GIS REGISTRY INFORMATION

SITE NAME:	W C L - DEPERE & 4TH
BRRTS #:	0271000582 **FID # (if appropriate):**
COMMERCE # (if appropriate):	
CLOSURE DATE:	07/25/2002
STREET ADDRESS:	337 DEPERE STREET
CITY:	MENASHA
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X=** 644573 **Y=** 415959
CONTAMINATED MEDIA:	Groundwater [X] Soil [ ] Both [ ]
OFF-SOURCE GW CONTAMINATION >ES:	[ ] **Yes** [X] **No**
IF YES, STREET ADDRESS 1:	
GPS COORDINATES (meters in WTM91 projection):	**X=** **Y=**
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):	[ ] **Yes** [X] **No**
IF YES, STREET ADDRESS 1:	
GPS COORDINATES (meters in WTM91 projection):	**X=** **Y=**
CONTAMINATION IN RIGHT OF WAY:	[ ] **Yes** [X] **No**

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued	X
Copy of most recent deed, including legal description, for all affected properties: RAILROAD PROPERTY; NO DEED	NA
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	NA
Location Map which 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 (8.5x14" if paper copy). 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. (8.5x14", if paper copy) 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)	NA
Isoconcentration map(s), *if required for site investigation (SI)* (8.5x14" if paper copy). 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	NA
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy)	X
RP certified statement that legal descriptions are complete and accurate	X
Copies of off-source notification letters (if applicable)	NA
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	NA
Copy of (soil or land use) deed restriction(s) or deed notice *if any required as a condition of closure*	NA

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Scott McCallum, Governor
Darrell Bazzell, Secretary
Ronald W. Kazmierczak, Regional Director

Oshkosh Service Center
625 East County Road, Suite 700
Oshkosh, WI 54901-9731
Telephone 920-424-3050
FAX 920-424-4404
TTY 920-492-5912

July 25, 2002

Geoffrey Nokes
Canadian National / Wisconsin Central Division
PO Box 5062
Rosemont, IL 60017-5062

FILE

SUBJECT: Final Case Closure By Closure Committee
WCL-DePere and 4th Sreet, Menasha, WI
WDNR BRRTS #: 03-71-00582

Dear Mr. Nokes:

On February 2, 2002, your site as described above was reviewed for closure by the Northeast Regional Closure Committee. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On February 25, 2002, your consultant, Key Engineering Group, was notified that the Closure Committee had granted conditional closure to this case.

On July 11, 2002 the Department received correspondence indicating that you have complied with the conditions of closure. Based on the correspondence and data provided, it appears your case meets the screening criteria of s. NR 746.07 or s. NR 746.08, Wis. Adm. Code, and the requirements of ch. NR 726, Wis. Adm. Code. **The Department considers this case closed and no further investigation, remediation or other action is required at this time.**

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm

Residual soil above the NR746 Table 1 standards remain within the vados zone on this property. If construction is proposed on this property that will require excavation, or if soil is to be otherwise extracted from this property, the soil shall be sampled and analyzed for contaminants that were previously detected on the property and any extracted soil shall be managed in compliance with applicable statutes and rules.

