
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties	X
County Parcel ID number, *if used for county*, for all affected properties TRP 00035	X
Location Map that outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily. If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.	X
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.	X
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	X
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	X
Isoconcentration map(s), *if required for site investigation (SI).* The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.**	X
GW: Table of water level elevations, with sampling dates, and free product noted if present	X
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	X
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	X
Geologic cross-sections, *if required for SI*	X
RP certified statement that legal descriptions are complete and accurate	X
Copies of off-source notification letters (if applicable)	
Letter informing ROW owner of residual contamination (if applicable) (public, highway or railroad ROW)	

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
9316 North 107th Street
Milwaukee, Wisconsin 53224-1121
TDD #: (608) 264-8777
Fax #: (414) 357-4700
Jim Doyle, Governor
Jack L. Fischer, A.I.A., Secretary

March 5, 2008

Mr. Larry Zimmerman
Whitewater Oil Co., Inc.
226 Wood Street
Whitewater, WI 53190

RE: **Final Closure with Land Use Limitation**

Commerce # 53190-2016-40-A DNR BRRTS # 02-65-304996
Whitewater Oil Co. (Former Bulk Plant), 240 South Green Street, Whitewater

Dear Mr. Zimmerman:

The Wisconsin Department of Commerce (Commerce) has determined that this site does not pose a significant threat to the environment and human health so long as current and subsequent property owner(s) adhere to the following limitations:

- The barrier cap must be maintained in accordance with the enclosed maintenance plan.

Commerce has the authority per section 292.12(2), Wis. Stats., to require the maintenance of a barrier cap at this property. Failure to adhere to this limitation may result in financial penalties from $10 to $5,000 per day in accordance with section 292.99(1), Wis. Stats. Commerce may conduct inspections to ensure compliance with the maintenance plan. In the future, you may request that Commerce review *new* information to determine if the cap requirement can be changed or removed.

The seven site groundwater monitoring wells were abandoned on January 16, 2008, and the abandonment forms submitted to Commerce.

This site is now listed as "closed" on the Commerce database and will be included on the Department of Natural Resources (DNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to document residual soil and groundwater contamination that remains above state standards. It is in your best interest to keep all documentation related to the environmental activities at your site.

Please note that if contaminated soil is excavated in the future, it must be managed in accordance with all applicable state and federal regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required.

Thank you for your efforts to protect and restore Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 357-4704.

Sincerely,

Stephen D. Mueller
Senior Hydrogeologist
Site Review Section

Enclosure: Barrier Operation and Maintenance Plan

cc: Mr. Timothy Wimmer, Sigma Environmental Services, Inc.

BARRIER OPERATION AND MAINTENANCE PLAN
WHITEWATER OIL CO (FORMER BULK PLANT)
240 SOUTH GREEN STREET, WHITEWATER, WISCONSIN
FEBRUARY 2008

Legal Description: Lots Five (5), Six (6) and Seven (7) of Block Three (3) of Trippe's and Posey's Subdivision of Block Ten (10) of Trippe's Second Addition to the City of Whitewater, Walworth County, Wisconsin; also so much of Out Lot No. Eleven (11) of said Subdivision of said Block Ten (10) described as follows: Beginning at the northwest corner of said Lot Five (5) above referred to; thence southerly along the westerly boundary line of said Lots Five (5), Six (6) and Seven (7) to a point ; thence west a distance of 23.58 feet to a point; thence northwesterly to a point 36.45 feet east of the place of beginning; thence east 36.45 feet to the place of beginning.

Parcel ID Number: TRP-00035

BRRTS#: 02-65-304996
COMM#: 53190-2016-40-A

In accordance with Ch. NR 724.13(2), Wis. Admin. Code, this Barrier Operation and Maintenance Plan (BOMP) is designed to limit direct contact with the known residual soil and shallow groundwater contamination at the Whitewater Oil Co. property, as shown in Figure 1. The clean backfill, or any replacement barrier, will function as intended unless disturbed.

Disturbance Management. The site owner shall take the following steps to assure that uncontrolled disturbances of the barrier do not occur:

- A copy of this BOMP will be available on-site from the property owner to all interested parties.
- A copy of this BOMP will be provided to all private utilities seeking easements for the purpose of installing facilities on the property.
- A copy of this BOMP will be provided to all contractors and repair workers during any intrusive subsurface work on this portion of the property.
- On-site personnel employed by future business operators will be made familiar with the contents and restriction requirements of this BOMP.

Inspections of Barrier. Inspections will be required to assure that the barrier is functioning as intended:

- Annual inspections of the paved and/or landscaped surfaces will be performed by authorized personnel from the site owner, and will include observations about the integrity of the paved and/or landscaped surface in the vicinity of the residual soil

impacts. Inspections will be compared to the previous inspection notes to monitor the relative condition of the paved surface.

- As necessary, the engineered barriers will be repaired to maintain integrity. Repairs may include, but are not limited to, patching or replacing the paved surface where it has cracked or otherwise broken, or replacing soil in low areas.

- An inspection log will be maintained on-site to record any disturbances of the barrier and the steps that have been taken to repair and maintain the integrity of the barrier. The inspection log will be made available for inspection by representatives of the Wisconsin Department of Commerce, its successors and/or other state or municipal agency upon reasonable prior request. The on-site inspection log will be maintained as long as inspection and maintenance of the barrier is required. A copy of the log is attached hereto.

Planned Breaches of Barrier. In the event that a planned breach of the barrier is required, the following precautions shall be taken:

- The site owner shall be given 48-hour notice of any planned breach.

- To the extent possible, all material excavated from beneath the barrier will be returned to the excavation prior to the restoration of the barrier. The excavation zone and any soils excavated will be secured from public access until the barrier is restored. While on-site, the excavated soil will be placed on an impervious surface (e.g., existing concrete and/or plastic) and covered with plastic. Soil that cannot be returned to the excavation will be sampled and disposed of at a licensed landfill facility in accordance with applicable solid and hazardous waste rules and regulations. All contaminated soils that are stored, treated, excavated, removed, or transported off-site shall be managed per procedures and reporting requirements set forth in ch. NR 718, Wisconsin Administrative Code.

- The barrier will be restored to meet original conditions. This work, including the proper disposal of excess soils, should be completed within 72 hours following the completion of any on-site work, or as soon as reasonably practical.

- Details of the barrier breach, the handling of excavated soils, individuals responsible for the work, and the restoration of the barrier shall be recorded in the barrier maintenance log.

- This BOMP can be amended or withdrawn by the property owner or successors with the written approval of the Wisconsin Department of Commerce.

Contact Information.

For responsible party information contact:

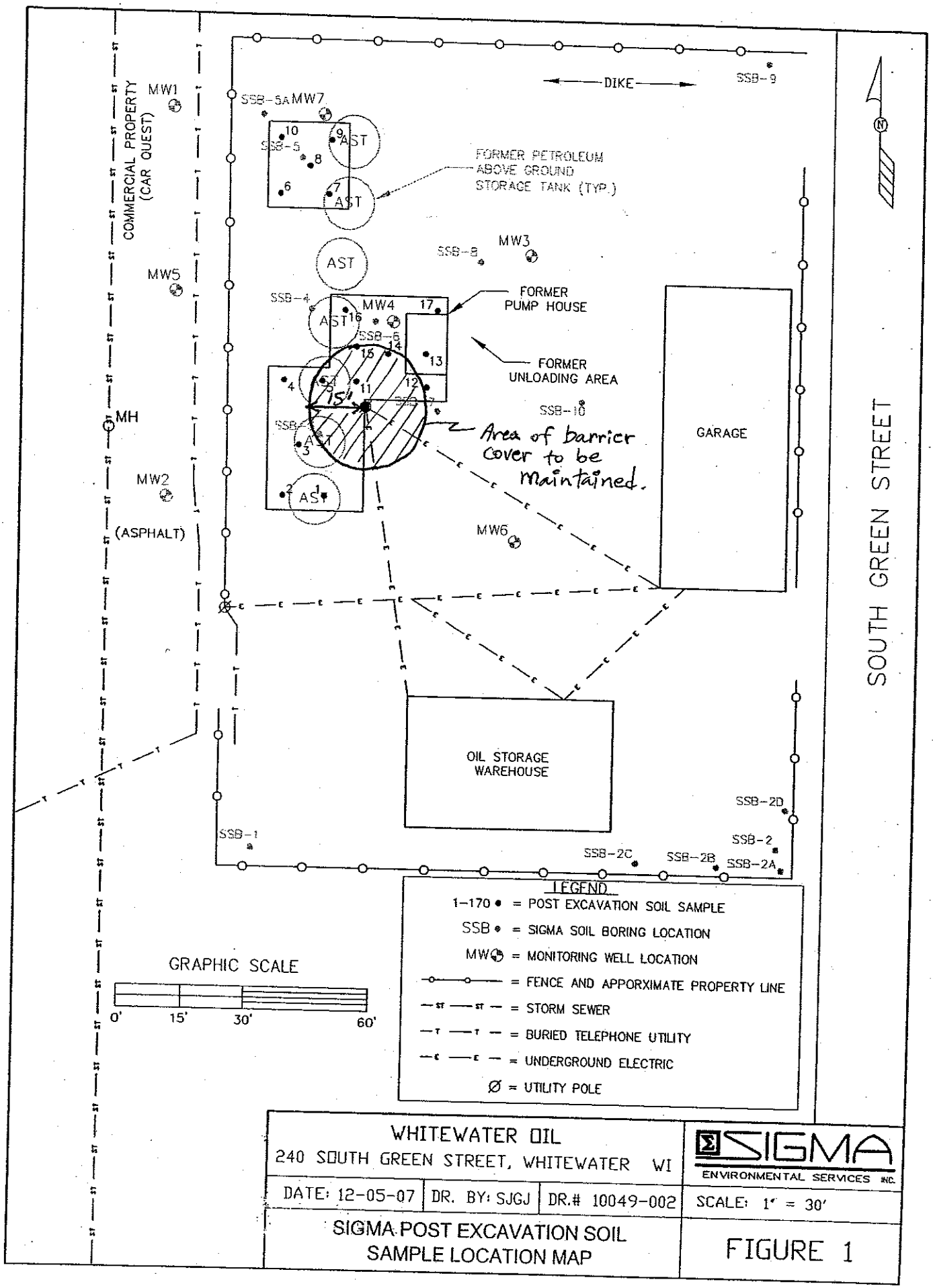
Mr. Larry Zimmerman
226 Wood St.
Whitewater, WI 53190-0126
(262) 473-3900

For environmental consultant information contact:

Mr. Timothy Wimmer, P.G.
Sigma Environmental Services, Inc.
1300 West Canal Street
Milwaukee, WI 53233
Telephone: (414) 643-4200
Fax: (414) 643-4210

For Wisconsin Department of Commerce information contact:

Mr. Stephen Mueller
Wisconsin Department of Commerce
Environmental & Regulatory Services Division
Bureau of PECFA
9316 North 107th Street
Milwaukee, WI 53224
(414) 357-4704



WHITEWATER OIL
240 SOUTH GREEN STREET, WHITEWATER WI

SIGMA ENVIRONMENTAL SERVICES INC.

DATE: 12-05-07	DR. BY: SJGJ	DR.# 10049-002	SCALE: 1" = 30'

SIGMA POST EXCAVATION SOIL SAMPLE LOCATION MAP

FIGURE 1

K:\Whitewater\10049\10049-002.dwg, Model, 1/23/2008 9:11:58 AM, Letter, 1:30

Exhibit A

Barrier Inspection Log

Inspection Date	Inspector	Condition of Cap	Recommendations	Have recommendations from previous inspection been implemented? Who did work, what was done & when?