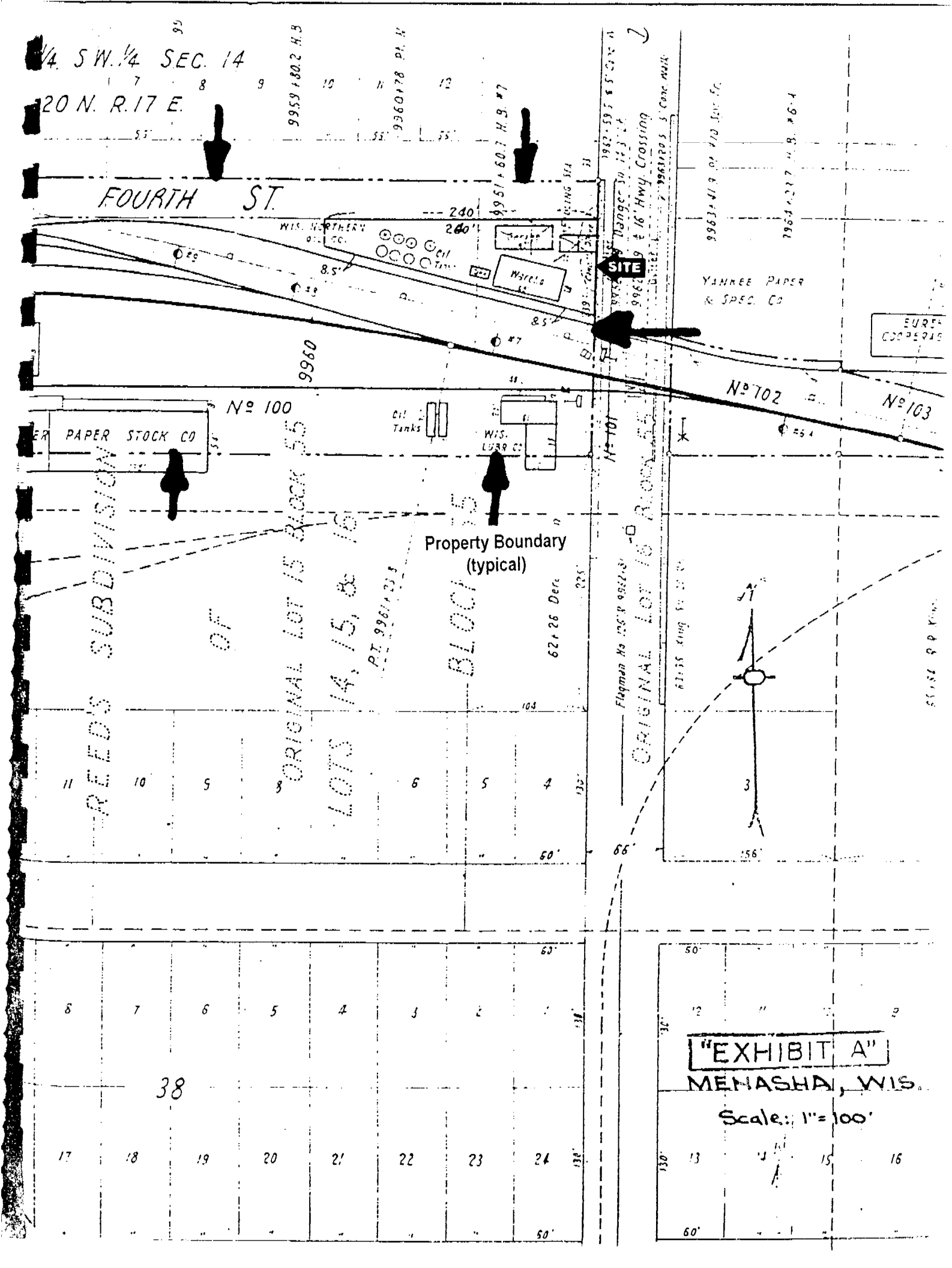
Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact Jennie Pelczar at 920-303-5447.