STATE BAR OF WISCONSIN FORM 3 – 1998
QUIT CLAIM DEED

0507106

Document Number

This Deed, made between LAWRENCE L. ZIMMERMAN a/k/a LAWRENCE ZIMMERMAN a/k/a LARRY ZIMMERMAN and SHIRLEE J. ZIMMERMAN a/k/a SHIRLEE ZIMMERMAN, his wife

Grantor,

and LAWRENCE L. ZIMMERMAN and SHIRLEE J. ZIMMERMAN, his wife, as survivorship marital property

Grantee,

Grantor quit claims to Grantee the following described real estate in Walworth County State of Wisconsin:

RECORDED ON

2002 APR 15 PM 3 21

CONNIE J. [illegible]
REGISTER OF DEEDS
WALWORTH COUNTY, WI

Recording Area

Name and Return Address

Mr. Sam J. Soffa
SOFFA & DEVITT, LLC
332 W. Whitewater Street
Whitewater, WI 53190

13.00

1. Lots Five (5), Six (6) and Seven (7) of Block Three (3) of Tripp's and Posey's Subdivision of Block Ten (10) of Tripp's Second Addition to the City of Whitewater, Walworth County, Wisconsin; also so much of Out Lot No. Eleven (11) of said Subdivision of said Block Ten (10) described as follows: Beginning at the northwest corner of said Lot Five (5) above referred to; thence southerly along the westerly boundary line of said Lots Five (5), Six (6) and Seven (7) to a point; thence west a distance of 23.58 feet to a point; thence northwesterly to a point 36.45 feet east of the place of beginning; thence east 36.45 feet to the place of beginning.

Tax Key No. /TRP 00035

/DA 00020 Homestead of Grantors

Parcel Identification Number (PIN)

This _____ homestead property.
(is) (is not)

2. Lots 5, 6, 7 and 8, Block 3, George Dann's Addition to the City of Whitewater, according to the recorded plat thereof. Said land being in the City of Whitewater, Walworth County, Wisconsin. Lots 7, 8 and 9, Block 4, Joseph Dann's Addition to the City of Whitewater, according to the recorded plat thereof. Said land being in the City of Whitewater, Walworth County, Wisconsin. Lot 2 of Certified Survey No. 400 recorded August 19, 1974 in Volume 2 of Certified Surveys at page 196 as Document No. 682159 and being a part of Lot 1 and West 1/2 of Lot 2 in Block 3 of George Dann's Addition to the City of Whitewater, Walworth County, Wisconsin.

Tax Key No. /DA 00020

3. A parcel of land located in Outlot 11, Block 3, Tripp and Posey's Subdivision of Block 10 of Tripp's Second Addition, City of Whitewater, Walworth County, Wisconsin and described as follows, to-wit: Commencing at a 4 inch square concrete monument at the intersection of the South line of the Chicago, Milwaukee, St. Paul and Pacific Railroad right-of-way and the

together with all appurtenant rights, title and interest.

(see reverse side)

FEE $30.00 EXEMPT

Dated this 5th day of April 2002

_____ (SEAL)

_____ (SEAL)

Lawrence L. Zimmerman (SEAL)
Lawrence L. Zimmerman

Shirlee J. Zimmerman (SEAL)
Shirlee J. Zimmerman

AUTHENTICATION

Signature(s) _____

authenticated this _____ day of _____

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____ authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Sam J. Soffa
SOFFA & DEVITT, LLC
332 W. Whitewater Street
Whitewater, WI 53190

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

State of Wisconsin,
WALWORTH County, } ss.

Personally came before me this 5th day of April 2002, the above named Lawrence L. Zimmerman and Shirlee J. Zimmerman

to me known to be the person s who executed the foregoing instrument and acknowledge the same.

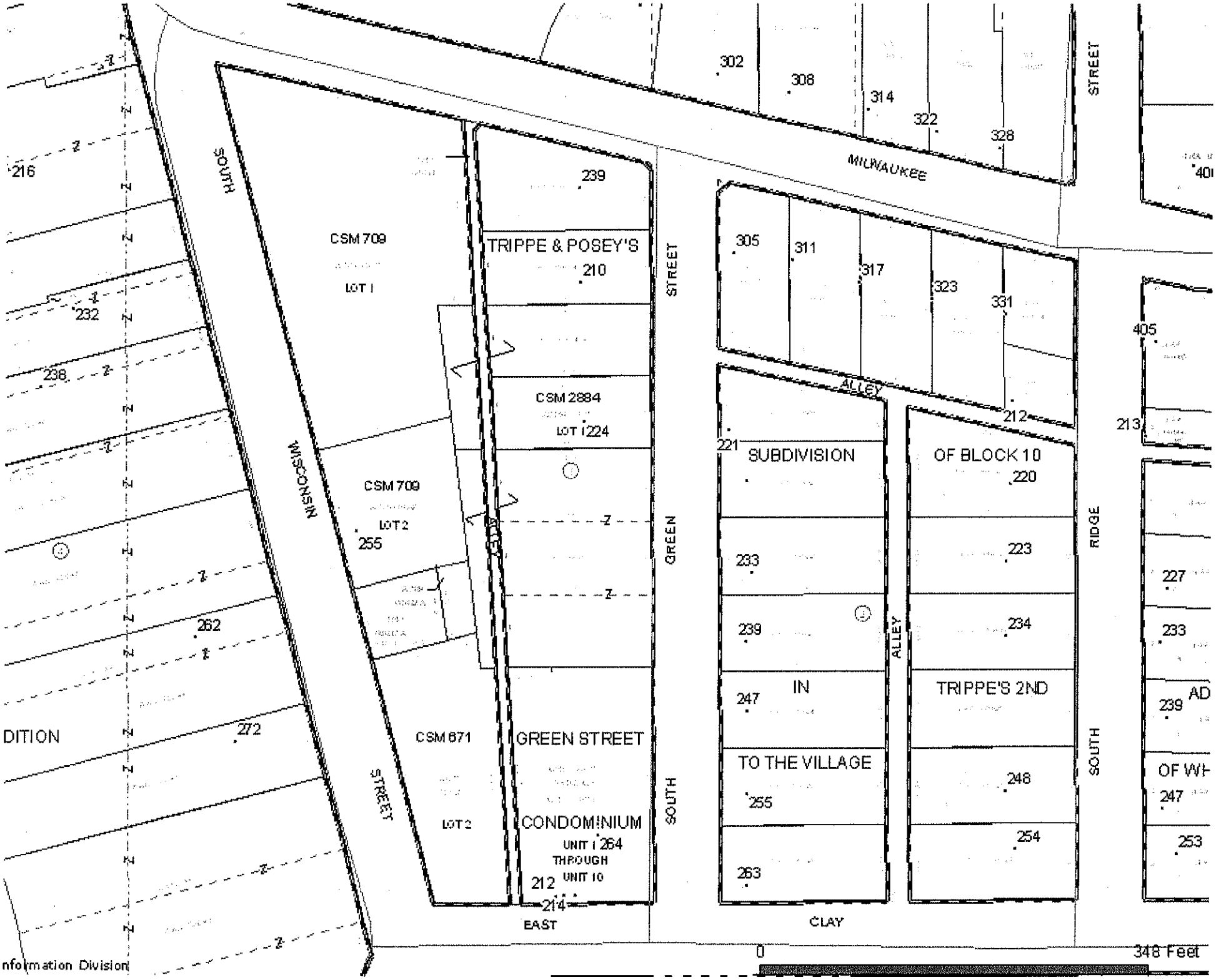
Sam J. Soffa
Notary Public, State of Wisconsin
My commission is permanent. XXXX

westerly line of Wisconsin Street; thence South 14° 33' feet 643.66 feet; thence North 75° 27' East 66.00 feet to the point of beginning; thence continue North 75° 27' East 78.26 feet; thence South 8° 24' East 66.38 feet; thence South 75° 27' West 71.15 feet; thence North 14° 33' West 66.00 feet to the place of beginning.
Tax Key No. /TRF 00037A

4. A parcel of land located in the City of Whitewater, County of Walworth, State of Wisconsin, more particularly described as follows, to-wit: All that part of Lot 2 of Certified Survey No. 709 recorded in the Walworth County Register of Deeds Office in Vol. 3 of Certified Surveys at page 214 as Document No. 22231 which lies South of a line drawn as follows, to-wit: Begin at a point on the West line of said Lot 2 of said Certified Survey Map No. 709 which lies South 14°33'00 East 130 feet from the NW corner of said Lot 2 thence North 75°27'00" East 78.26 feet to a point; thence continue North 75°27'00" East to the East line of said Lot 2 of Certified Survey Map No. 709 and the ending point of the line herein described.
Tax Key No. /A 709000002A

Beginning at the Northwest corner of Lot 7 of Block 4 of Joseph Dann's Addition to the City of Whitewater; thence Southerly along the West line of Lots 7, 8, and 9 of Block 4 of Joseph Dann's Addition to the City of Whitewater (said West line also being the East line of Fonda St., now discontinued) to the Southwest corner of Lot 9, Block 4 of Joseph Dann's Addition to the City of Whitewater; thence Westerly along the extention Westerly of the South line of Lot 9 of Block 4 of Joseph Dann's Addition to the City of Whitewater 33 ft more or less to the point of intersection of said South line of Lot 9 of Block 4 of Joseph Dann's Addition extended Westerly with the extention Southerly of the East line of Lot 5 of Block 3 of Dann's Addition to the City of Whitewater; thence Northerly along the East line of said Lot 5 of Block 3 of Dann's Addition to the City of Whitewater and the Southerly extention thereof (also being the Westerly line of Fonda St. also sometimes known as North Fonda St.) to the Northeast corner of Lot 5 of Block 3 of Dann's Addition to the City of Whitewater (which Northwest corner also lies on the South line of East Cravath St.); thence Easterly along the South line of East Cravath St. 33 ft more or less to the place of beginning (said place of beginning being the NW'ly corner of Lot 7 of Block 4 of Joseph Dann's Addition to the City of Whitewater).

The above described parcel being that portion of Fonda St. also sometimes known as North Fonda St. which has been discontinued and which lies North of the extention Westerly of the South line of Lot 9 of Block 4 of Joseph Dann's Addition to the City of Whitewater, which street has been discontinued by the Common Council of the City of Whitewater is evidenced by the resolution recorded in the Office of the Regstier of Deeds for Walowrth County, Wisconsin as document number 209484.
Part of Tax Key No. /DA 00020


MILWAUKEE
STREET
302
308
314
322
328
SOUTH
WISCONSIN
STREET
216
232
238
262
272
DITION
CSM 709
LOT 1
CSM 709
LOT 2
255
CSM 671
LOT 2
239
TRIPPE & POSEY'S
210
CSM 2884
LOT 1 224
GREEN STREET
CONDOMINIUM
UNIT 1 264
THROUGH
UNIT 10
212
214
EAST
STREET
GREEN
SOUTH
305
311
317
323
331
ALLEY
212
221
SUBDIVISION
OF BLOCK 10
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223
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IN
TRIPPE'S 2ND
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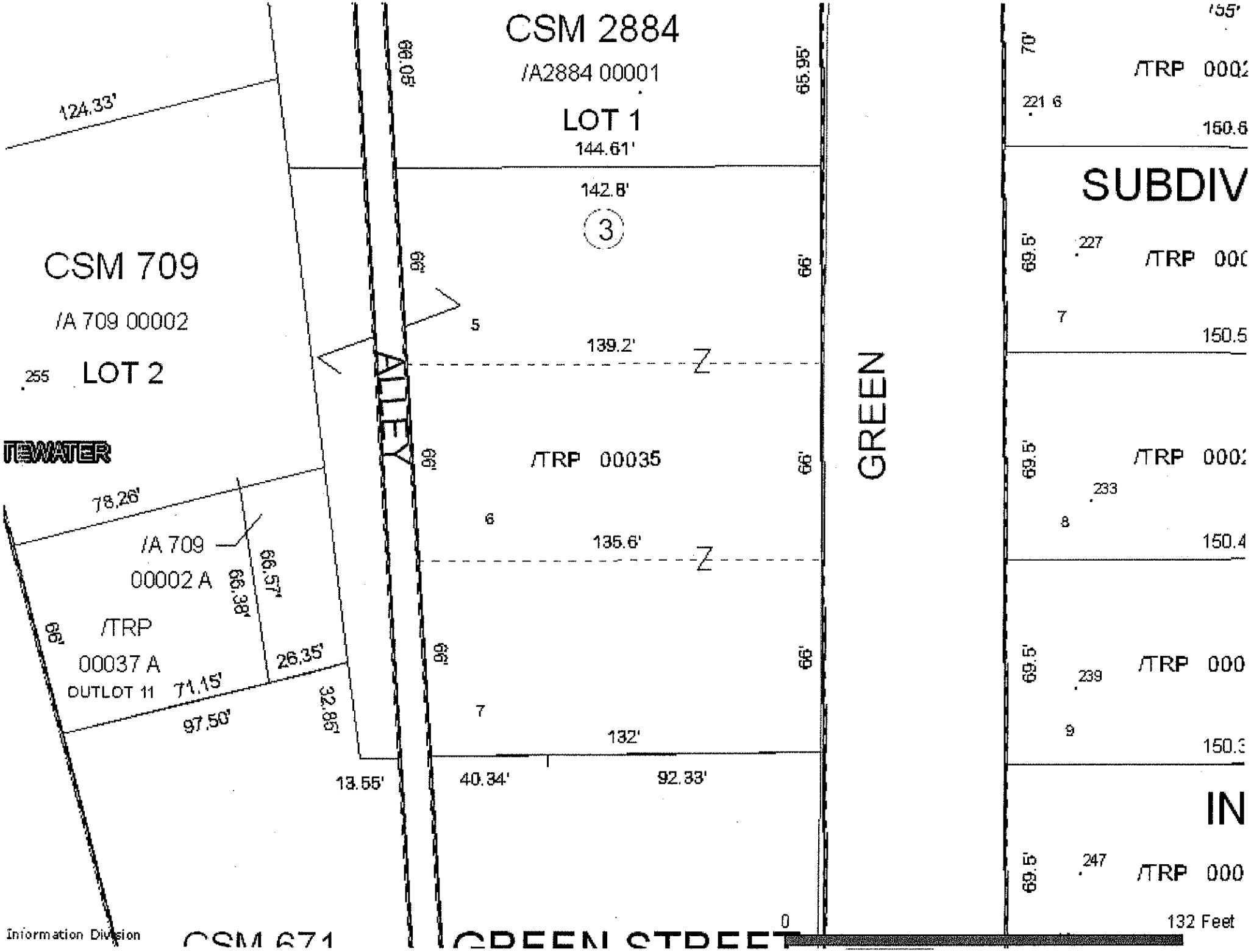
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142.8'
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CSM 709
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124.33'
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/TRP
00037 A
OUTLOT 11
71.15'
97.50'
26.35'
32.85'
66.38'
66.57'
66'
66.05'
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ALLEY
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135.6'
7
132'
13.55'
40.34'
92.33'
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70'
221 6
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SUBDIV
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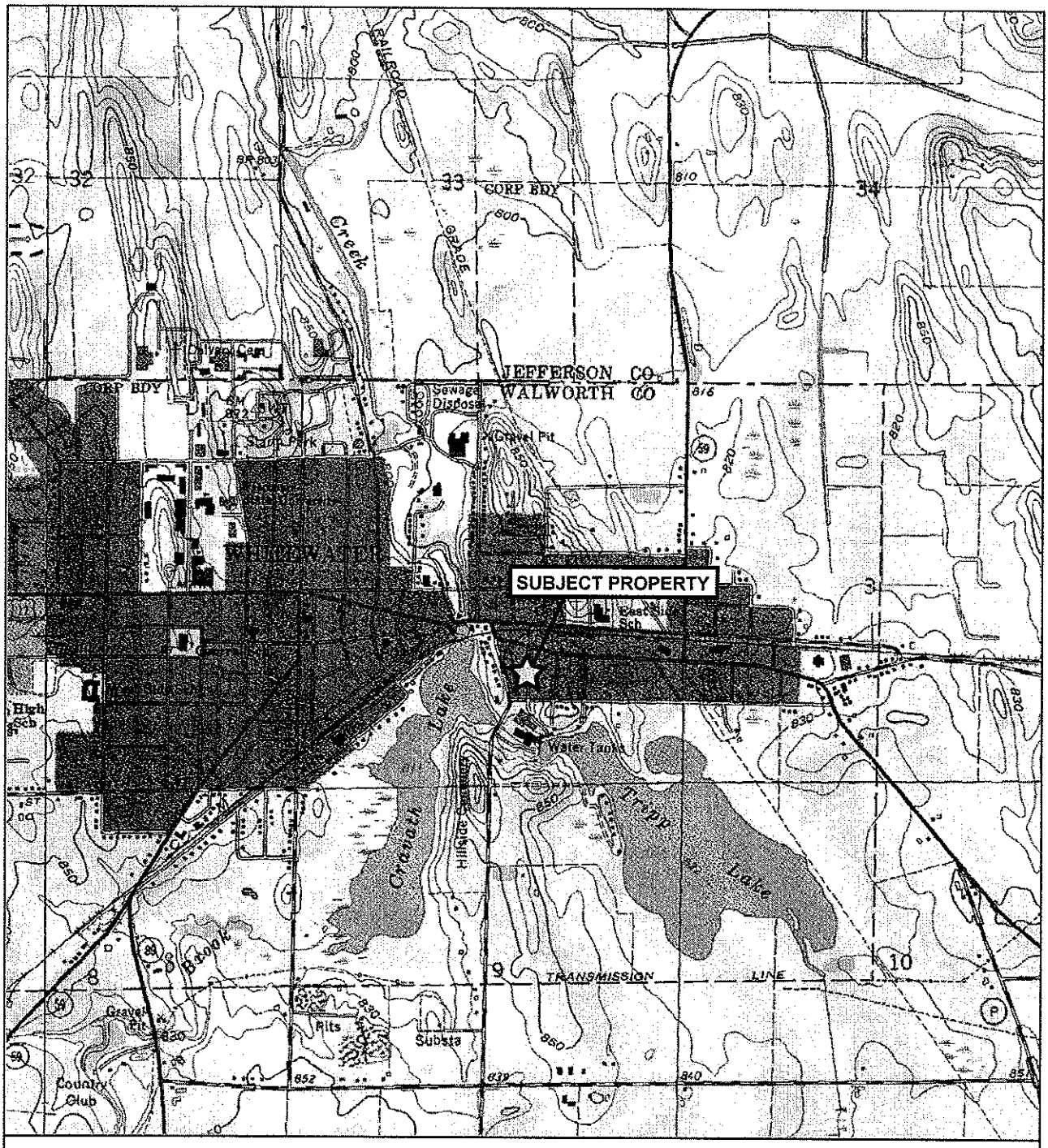
Information Division
CSM 671
GREEN STREET



Located in NW 1/4 of the SE 1/4, Section 4, T4N, R15E, City of Whitewater, Walworth County, Wisconsin

Site/Client: Whitewater Oil Co.
Address: 240 South Green Street
Whitewater, WI 53190
Project: #10049

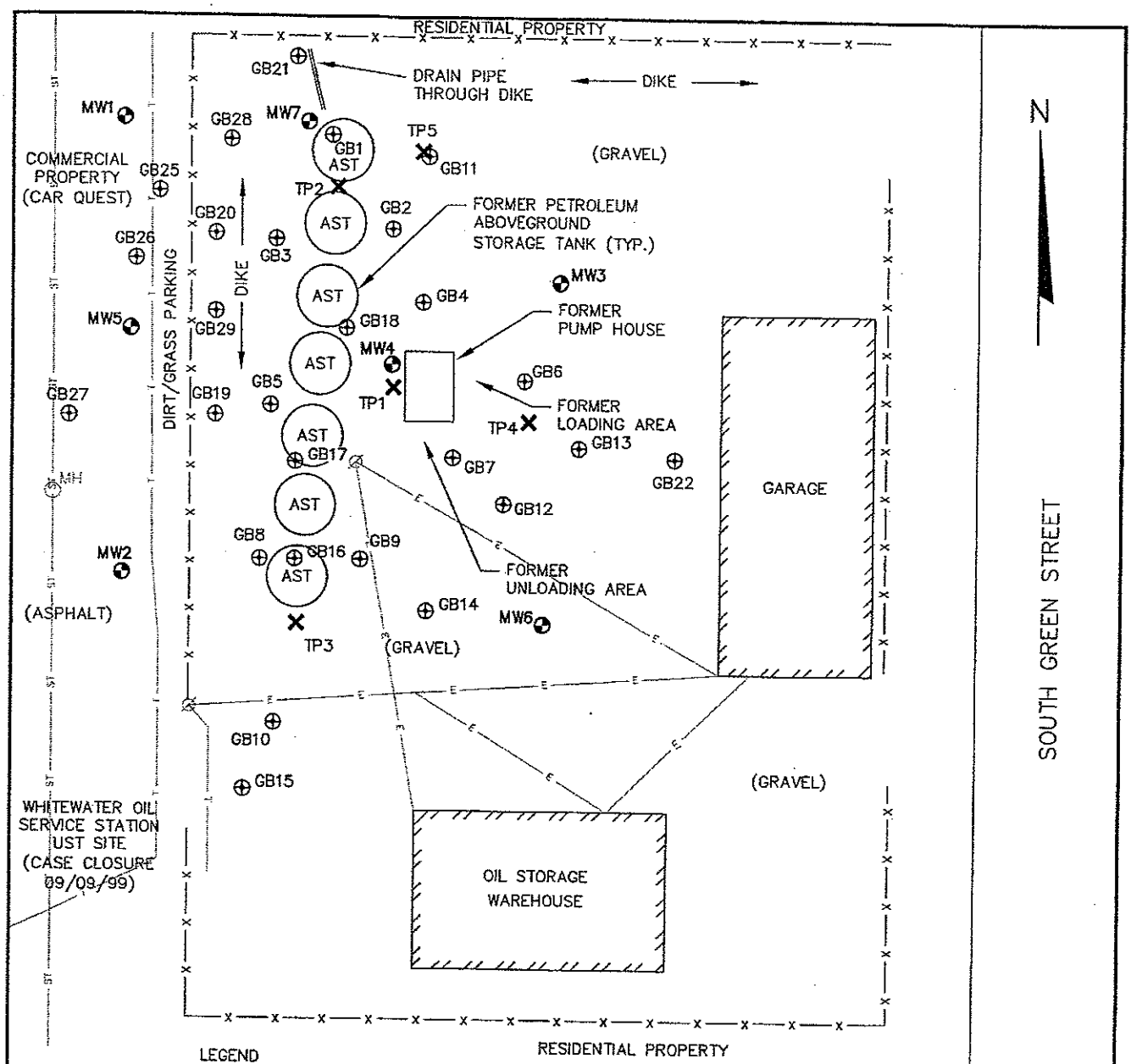
FIGURE 1
SITE LOCATION MAP

THE SIGMA GROUP
Single Source. Sound Solutions.

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

Scale 1 : 24,000
1 inch = 2,000 feet

N



LEGEND

- FENCE AND APPROXIMATE PROPERTY LINE
- STORM SEWER
- UNDERGROUND ELECTRIC
- BURIED TELEPHONE UTILITY
- UTILITY POLE
- TEST PIT SOIL SAMPLE (SAMPLED 12/19/01)
- GEOPROBE BORING
- MONITORING WELL

NOTES:

1. UTILITY LOCATIONS ARE APPROXIMATE.
2. PETROLEUM ABOVEGROUND STORAGE TANKS (AST) WERE REMOVED ON JANUARY 8, 2002.

30 0 30

SCALE: 1" = 30'

PROJECT NO. 2166	FIGURE 3 TEST PIT, GEOPROBE BORING, AND MONITORING WELL LOCATIONS WHITEWATER OIL 240 SOUTH GREEN STREET WHITEWATER, WISCONSIN
DRAWN BY: KP/CS	
CHECKED BY: JM	
DRAWN: 08/12/02	
REVISED: 07/12/04	

BTI inc.