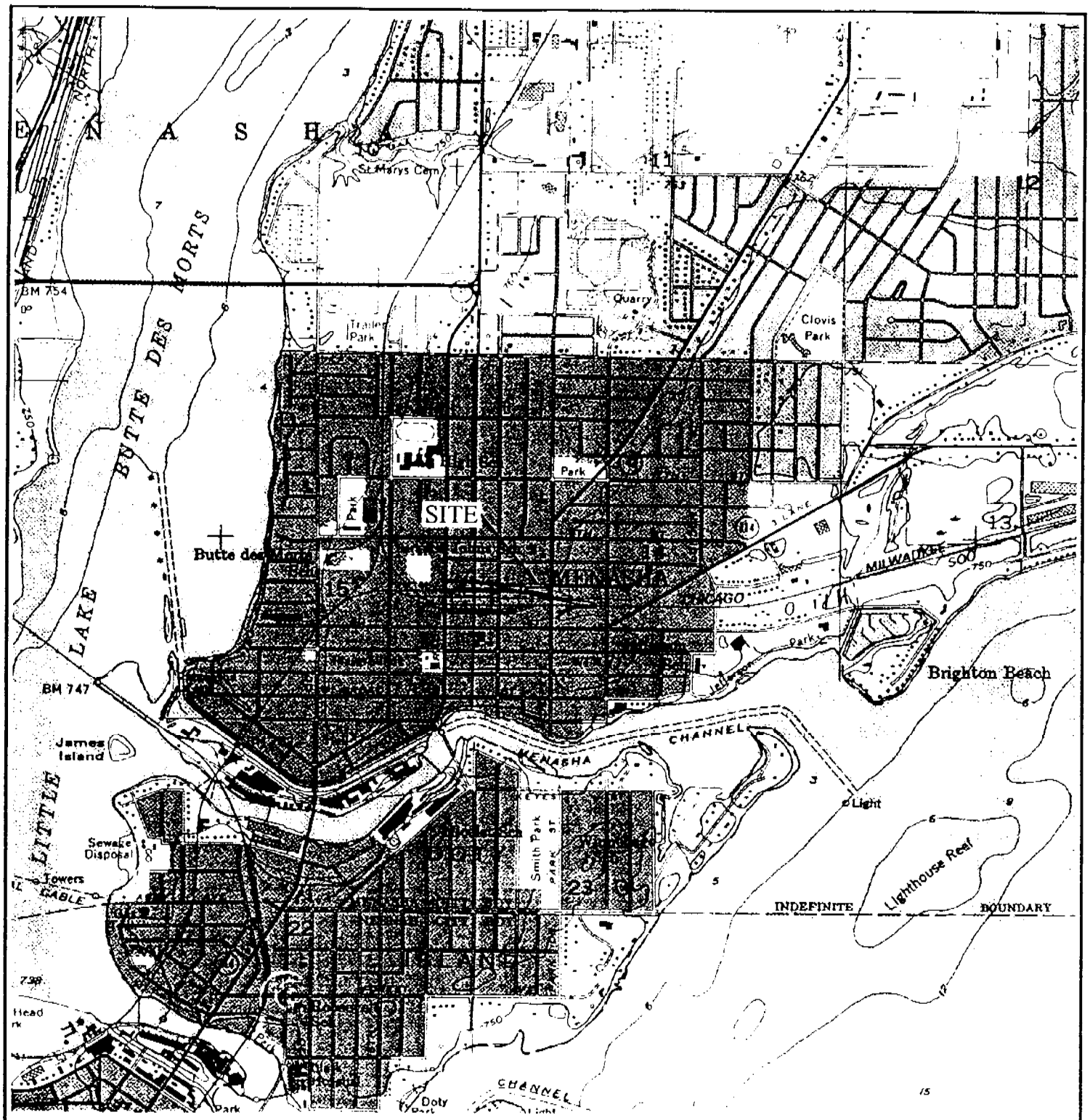
Sincerely,

Pamela J. Pillar
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: Dan Pelczar, Key Engineering Group,
W66 N215 Commerce Court, Cedarburg, WI 53012



1/4 S.W. 1/4 SEC. 14
20 N. R.17 E.
FOURTH ST.
SITE
YANKEE PAPER & SPEC. CO
Nº 100
Nº 102
Nº 103
PAPER STOCK CO
Property Boundary (typical)
REED'S SUBDIVISION OF ORIGINAL LOT 15 BLOCK 55
LOTS 14, 15, & 16
ORIGINAL LOT 16 BLOCK 55
38
"EXHIBIT A"
MENASHA, WIS.
Scale: 1" = 100'



SOURCE: *USGS Neenah, Wisconsin 7.5 Min.Series Quadrangle Map*
Topographic Map 1955
Photorevised 1984

© 2001 Key Engineering Group Ltd.

0 1000 2000

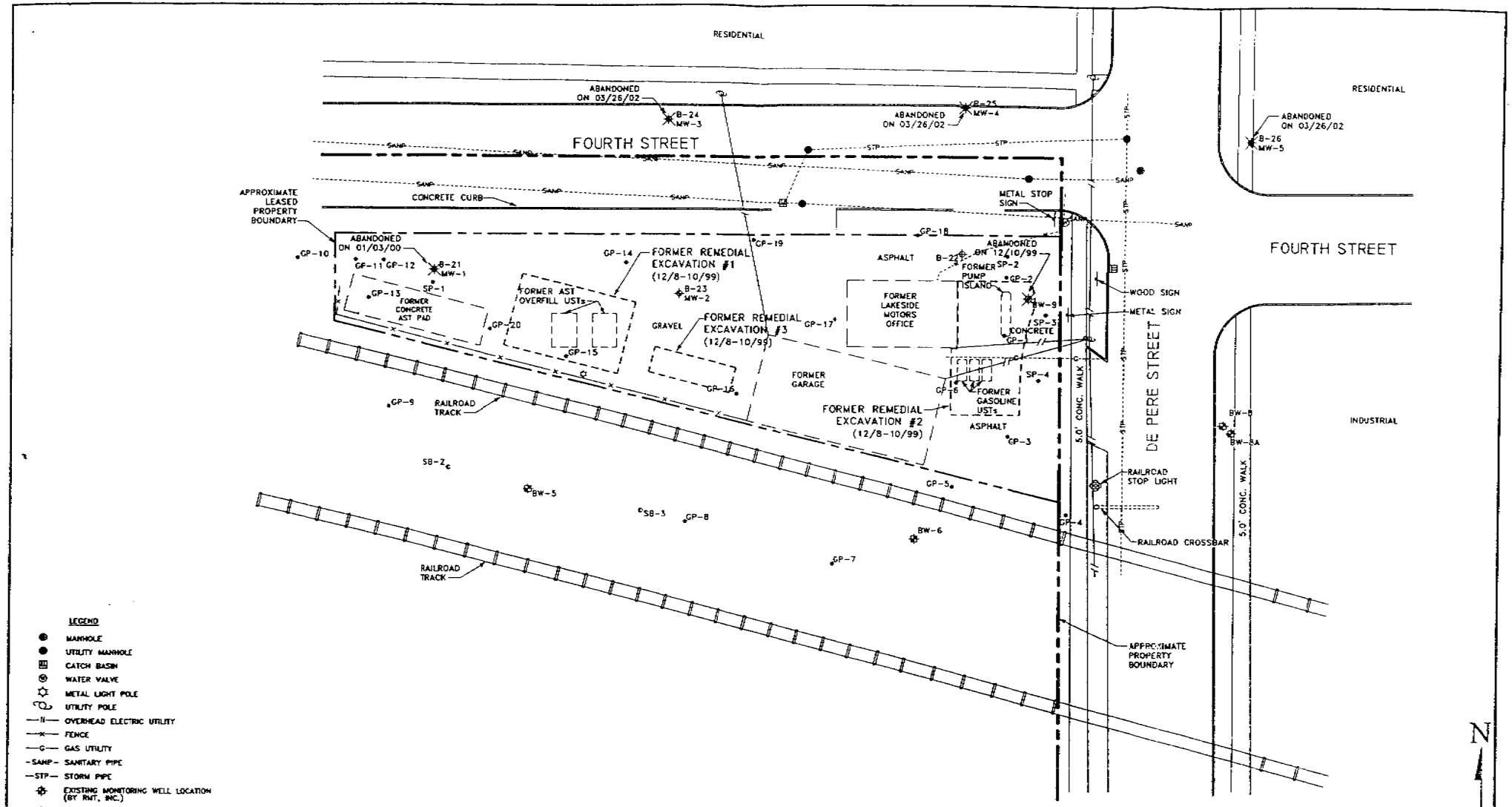
SCALE: 1"=2000'

DRN. BY:	C.S.	DATE:	8/17/01
DSN. BY:	D.K.P.	FILE NO.:	0504013
CHK. BY:	D.K.P.	DWG. NO.:	05040131
REV. BY:	G.L.J.	SHEET NO.:	1

KEY ENGINEERING GROUP LTD.

FIGURE 1
SITE LOCATION MAP

QUARTERLY
GROUNDWATER MONITORING REPORT
LAKESIDE MOTORS
337 DE PERE STREET
MENASHA, WISCONSIN



© 2002 Key Engineering Group Ltd.

0 15 30
SCALE: 1"=30'

DRN. BY:	C.S.	DATE:	05/28/02
DSN. BY:	D.K.P.	FILE NO.:	0504013
CHK. BY:	D.K.P.	DWG. NO.:	05040130
REV. BY:	G.L.J.	SHEET NO.:	2

KEY ENGINEERING GROUP LTD.
ENVIRONMENTAL • CIVIL • RAILROAD

FIGURE 1
SITE LAYOUT MAP

FORMER LAKESIDE MOTORS
337 DE PERE STREET
MENASHA, WISCONSIN

TABLE 1

SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS

WISCONSIN CENTRAL LTD. PROPERTY
FORMER LAKESIDE MOTORS
337 DePere Street
Menasha, Wisconsin

PARAMETERS	SAMPLE IDENTIFICATION									NR 140	
	MW-1	MW-2	MW-3	MW-4	MW-5	BW-5	BW-6	BW-8	BW-9	ES	PAL
Date Sampled	6/5/97	8/1/01	11/1/00	8/1/01	11/1/00	3/30/00	8/1/01	8/1/01	6/5/97	---	---
GRO (µg/l)	2,900	---	---	---	---	---	---	---	66,800	---	---
DRO (µg/l)	23,700	---	---	---	---	---	---	---	3,330	---	---
Detected VOCs or PVOCs (µg/l)											
Benzene	**0.9**	**460**	<0.39	<0.21	<0.39	0.54 Q	**650**	<0.21	**134**	5	0.5
Toluene	<0.5	89	<0.37	<0.41	<0.37	<0.35	**600**	9	75	1,000	200
Ethylbenzene	<0.4	**1,400**	<0.4	<0.22	<0.4	<0.34	**740**	2.7	**459**	700	140
Xylene	<1.4	**4,552**	<1.4	<0.69	<1.4	<0.98	**2,070**	3.96 Q	**1,751**	10,000	1,000
Trimethylbenzenes	<0.9	**2,580**	<1.03	<0.60	<1.03	<0.99	**470**	70	**861**	480	96
Isopropyl ether	11	---	---	---	---	---	---	---	<32	---	---
Isopropylbenzene	1.7	---	---	---	---	---	---	---	<22	---	---
n-Propylbenzene	1	---	---	---	---	---	---	---	43	---	---
Naphthalene	0.9	**240**	<0.53	<0.69	<0.53	---	**67**	1.1	**234**	40	8
sec-Butylbenzene	2.7	---	---	---	---	---	---	---	<20	---	---
Detected PAHs (µg/l)											
1-methyl Naphthalene	22	---	---	---	---	---	---	---	23	---	---
2-methyl Naphthalene	24	---	---	---	---	---	---	---	24	---	---
Acenaphthene	9.8	---	---	---	---	---	---	---	<8.5	---	---
Acenaphthylene	38	---	---	---	---	---	---	---	<9.0	---	---
Anthracene	3.3	---	---	---	---	---	---	---	<1.0	3,000	600
Benzo (a) anthracene	0.2	---	---	---	---	---	---	---	<0.2	---	---
Chrysene	1.5	---	---	---	---	---	---	---	<1.3	---	---
Flouranthene	11	---	---	---	---	---	---	---	<2.5	400	80
Fluorene	3.1	---	---	---	---	---	---	---	<1.5	---	---
Naphthalene	**24**	---	---	---	---	---	---	---	**61**	40	8
Phenanthrene	2.8	---	---	---	---	---	---	---	<1.0	---	---
Pyrene	2.7	---	---	---	---	---	---	---	<1.5	250	50