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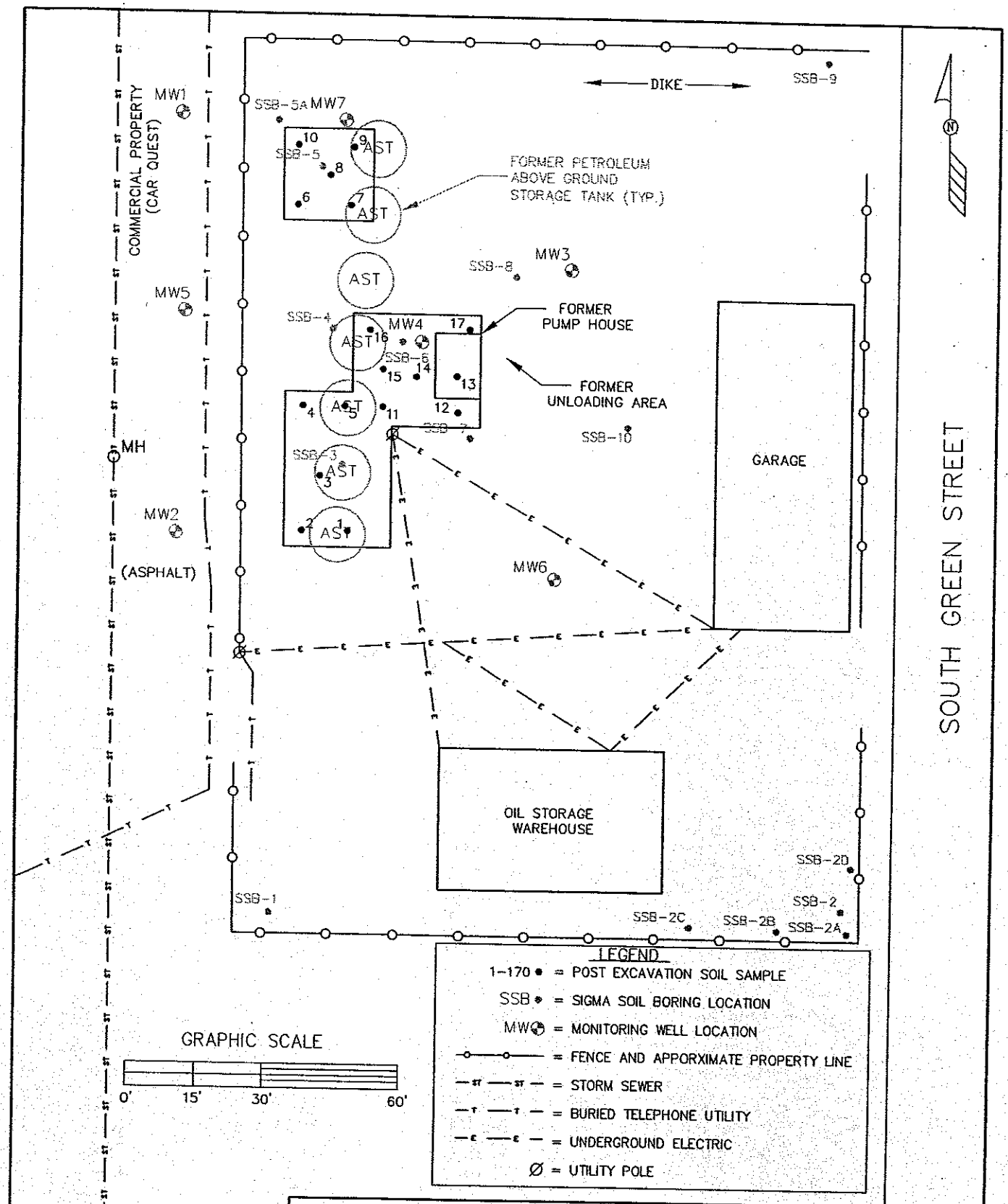

WHITEWATER OIL
240 SOUTH GREEN STREET, WHITEWATER WI

SIGMA ENVIRONMENTAL SERVICES INC.

DATE: 12-05-07	DR. BY: SJGJ	DR.# 10049-002	SCALE: 1" = 30'

SIGMA POST EXCAVATION SOIL SAMPLE LOCATION MAP

FIGURE 1

K:\whitewater\10049\10049-002.dwg, Model, 1/23/2008 9:11:58 AM, Letter, 1:30

Table 4
Groundwater Analytical Results Summary
Whitewater Oil, 240 S. Green Street / BT^2 Project #2166
(Results are in $\mu g/l$)

Sample	Date	Lead (Dissolved)	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Other VOCs
GB1	12/03/02	NA	<0.31	9.55	3.73	0.768 J	0.529 J	<0.3	NA
GB3	12/03/02	NA	**158**	**2,700**	**6,160**	**15,360**	**2,815**	<6.00	NA
GB5	12/03/02	NA	**647**	**1,520**	111	*3,902*	**1,998**	<15.0	NA
GB27	11/25/03	NA	*2.18*	1.86	11.1	8.16	1.41	9.96	NA
MW1	08/13/03	<1.00	<0.31	<0.5	<0.3	<0.92	<0.71 CSH	0.481 J	ND
	01/19/04	NA	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA
MW2	08/13/03	<1.00	<0.31	<0.5	<0.3	<0.92	<0.71 CSH	<0.3	ND
	01/19/04	NA	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA
MW3	08/13/03	<1.00	<0.31	<0.5	<0.3	<0.92	<0.71 CSH	3.5	ND
	01/19/04	NA	<0.31	<0.5	<0.3	<0.92	<0.71	0.94 J	NA
MW4	08/13/03	<1.00	**6.81**	11.5	<0.3	1.152 J	1.506 J	7.1	tert-Butylbenzene 0.356 J Naphthalene 4.77 CSH n-Propylbenzene 0.545 J
	01/19/04	NA	**35.4**	23.2	0.657 J	0.856 J	0.43 J	11.7	NA
MW5	01/19/04	<1.00	<0.31	<0.5	<0.3	<0.92	<0.71	0.488 J	ND
MW6	01/19/04	<1.00	<0.31	<0.5	<0.3	<0.92	<0.71	2.9	ND
MW7	01/19/04	<1.0	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	ND
Trip Blank	12/03/02	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA
	08/13/03	NA	<0.31	<0.5	0.478 J	<0.92	<0.71 CSH	<0.3	ND
	11/25/03	NA	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA
	01/19/04	NA	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	ND
NR 140 Enforcement Standards		15	5	700	1,000	10,000	480	60	Naphthalene 40
NR 140 Preventive Action Limits		1.5	0.5	140	200	1,000	96	12	Naphthalene 8

ABBREVIATIONS:
$\mu g/l$ = micrograms per liter or parts per billion (ppb)
MTBE = Methyl-tert-butyl ether
GRO = Gasoline Range Organics
NA = Not Analyzed
TMBs = 1,2,4- and 1,3,5-trimethylbenzenes
VOCs = Volitale Organic Compounds

NOTES:
Bold values meet or exceed NR 140 enforcement standards.
Italic values meet or exceed NR 140 preventive action limits.

Table 4
Groundwater Analytical Results Summary
Whitewater Oil, 240 S. Green Street / BT^2 Project #2166

LABORATORY NOTES:

G2 = The chromatogram has characteristics of an aged gasoline sample.
G3 = The chromatogram is not characteristic for either gas or aged gas. It has a reportable concentration of peaks/area within the GRO window.
G5 = The chromatogram contains a significant number of peaks outside the GRO window.
G8 = The chromatogram is characteristic for aged gasoline, however either additional peaks are present or PVOC peaks are not proportional to aged gasoline indicating the presence of additional compounds.
J = Estimated concentration below laboratory quantitation level.
CSH = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

Created by: LMH 1/10/03
Checked by: JMM 1/13/03; 9/5/03; 1/8/04

Table 2
DRO, GRO, and PVOCs in Soil Samples
Whitewater Oil, 240 S. Green Street / BT^2 Project #2166
(Results are in μg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Lab Notes	DRO (mg/kg)	GRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Lead (mg/kg)
GB1-S1	12/03/02	2	--	8.59 D2B, D5	<6.61	<25	<25	<25	<50	<25	<25	<25	20.2
GB2-S1	12/03/02	2	--	<5.98	<5.98	<25	<25	<25	<50	<25	<25	<25	8.9
GB3-S1	12/03/02	2	--	<6.35	<6.35	<25	<25	<25	<50	<25	<25	<25	**60.9**
GB4-S2	12/03/02	3	--	<6.11	<6.11	<25	<25	<25	<50	<25	<25	<25	10.9
GB5-S1	12/03/02	2	--	<6.23	<6.23	<25	<25	<25	<50	<25	<25	<25	9.24
GB6-S2	12/03/02	4	--	<6.20	<6.20	<25	<25	<25	<50	<25	<25	<25	10.9
GB7-S1	12/03/02	2	--	**11,300** D1	**586** G2, G6	<400	1,690	**2,340**	**16,930**	12,400	7,960	<400	5.57
GB7-S3	12/03/02	6	--	**2,960** D1	**553** G3, G6	**899**	2,400	<200	782	<200	<200	<200	6.39
GB8-S1	12/03/02	2	--	24.5 D2B	<5.98	<25	<25	<25	<50	<25	<25	<25	**161**
GB9-S2	12/03/02	4	--	**104** D2B, D5	<6.04	**140**	45.5	<25	116.2	78.4	39.1	<25	43.4
GB10-S2	12/03/02	4	--	**125** D2B, D5	<6.39	<25	<25	<25	<50	<25	<25	<25	26.2
GB11-S1	12/03/02	2	--	<6.24	<6.24	<25	<25	<25	<50	<25	<25	<25	13
GB12-S2	12/03/02	3	--	NA	28.5 G3, G6	<25	183	<25	92.6	160	199	<25	9.21
GB13-S2	06/23/03	2-3	(8) (9)	28.3	46.8	<25	1,000	<25	1,058	1,850	885	<25	NA
GB14-S2	06/23/03	2-3	(1) (2)	**329**	11	<25	156	<25	229.8	237	126	174	NA
GB15-S2	06/23/03	3-4	(1)	97.7	<6.08	<25	39.5	<25	36.7	36.6	32.7	<25	NA
GB16-S1	06/23/03	1-2	--	<6.26	<6.26	<25	<25	<25	<50	<25	<25	<25	NA
GB17-S2	06/23/03	2-3	(3) (4)	**2,150**	**349**	***1,120***	1,650	273	1,666	<200	<200	<200	NA
GB18-S1	06/23/03	1-2	--	<6.24	<6.24	<25	<25	<25	37.7	<25	<25	<25	NA
GB19-S1	06/23/03	1-2	(5)	18.8	<5.61	<25	<25	<25	<50	<25	<25	<25	NA
GB20-S2	06/23/03	2-4	--	<5.80	<5.80	<25	<25	<25	<50	<25	<25	<25	NA
GB20-S3	06/23/03	4-5	(6) (7)	**116.0**	**113**	**89.1**	1,640	**4,030**	**9,510**	6,810	2,410	<25	NA
GB21-S2	06/23/03	2-3	--	<6.23	<6.23	<25	<25	<25	<50	<25	<25	<25	NA