Notes:

Bold concentrations exceed NR 140 PAL
Boxed concentrations exceed NR 140 ES
--- - not analyzed / not applicable
BW-6, BW-8 and BW-9 installed by RMT, Inc. for U.S. Oil Menasha Bulk Facility
DRO - diesel range organics
ES - enforcement standard
GRO - gasoline range organics
PAHs - polynuclear aromatic hydrocarbons
PAL - preventive action limit
PVOCs - petroleum volatile organic compounds
Q- concentration between limit of detection and limit of quantitation
µg/l - micrograms per liter or parts per billion
VOCs - volatile organic compounds

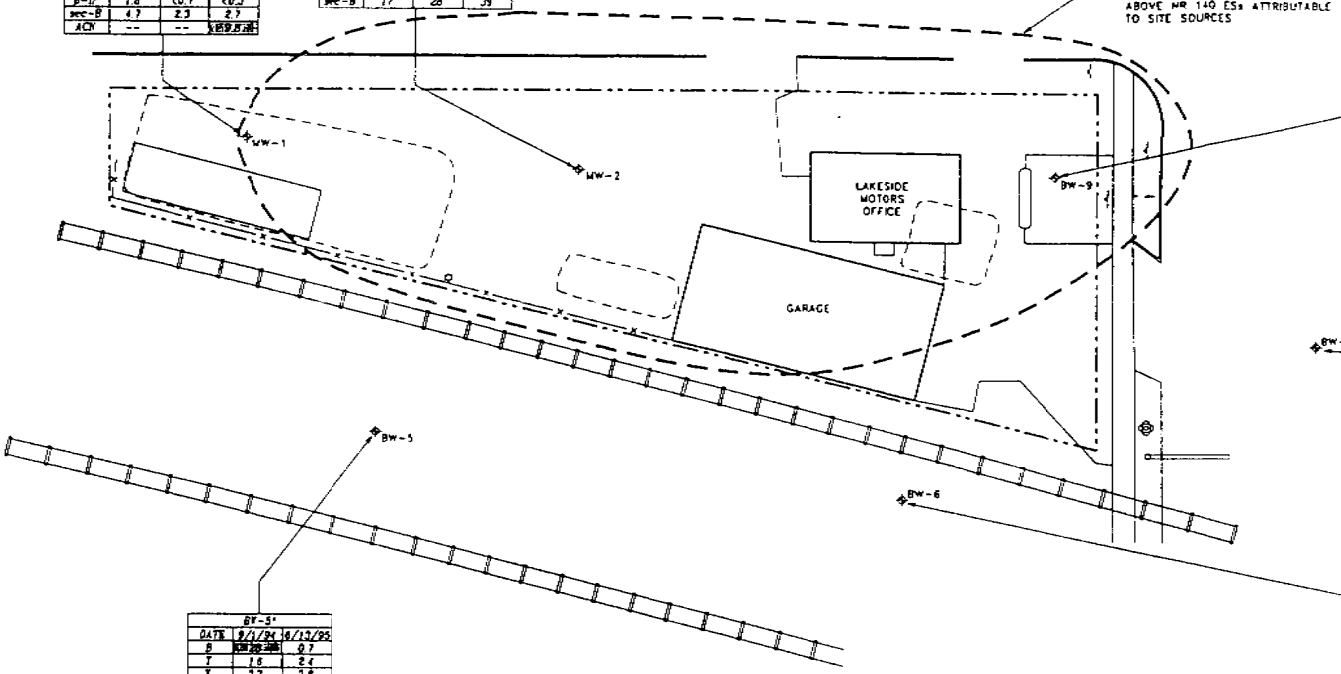
MW-1			
DATE	1/31/97	3/27/97	6/5/97
GRO	8,150	9,820	2,900
DRO	119,000	72,300	23,700
Pb	13.371	--	--
B	[illegible]	2.4	0.9
T	5.7	<0.9	<0.5
E	80	0.8	<0.4
X	200	3	<1.4
TMB	[illegible]	3.6	<0.9
MTBE	0.8	1.3	<0.2
IPE	11	14	11
IPB	8.6	2	1.7
n-PB	16	1.1	1
N	5.3	1.5	0.9
p-IP	1.8	<0.7	<0.3
sec-B	4.7	2.3	2.7
ACN	--	--	[illegible]