Table 2
DRO, GRO, and PVOCs in Soil Samples
Whitewater Oil, 240 S. Green Street / BT^2 Project #2166
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Lab Notes	DRO (mg/kg)	GRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Lead (mg/kg)
GB22-S2	06/23/03	2-3	--	<5.71	<5.71	<25	<25	<25	<50	<25	<25	<25	NA
GB25-S2	11/24/03	2-4	--	<5.83	<5.83	<25	<25	<25	<50	<25	<25	<25 LCH	NA
GB26-S2	11/24/03	2-4	--	<5.87	<5.87	<25	<25	<25	<50	<25	<25	<25 LCH	NA
GB27-S3	11/24/03	4-6	--	7.18 D2A	<5.70	<25	<25	<25	<50	<25	<25	<25 LCH	NA
GB28-S3	11/24/03	4-6	--	<5.75	<5.75	<25	<25	<25	<50	<25	<25	<25 LCH	5.27
GB29-S2	11/24/03	2-4	--	5.8 D2A	<5.80	<25	<25	<25	<50	<25	<25	<25 LCH	7.63
MW1-S2	06/24/03	2-4	--	<5.85	<5.85	<25	<25	<25	<50	<25	<25	<25	NA
MW3-S2	06/24/03	2-4	(1)	82.0	<6.20	<25	<25	<25	<50	68.4	34.5	<25	NA
MW4-S2 *	06/24/03	2-4	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW5-S2	11/24/03	2-4	--	<6.22	<6.22	<25	<25	<25	<50	<25	<25	<25 LCH	NA
MW6-S2	11/24/03	2-4	--	9.44 D2A, D3	<6.30	<25	<25	<25	<50	<25	<25	<25 LCH	NA
TP1-S1	12/19/01	2	--	**19,800**	**1,980 H**	***5,320***	***33,400***	<1,490	**33,400**	3,710	4,700	<1,490	NA
MEOH Blank	12/03/02	--	--	NA	<2.50	<25	<25	<25	<50	<25	<25	<25	NA
	06/24/03	--	--	NA	<2.50	<25	<25	<25	<50	<25	<25	<25	NA
	11/24/03	--	--	NA	<2.50	<25	<25	<25	<50	<25	<25	<25 LCH	NA
NR 720 Residual Contaminant Level (RCL)				100	100	5.5	2,900	1,500	4,100	NE	NE	NE	50
NR 746 Table 1				NE	NE	8,500	4,600	38,000	42,000	83,000	11,000	NE	NE
NR 746 Table 2				NE	NE	1,100	NE	NE	NE	NE	NE	NE	NE

ABBREVIATIONS:
µg/kg - micrograms per kilogram or parts per billion (ppb)
GRO = Gasoline Range Organics
PVOCs = Petroleum Volatile Organic Compounds
mg/kg - milligrams per kilogram or parts per million (ppm)
TMB = Trimethylbenzene
NA = Not Analyzed
DRO = Diesel Range Organics
MTBE = Methyl-tert-butyl ether
NE = Not Established

Table 2
DRO, GRO, and PVOCs in Soil Samples
Whitewater Oil, 240 S. Green Street / BT^2 Project #2166

NOTES:
Bold values exceed NR 720 RCLs.
Italic bold values exceed NR 746 Table 1 or Table 2 values.
NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level.
NR 746 Table 1 - WAC, Chapter NR 746.06(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores.
NR 746 Table 2 - WAC, Chapter NR 746.06(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil.
* No free liquids. Sample did not flash based on flash point test.

LABORATORY NOTES:
D1 = The chromatogram is characteristic for a fuel oil/diesel (i.e., #1 or #2 diesel, jet fuel, kerosene, aged or degraded diesel, etc.).
D2A = The chromatogram is characteristic for a light petroleum product (i.e., gasoline, aged or degraded gasoline, mineral spirits, etc.).
D2B = The chromatogram is characteristic for a heavier petroleum product other than diesel (i.e., motor oil, hydraulic oil, etc.).
D3 = The chromatogram is not characteristic for diesel or any single common petroleum product.
D5 = The chromatogram contained significant peaks and a raised baseline outside the DRO window.
G2 = The chromatogram has characteristics of an aged gasoline sample.
G3 = The chromatogram is not characteristic for either gas or aged gas. It has a reportable concentration of peaks/area within the GRO window.
G6 = The chromatogram contains a significant number of peaks and a raised baseline outside the GRO window.
H = Late eluting hydrocarbons present.
LCH = The laboratory control sample for this analyte exhibited a high bias. Sample results may also be biased high.
(1) DRO Analysis - The chromatogram is characteristic for a heavier petroleum product other than diesel. (i.e. motor oil, hydraulic oil, etc.). The chromatogram is characteristic for a light petroleum product. (i.e. gasoline, aged or degraded gasoline, mineral spirits, etc.). The chromatogram contained significant peaks and a raised baseline outside the DRO window.

(2) GRO Analysis - The chromatogram is characteristic for aged gasoline, however, either additional peaks are present or PVOC peaks are not proportional to aged gasoline indicating the presence of additional compounds. The chromatogram contains a significant number of peaks and a raised baseline outside the GRO window.

(3) DRO Analysis - The chromatogram is characteristic for a fuel oil/diesel. (i.e. #1 or #2 diesel, jet fuel, kerosene, aged or degraded diesel, etc.). The chromatogram is characteristic for a light petroleum product. (i.e. gasoline, aged or degraded gasoline, mineral spirits, etc.)

(4) GRO Analysis - The chromatogram is not characteristic for either gas or aged gas. It has a reportable concentration of peaks/area within the GRO window. The chromatogram contains a significant number of peaks and a raised baseline outside the GRO window.

(5) DRO Analysis - The chromatogram is characteristic for a heavier petroleum product other than diesel. (i.e. motor oil, hydraulic oil, etc.) The chromatogram contained significant peaks and a raised baseline outside the DRO window.

Table 2
DRO, GRO, and PVOCs in Soil Samples
Whitewater Oil, 240 S. Green Street / BT^2 Project #2166

LABORATORY NOTES (CONTINUED):

(6) DRO Analysis - The chromatogram is characteristic for a light petroleum product. (i.e. gasoline, aged or degraded gasoline, mineral spirits, etc.) Surrogate recovery was high. Result for sample may be biased high.

(7) GRO Analysis - The chromatogram has characteristics of an aged gasoline sample. The chromatogram contains a significant number of peaks outside the GRO window.

(8) DRO Analysis - The chromatogram is characteristic for a light petroleum product. (i.e. gasoline, aged or degraded gasoline, mineral spirits, etc.)

(9) GRO Analysis - The chromatogram is characteristic for aged gasoline, however, either additional peaks are present or PVOC peaks are not proportional to aged gasoline indicating the presence of additional compounds. The chromatogram contains a significant number of peaks and a raised baseline outside the GRO window.

Created by:	LMH 1/10/03
Checked by:	JMM 7/28/03

Table 3
PAHs in Soil Samples
Whitewater Oil, 240 S. Green Street / BT² Project #2166
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Acenaphthene	Acenaph-thylene	Anthracene	Benzo (a) anthracene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Benzo (a) pyrene	Benzo (ghi) perylene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Pyrene
GB3-S1	12/03/02	2	<6.04 LCH	<8.48	<1.29	<5.27	<2.7	<3.73	<2.96	<2.7	<2.96	<1.8 DUP	<1.29	<2.57	<2.06	<4.5	<5.27	<2.06	<2.96	<1.29
GB5-S1	12/03/02	2	<1,470 LCH	<2,070	<313	<1,280	<657	<907	<720	<657	<720	<438 DUP	<313	<626	<501	1,310	2,770	<501	<720	<313
GB7-S6	12/03/02	12	<113 LCH	<159	<24.1	<98.8	<50.6	<69.9	<55.4	<50.6	<55.4	<33.7 DUP	<24.1	<48.2	<38.6	<84.3	<98.8	<38.6	<55.4	<24.1
GB13-S2	06/23/03	2-3	<28.2	<39.6 LCL	<6	25.6 J	<12.6	<17.4	27.5 J	82.2	41.7	<8.4	9.11	<12	41.2	71.5 LCL	103 LCL	29.5 J,LCL	33.4 J	<6
GB16-S1	06/23/03	1-2	<58.8	<82.6 LCL	<12.5	122 J	148 J	106 J	93.1 J	150	88.2 J	<17.5	431	<25	144	<43.8 LCL	<51.3 LCL	<20 LCL	74.5 J	<12.5
GB22-S2	06/23/03	2-3	<53.7	<75.3 LCL	<11.4	50.8 J	<24	<33.1	<90.1	104	86.6	<16	243	<22.8	92.6	<40 LCL	<46.8 LCL	<18.3 LCL	52.2 J	<11.4
WDNR PAH Soil Generic Residual Contaminant Levels (RCLs) (Interim Guidance - April 1997)																				
Groundwater Pathway			38,000	700	3,000,000	17,000	360,000	870,000	48,000	6,800,000	37,000	38,000	500,000	100,000	680,000	23,000	20,000	400	1,800	8,700,000
Non-Industrial Direct Contact			900,000	18,000	3,000,000	88	88	880	8.8	1,800	8,800	8.8	600,000	600,000	88	1,100,000	600,000	20,000	18,000	500,000
Industrial Direct Contact			60,000,000	360,000	300,000,000	3,900	3,900	39,000	390	39,000	390,000	390	40,000,000	40,000,000	3,900	70,000,000	40,000,000	110,000	390,000	30,000,000

ABBREVIATIONS:
µg/kg - micrograms per kilogram or parts per billion (ppb)
PAHs = Polynuclear Aromatic Hydrocarbons
WDNR = Wisconsin Department of Natural Resources

NOTES:
Bold values indicate Non-Industrial Direct Contact RCL exceeded.

LABORATORY NOTES:
LCH = The laboratory control sample for this analyte exhibited a high bias. Sample results may also be biased high.
DUP = Results of duplicate analysis in this quality assurance batch exceeds the limits for precision.
LCL = The laboratory control sample for this analyte exhibited a low bias. Sample results may also be biased low.
J = Estimated concentration below laboratory quantitation level.

Created/Revised by: LMH 1/10/03; SMS 7/28/03
Checked by: JMM 7/25/03

POST-EXCAVATION

TABLE 1
SOIL ANALYTICAL QUALITY RESULTS
VOLATILE ORGANIC COMPOUNDS
Whitewater Oil Company
240 Green Street
Whitewater, WI
Project Reference #10049-002

Soil Boring Identification:					01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17
Sample Depth (ft):					2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
PID / FID					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	506	423	101.7	137	48.9	23.5	21.9
Parameter	Unit	NR 720	NR 746		Collection Date																
		RCL	Table 1	Table 2	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07
Benzene	µg/kg	5.5	8,500	1,100	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**3,900**	**1,600**	**36 J**	<250	<25	<25	<25
Ethylbenzene	µg/kg	2,900	4,600	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**43,000**	**5,400**	**150**	**480 J**	<25	<25	<25
Methyl-tert-butyl-ether	µg/kg	NS	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<1250	<250	<25	<250	<25	<25	<25
Naphthalene	µg/kg	NS	2,700	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	µg/kg	1,500	38,000	NS	<25	<25	<25	<25	**35 J**	<25	<25	<25	<25	<25	<1250	<250	<25	<250	<25	<25	<25
1,2,4-Trimethylbenzene	µg/kg	NS	83,000	NS	<25	<25	<25	<25	**50 J**	<25	<25	<25	<25	<25	**120,000**	**1,200**	**56 J**	**1,610**	<25	<25	<25
1,3,5-Trimethylbenzene	µg/kg	NS	11,000	NS	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**57,000**	**570**	**40 J**	**1,260**	<25	<25	<25
Total Xylenes	µg/kg	4,100	42,000	NS	<75	<75	<75	<75	**129 J**	<75	<75	<75	<75	<75	**166,700**	**1940 J**	<75	**1,920**	<75	<75	<75