MW-2			
DATE	1/31/97	3/27/97	6/5/97
GRO	24,700	131,000	35,100
DRO	17,800	69,300	21,700
Pb	13.371	--	--
B	[illegible]	[illegible]	[illegible]
T	212	207	244
E	[illegible]	[illegible]	[illegible]
X	[illegible]	[illegible]	[illegible]
TMB	[illegible]	[illegible]	[illegible]
1,2-DCA	<9.7	<9.7	--
IPB	134	197	216
n-PB	359	478	521
N	[illegible]	[illegible]	[illegible]
p-IP	33	24	83
sec-B	17	28	39

MW-3	
DATE	6/5/97
GRO	<29
DRO	104
Pb	--

MW-4	
DATE	6/5/97
GRO	<29
DRO	120
Pb	--

MW-5	
DATE	6/5/97
GRO	<29
DRO	196
Pb	--
B	0.4
T	0.5



BW-9*			
DATE	9/1/94	1/21/97	3/27/97	6/5/97
GRO	25,000	12,500	9,970	64,800
DRO	5,000	--	1,290	3,330
B	[illegible]	[illegible]	25	[illegible]
T	460	277	27	[illegible]
E	[illegible]	[illegible]	126	75
X	[illegible]	[illegible]	[illegible]	[illegible]
TMB	1,290	[illegible]	[illegible]	[illegible]
IPB	ND	37	9	<22
n-PB	ND	87	21	43
N	[illegible]	[illegible]	[illegible]	[illegible]
p-IP	ND	8.8	11	<17
sec-B	ND	6	3	<20
Na	[illegible]	--	--	[illegible]

BW-8*	
DATE	9/1/94
GRO	4200
DRO	960
B	ND
T	38
E	16
X	18
TMB	312
n-PB	140
CHLOR	16
p-IP	26
2-IE	12
sec-B	25
IPE	46

BW-5*		
DATE	9/1/94	6/13/95
B	[illegible]	0.7
T	1.6	2.4
X	3.7	3.8
TMB	2.2	1.6

BW-8*			
DATE	9/1/94	6/13/95	6/5/97
GRO	48,000	--	34,900
DRO	4,200	--	2,500
Pb	5	--	--
B	[illegible]	[illegible]	[illegible]
T	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]
X	[illegible]	[illegible]	[illegible]
TMB	[illegible]	[illegible]	[illegible]
MTBE	<50	[illegible]	<9
IPB	210	--	85
N	[illegible]	--	[illegible]
sec-B	130	--	22
p-IP	610	--	24
IPE	380	--	--
ACN	<0.2	--	[illegible]
Na	2.3	--	[illegible]

N

SOURCE: Land Information Services, Inc. March 28, 1997

© 1998 Key Environmental Services, Inc.

NOTES

GRO: GASOLINE RANGE ORGANICS, ug/l
DRO: DIESEL RANGE ORGANICS, ug/l
Pb: TOTAL LEAD, mg/l
B: BENZENE, ug/l
T: TOLUENE, ug/l
E: ETHYLBENZENE, ug/l
X: TOTAL XYLENES, ug/l
TMB: TOTAL TRIMETHYLBENZENES, ug/l
MTBE: METHYL TERTIARY BUTYL ETHER, ug/l
1,2-DCA: 1,2-DICHLOROETHANE, ug/l
IPE: ISOPROPYL ETHER, ug/l
IPB: ISOPROPYLBENZENE, ug/l
n-PB: n-PROPYLBENZENE, ug/l
N: NAPHTHALENE, ug/l
p-IP: p-ISOPROPYLTOLUENE, ug/l
sec-B: sec-BUTYLBENZENE, ug/l
n-B: n-BUTYLBENZENE, ug/l
CHLOR: CHLOROETHANE, ug/l
ACN: ACENAPHTHENE, ug/l
Na: NAPHTHALENE (PAH), ug/l
mg/l: MILLIGRAMS PER LITER
ug/l: MICROGRAMS PER LITER
ND: NO DETECTION
<: LESS THAN
--: NOT ANALYZED