Notes: Laboratory analyses performed by:
µg/kg = micrograms per kilogram (equivalent to parts per billion)
NA = Not Analyzed NS = No Standard
NR 720 RCL = Wisconsin Administrative Code, Chapter NR 720 generic Residual Contaminant Level (industrial land use RCLs for RCRA metals).
NR 746 Table 1 = Wisconsin Administrative Code, Chapter NR 746, Table 1 soil screening level: Indicators of Residual Petroleum Products in Soil Pores.
NR 746 Table 2 = Wisconsin Administrative Code, Chapter NR 746, Table 2: Protection of Human Health from Direct Contact with Contaminated Soil.
Interim RCL = More stringent generic Residual Contaminant Level for protection of groundwater (gw) or direct contact (dc) pathway for non-industrial land use from WDNR Publication RR-519-97 *"Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance"* (April 1997)

J = Analyte detected between Limit of Detection (LOD) and Limit of Quantitation (LOQ)
Exceedances: **BOLD** = detected compound **BOX** = concentration exceeds standard

POST-EXCAVATION

TABLE 1
SOIL ANALYTICAL QUALITY RESULTS
POLYNUCLEAR AROMATIC HYDROCARBONS
Whitewater Oil Company
240 South Green Street
Whitewater, WI
Project Reference #10049-002

Soil Boring Identification:					01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17
Sample Depth (ft):																					
Parameter	Units	Suggested Generic RCLs for PAH Compounds in Soil			Collection Date																
		Groundwater Pathway	Non-Industrial	Industrial	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07
Acenaphthene	µg/kg	38,000	900,000	60,000,000	<7.2	**21.6 J**	**23**	**55**	**40**	<7.2	<7.2	<7.2	**10.5 J**	<7.2	**7,800**	**4,000**	**132**	**340**	<7.2	<7.2	<7.2
Acenphthylene	µg/kg	700	18,000	360,000	<7	**8.7 J**	**42**	**31.2**	**79**	<7	<7	<7	**34**	<7	**2,540**	**1,160**	**39**	**88**	<7	<7	<7
Anthracene	µg/kg	3,000,000	5,000,000	300,000	<14	**22.7 J**	**19 J**	<14	**133**	<14	<14	<14	<14	<14	**2000 J**	**1,060**	**20.6 J**	**109**	<14	<14	<14
Benzo(a)anthracene	µg/kg	17,000	88	3,900	<15	<15	**18.4 J**	<15	**17.7 J**	<15	<15	<15	**39 J**	<15	<1500	<300	<15	**25.2 J**	<15	<15	<15
Benzo(a)pyrene	µg/kg	48,000	8.8	390	<15	<15	<15	<15	<15	<15	<15	<15	**52**	<15	<1500	<300	<15	<15	<15	<15	<15
Benzo(b)fluoranthene	µg/kg	360,000	88	3,900	<8.1	<8.1	**23.1 J**	<8.1	**21 J**	**14.7 J**	<8.1	<8.1	**88**	<8.1	<810	<162	<8.1	**16.4 J**	<8.1	<8.1	<8.1
Benzo(ghi)perylene	µg/kg	6,800,000	1,800	39,000	<14	<14	**18.6 J**	<14	**15 J**	<14	<14	<14	**51**	<14	<1400	<280	<14	<14	<14	<14	<14
Benzo(k)fluoranthene	µg/kg	870,000	880	39,000	<11	<11	<11	<11	<11	<11	<11	<11	**33 J**	<11	<1100	<220	<11	<11	<11	<11	<11
Chrysene	µg/kg	37,000	8,800	390,000	<13	<13	**18.4 J**	<13	**20.3 J**	<13	<13	<13	**56**	<13	<1300	<260	<13	**39 J**	<13	<13	<13
Dibenz(a,h)anthracene	µg/kg	38,000	8.8	390	<11	<11	<11	<11	<11	<11	<11	<11	**12.3 J**	<11	<1100	<220	<11	<11	<11	<11	<11
Fluoranthene	µg/kg	500,000	600,000	40,000,000	<13	<13	<13	**17.6 J**	**13.3 J**	**13.3 J**	<13	<13	**65**	<13	<1300	**550 J**	**25.6 J**	**101**	<13	<13	<13
Fluorene	µg/kg	100,000	600,000	40,000,000	<8.5	**11.8 J**	**14.7 J**	**18.8 J**	**33**	<8.5	<8.5	<8.5	<8.5	<8.5	**14,600**	**6,600**	**269**	**750**	<8.5	<8.5	<8.5
Indeno(1,2,3-cd)pyrene	µg/kg	680,000	88	3,900	<10	<10	**17.3 J**	<10	**13.6 J**	<10	<10	<10	**54**	<10	<1000	<200	<10	<10	<10	<10	<10
1-Methylnaphthalene	µg/kg	23,000	1,100,000	70,000,000	<13	<13	**29 J**	**17.6 J**	**43**	<13	<13	<13	<13	<13	**132,000**	**45,000**	**1,250**	**2,670**	<13	<13	<13
2-Methylnaphthalene	µg/kg	20,000	600,000	40,000,000	<17	<17	**122**	**22.9 J**	**127**	<17	<17	<17	<17	<17	**232,000**	**66,000**	**1,670**	**3,600**	**19 J**	<17	<17
Naphthalene	µg/kg	400	20,000	110,000	<12	<12	**25.7 J**	<12	**25.6 J**	<12	<12	<12	<12	<12	**103,000**	**13,300**	**370**	**1,050**	<12	<12	<12
Phenanthrene	µg/kg	1,800	18,000	390,000	<15	**17.6 J**	**54**	**74**	**111**	<15	<15	<15	**17.5 J**	<15	**40,000**	**16,500**	**560**	**1,100**	<15	<15	<15
Pyrene	µg/kg	8,700,000	500,000	30,000,000	<13	**21.1 J**	**88**	**112**	**43**	<13	<13	<13	**64**	<13	**2940 J**	**1,760**	**94**	**350**	<13	<13	<13

Notes: Laboratory analyses performed by:

µg/kg = micrograms per kilogram (equivalent to parts per billion)

NA = Not Analyzed

NS = No Standard

Suggested Generic Interim RCL = More stringent generic Residual Contaminant Level for protection of groundwater (gw) or direct contact (dc) pathway for non-industrial land use from WDNR Publication RR-519-97 *"Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance"* (April 1997)

J = Analyte detected between Limit of Detection (LOD) and Limit of Quantitation (LOQ)

Exceedances: BOLD = detected compound

BOX = concentration exceeds suggested generic RCL

TABLE 1
SOIL ANALYTICAL QUALITY RESULTS
RCRA METALS
Whitewater Oil Company
240 South Green Street
Whitewater, WI
Project Reference #10049-002

Soil Boring Identification:				01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17
Sample Depth (ft):																				
Parameter	Units	NR 720 RCL Table 2		Collection Date																
		Non-Industrial	Industrial	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07	10/10/07
Lead	mg/kg	50	500	**13**	**7.7**	**23**	**9.4**	**19**	**8.7**	**100**	**17**	**12**	**14**	**26**	**4.4**	**11**	**39**	**7.9**	**8.7**	**11**

Notes: Laboratory analyses performed by:

mg/kg = milligrams per kilogram (equivalent to parts per million)

NA = Not Analyzed

NS = No Standard Established

NR 720 RCL = Wisconsin Administrative Code, Chapter NR 720 generic Residual Contaminant Level (industrial land use RCLs for RCRA metals).

Exceedances: **BOLD** = detected compound

BOX = concentration exceeds RCL based on Human Health Risk from direct contact related to land use