LEGEND

MONITORING WELL LOCATION

WELL CONSTRUCTED BY RWT, INC. FOR UST OIL CO. 1994-1995 DATA OBTAINED FROM RWT'S REMEDIAL INVESTIGATION REPORT, OCTOBER, 1995

CONCENTRATION GREATER THAN NR 140 ENFORCEMENT STANDARD

DATE	REVISIONS	INI

0 15 30
SCALE 1"=30'

FIGURE 3
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS AND GROUNDWATER REMEDIAL ACTION TARGET AREA

REMEDIAL ACTION PLAN
LAKESIDE MOTORS
337 DE PERE STREET
WENASHA, WISCONSIN

DRN. BY	S.L.G.	DATE	04/14/98
DSN. BY	Z.B.	FILE NO.	050401.3
CHK. BY	L.J.W.	DWG. NO.	050401.37
REV. BY	G.L.J.	SHEET NO.	3

Key ENVIRONMENTAL SERVICES, INC.
956 N215 Commerce Court - Cedarburg, WI 53012 - (414) 375-4750
8216 Washington Ave. - Racine, WI 53406 - (414) 886-4438

TABLE 1

SUMMARY OF GROUNDWATER ELEVATION DATA

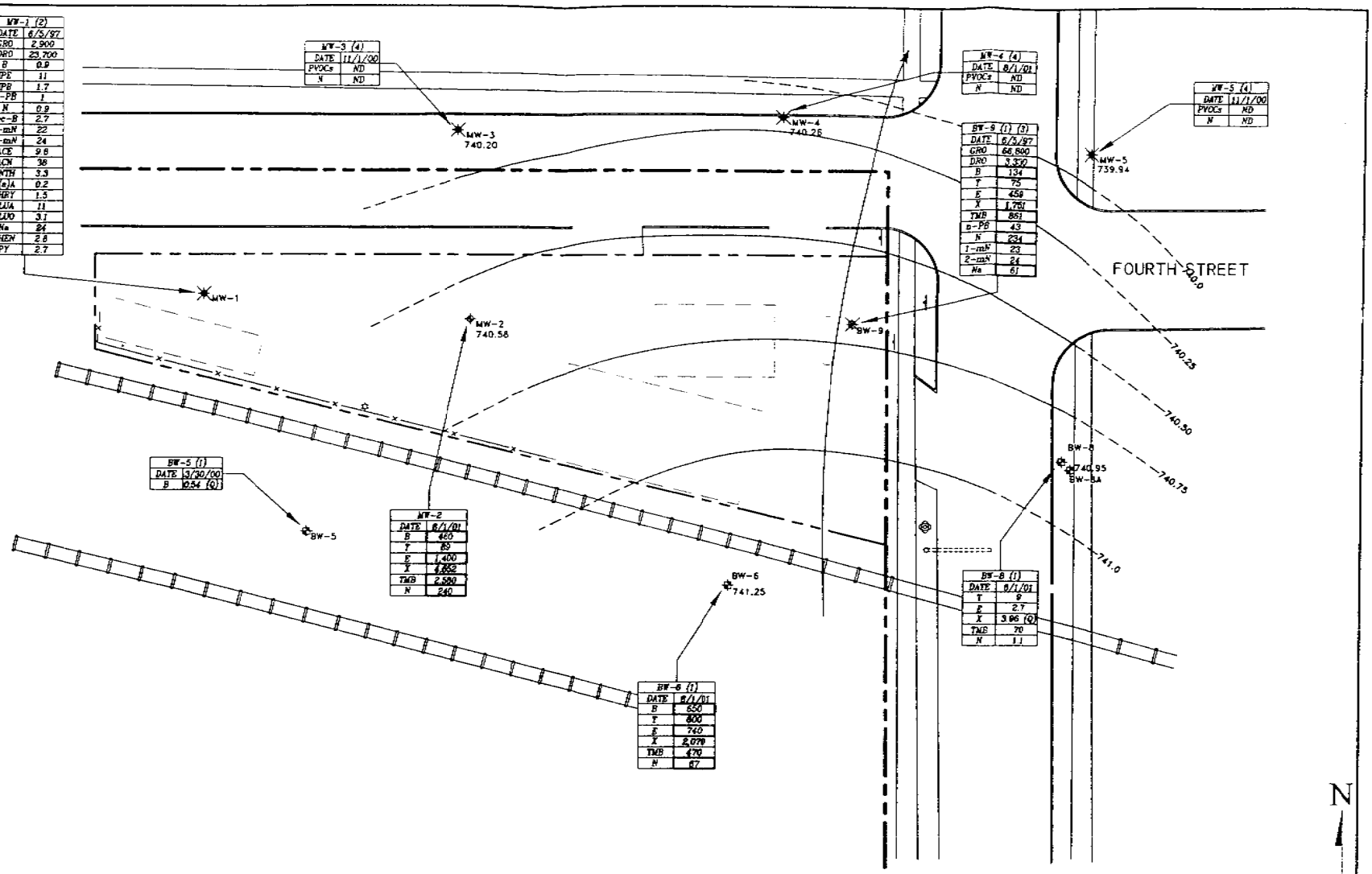
QUARTERLY GROUNDWATER MONITORING REPORT

WISCONSIN CENTRAL LTD. PROPERTY
FORMER LAKESIDE MOTORS
337 DePere Street
Menasha, Wisconsin