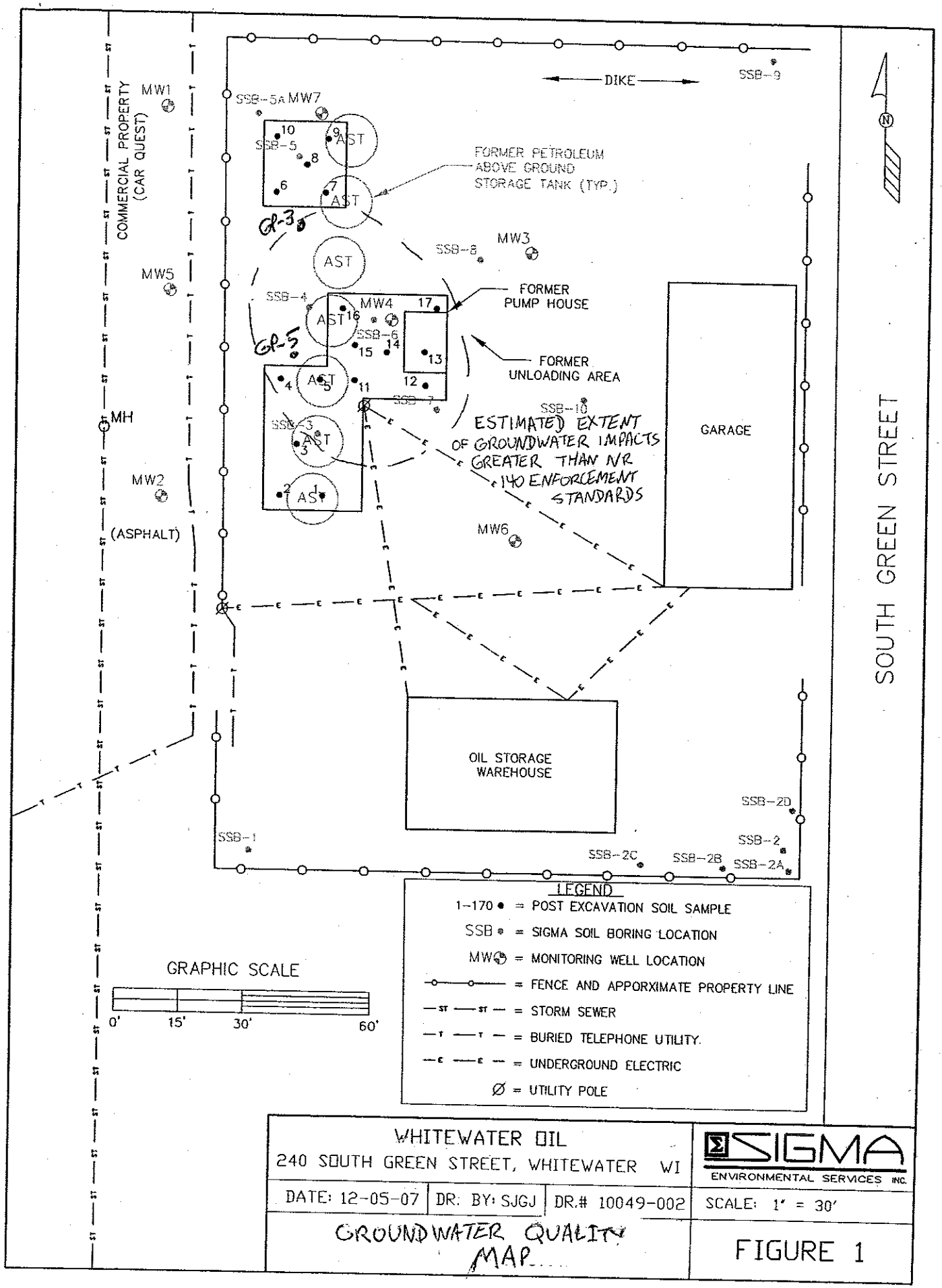

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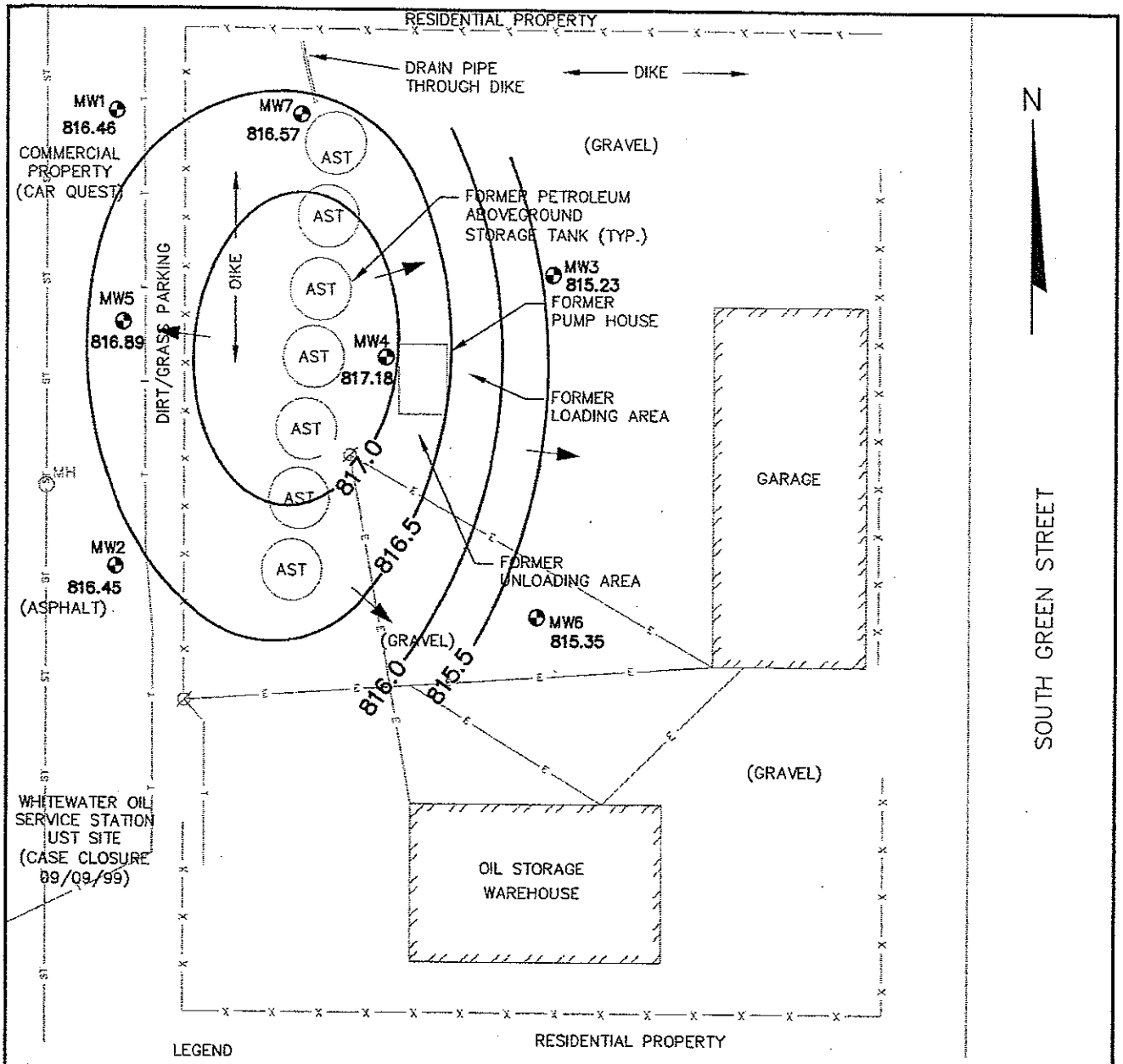
Table 1
Water Level Summary
Whitewater Oil - 240 South Green Street / BT- Squared #2166
Whitewater, Wisconsin

Raw Data	Depth to Water in feet below top of well casing								
	MW1	MW2	MW3	MW4	MW5	MW6	MW7		
Measurement Date									
13-Aug-03	6.55	5.12	4.15	2.47					
19-Jan-04	3.11	4.48	4.39	1.99	3.14	4.65	2.99		

Well Number	Ground Water Elevation in feet above mean sea level (amsl)								
	MW1	MW2	MW3	MW4	MW5	MW6	MW7		
Top of Casing Elevation (feet amsl)	819.57	820.93	819.62	819.17	820.03	820.00	819.56		
Measurement Date									
13-Aug-03	813.02	815.81	815.47	816.70					
19-Jan-04	816.46	816.45	815.23	817.18	816.89	815.35	816.57		

NOTES:

Bench mark is top nut of fire hydrant at northeast corner of Wisconsin and Clay Streets (elevation 825.53 ft. m.s.l).



LEGEND

- FENCE AND APPROXIMATE PROPERTY LINE
- STORM SEWER
- UNDERGROUND ELECTRIC
- BURIED TELEPHONE UTILITY
- UTILITY POLE
- MONITORING WELL
- 815.35 WATER TABLE ELEVATION–01/19/04
- WATER TABLE CONTOUR
- APPROXIMATE GROUNDWATER FLOW DIRECTION

NOTES:

1. UTILITY LOCATIONS ARE APPROXIMATE.
2. PETROLEUM ABOVEGROUND STORAGE TANKS (AST) WERE REMOVED ON JANUARY 8, 2002.

30 0 30

SCALE: 1" = 30'

PROJECT NO. 2166	
DRAWN BY: KP/CS	
CHECKED BY: JM	
DRAWN: 07/12/04	
REVISED: 07/12/04	

FIGURE 7
WATER TABLE MAP FOR JANUARY 19, 2004
WHITEWATER OIL
240 SOUTH GREEN STREET
WHITEWATER, WISCONSIN

BT² inc

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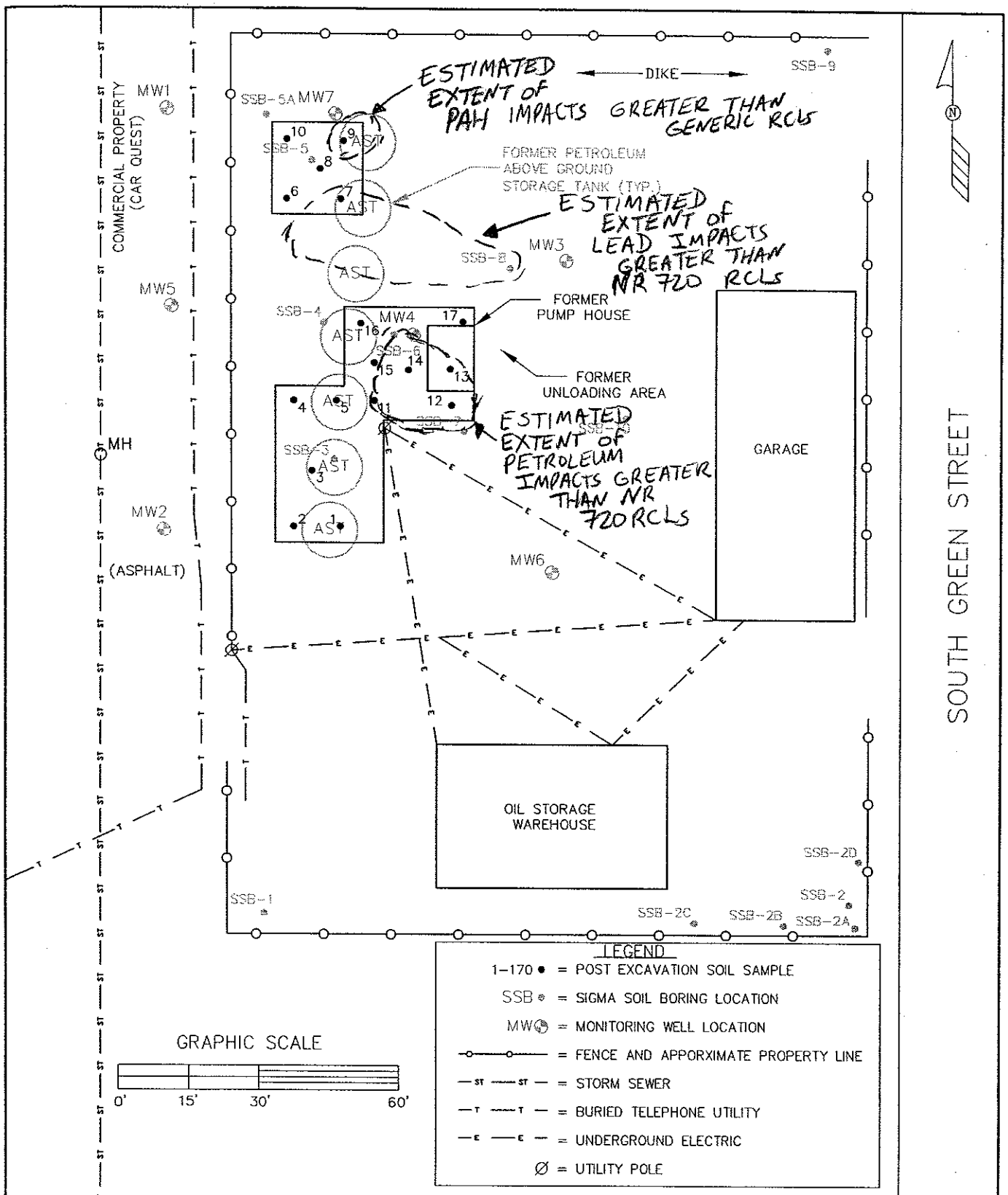

WHITEWATER OIL 240 SOUTH GREEN STREET, WHITEWATER WI			SIGMA ENVIRONMENTAL SERVICES INC.
DATE: 12-05-07	DR. BY: SJGJ	DR.# 10049-002	SCALE: 1" = 30'
SIGMA POST EXCAVATION SOIL SAMPLE LOCATION MAP			FIGURE 1

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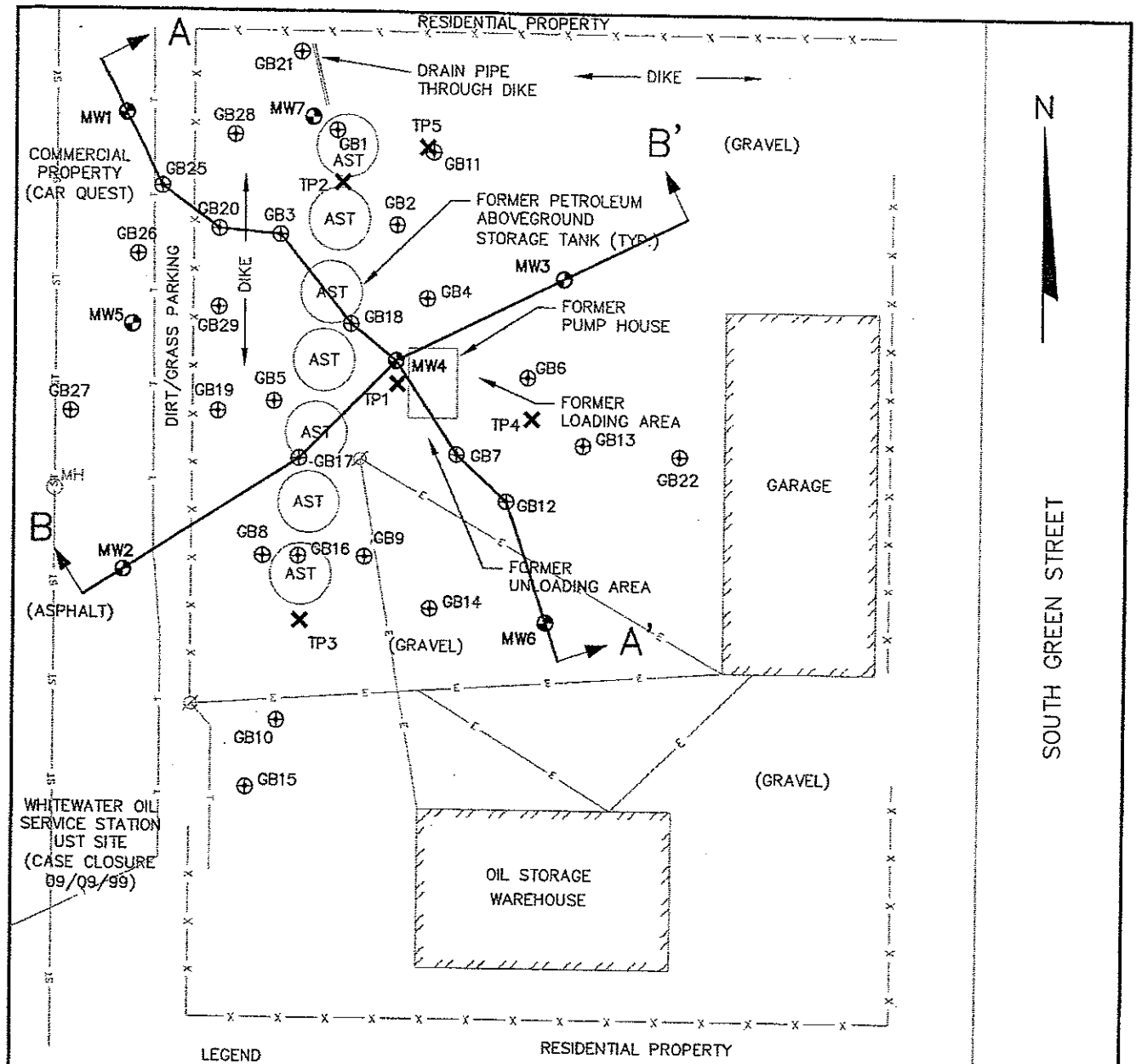

LEGEND

- FENCE AND APPROXIMATE PROPERTY LINE
- STORM SEWER
- UNDERGROUND ELECTRIC
- BURIED TELEPHONE UTILITY
- UTILITY POLE
- TEST PIT SOIL SAMPLE (SAMPLED 12/19/01)
- GEOPROBE BORING
- MONITORING WELL

NOTES:

1. UTILITY LOCATIONS ARE APPROXIMATE.
2. PETROLEUM ABOVEGROUND STORAGE TANKS (AST) WERE REMOVED ON JANUARY 8, 2002.

30 0 30

SCALE: 1" = 30'

PROJECT NO. 2166	
DRAWN BY: KP/CS	
CHECKED BY: JM	
DRAWN: 08/12/02	
REVISED: 07/12/04	

FIGURE 4
CROSS SECTION LOCATION MAP
WHITEWATER OIL
240 SOUTH GREEN STREET
WHITEWATER, WISCONSIN

BT2 inc.

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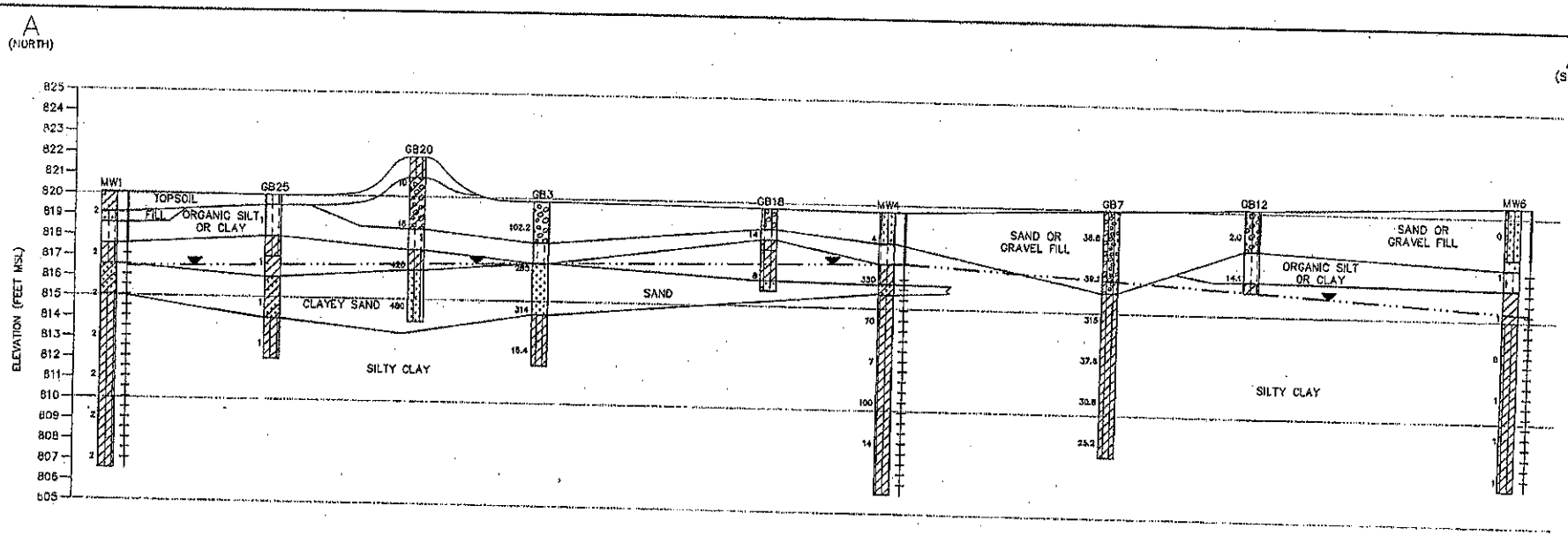
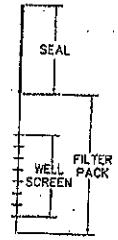


LEGEND

- SAND, WELL GRADED, LITTLE OR NO FINES (SW).
- SAND, POORLY GRADED, LITTLE OR NO FINES (SP).
- SILT (ML).
- ORGANIC SILT OR CLAY (OL).
- LEAN CLAY (CL).
- WATER TABLE ELEVATION MEASURED ON 01/19/04
- GRAVEL, POORLY GRADED, LITTLE OR NO FINES (GP).
- SILTY SAND (SM).
- CLAYEY SAND (SC).
- CLAYEY GRAVEL (GC).
- SILTY GRAVEL (GM).
- SILTY CLAY (CL-ML).
- 25 PHOTO-IONIZATION DETECTOR READING

0 10

HORIZONTAL SCALE: 1" = 10'
VERTICAL SCALE: 1" = 5'
VERTICAL EXAGGERATION = 2X

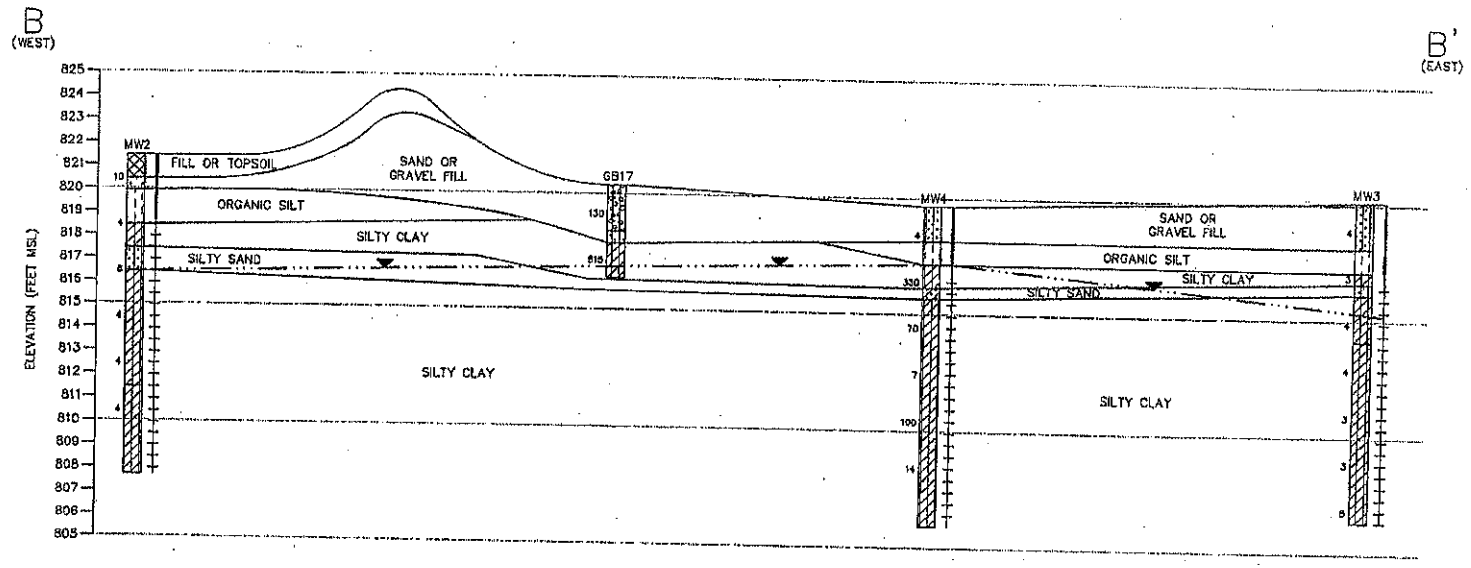


TYPICAL WELL DETAIL

FIGURE 5
CROSS SECTION A–A'
WHITEWATER OIL
240 SOUTH GREEN STREET
WHITEWATER, WISCONSIN

PROJECT NO. 2166	
DRAWN BY: KP	
CHECKED BY: JM	
APPROVED BY:	
DRAWN: 07/12/04	
REVISED: 07/16/04	

BTI inc

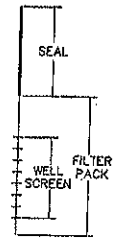


LEGEND

- FILL.
- SAND, WELL GRADED, LITTLE OR NO FINES (SW).
- SAND, POORLY GRADED, LITTLE OR NO FINES (SP).
- SILT (ML).
- ORGANIC SILT OR CLAY (OL).
- LEAN CLAY (CL).
- WATER TABLE ELEVATION MEASURED ON 01/19/04
- GRAVEL, POORLY GRADED, LITTLE OR NO FINES (GP).
- SILTY SAND (SM).
- CLAYEY SAND (SC).
- CLAYEY GRAVEL (GC).
- SILTY GRAVEL (GM).
- SILTY CLAY (CL-ML).
- 25 PHOTO-IONIZATION DETECTOR READING

0 10

HORIZONTAL SCALE: 1" = 10'
VERTICAL SCALE: 1" = 5'
VERTICAL EXAGGERATION = 2X



TYPICAL WELL DETAIL

FIGURE 6
CROSS SECTION B-B'
WHITEWATER OIL
240 SOUTH GREEN STREET
WHITEWATER, WISCONSIN

PROJECT NO. 2166	
DRAWN BY: KP	
CHECKED BY: JM	
APPROVED BY:	
DRAWN: 07/12/04	
REVISED: 07/19/04	

BT inc

STATEMENT BY RESPONSIBLE PARTY

Mr. Larry Zimmerman, the responsible party for the property located at 240 S. Green St., Whitewater, Wisconsin, states that the legal description for each property within the contaminated site boundaries for case file reference 02-65-304996 is attached.

Larry Zimmerman — 2/1/08

Signature of Responsible Party — Date

LEGAL DESCRIPTION

Lots Five (5), Six (6) and Seven (7) of Block Three (3) of Trippe's and Posey's Subdivision of Block Ten (10) of Trippe's Second Addition to the City of Whitewater, Walworth County, Wisconsin; also so much of Out Lot No. Eleven (11) of said Subdivision of said Block Ten (10) described as follows: Beginning at the northwest corner of said Lot Five (5) above referred to; thence southerly along the westerly boundary line of said Lots Five (5), Six (6) and Seven (7) to a point ; thence west a distance of 23.58 feet to a point; thence northwesterly to a point 36.45 feet east of the place of beginning; thence east 36.45 feet to the place of beginning.