WELL NO.	DATE	TOP OF PVC ELEVATION (feet MSL)	DEPTH TO GROUNDWATER (feet)	GROUNDWATER ELEVATION (feet MSL)
MW-1	1/31/1997	761.85	22.16	739.69
	4/28/1997		20.88	740.97
	6/5/1997		20.92	740.93
	6/25/1997		20.60	741.25
MW-2	1/31/1997	760.91	20.93	739.98
	4/28/1997		19.58	741.33
	6/5/1997		19.64	741.27
	6/25/1997		19.36	741.55
	12/10/1999		21.09	739.82
	3/30/2000		21.22	739.69
	6/8/2000		19.45	741.46
	7/18/2000		19.98	740.93
	11/1/2000		20.33	740.58
	5/2/2001		19.67	741.24
	8/1/2001		19.89	741.02
MW-3	6/5/1997	759.38	18.38	741.00
	6/25/1997		18.10	741.28
	12/10/1999		19.74	739.64
	3/30/2000		19.92	739.46
	6/8/2000		18.62	740.76
	7/18/2000		18.74	740.64
	11/1/2000		19.18	740.20
	5/2/2001		18.42	740.96
	8/1/2001		18.67	740.71
MW-4	6/5/1997	759.48	18.36	741.12
	6/25/1997		18.20	741.28
	12/10/1999		19.83	739.65
	3/30/2000		19.91	739.57
	6/8/2000		18.55	740.93
	7/18/2000		18.81	740.67
	11/1/2000		19.22	740.26
	5/2/2001		18.43	741.05
	8/1/2001		18.75	740.73
MW-5	6/5/1997	759.80	19.07	740.73
	6/25/1997		18.64	741.16
	12/10/1999		20.28	739.52
	3/30/2000		20.22	739.58
	6/8/2000		19.85	739.95
	7/18/2000		19.49	740.31
	11/1/2000		19.86	739.94
	5/2/2001		18.86	740.94
	8/1/2001		19.47	740.33
BW-5	12/10/1999	761.82	21.42	740.40
BW-6	4/28/1997	761.22	19.16	742.06
	6/5/1997		19.22	742.00
	6/25/1997		18.79	742.43
	12/10/1999		20.75	740.47
	3/30/2000		20.84	740.38
	6/8/2000		19.40	741.82
	7/18/2000		19.49	741.73
	11/1/2000		19.97	741.25
	5/2/2001		19.27	741.95
	8/1/2001		19.48	741.74
BW-8	12/10/1999	761.42	21.03	740.39
	3/30/2000		22.15	739.27
	6/8/2000		19.87	741.55
	7/18/2000		20.06	741.36
	11/1/2000		20.47	740.95
	5/2/2001		19.84	741.58
	8/1/2001		20.02	741.40
BW-9	4/28/1997	760.24	19.04	741.20
	6/5/1997		18.96	741.28
	6/25/1997		18.77	741.47

Notes:

Elevations based on a survey conducted by Land Information Services, Inc on 3/28/97.
MSL - mean sea level
PVC - polyvinyl chloride



NOTES:

GRO: GASOLINE RANGE ORGANICS, mg/l
DRO: DIESEL RANGE ORGANICS, mg/l
PVOCs: PETROLEUM VOLATILE ORGANIC COMPOUNDS, mg/l
VOCs: VOLATILE ORGANIC COMPOUNDS, mg/l
B: BENZENE, mg/l
T: TOLUENE, mg/l
E: ETHYLBENZENE, mg/l
X: TOTAL XYLENES, mg/l
TMB: TOTAL TRIMETHYLBENZENES, mg/l
IPE: ISOPROPYL ETHER, mg/l
IPB: ISOPROPYLBENZENE, mg/l
n-PB: n-PROPYLBENZENE, mg/l
N: NAPHTHALENE, mg/l
sec-B: sec-BUTYLBENZENE, mg/l
ACE: ACENAPHTHENE, mg/l
Na: NAPHTHALENE (PAH), mg/l
mg/l: MILLIGRAMS PER LITER
ug/l: MICROGRAMS PER LITER
ND: NOT DETECTED
<: LESS THAN
---: NOT ANALYZED
(Q): DETECTED BELOW LEVEL OF QUANTITATION
(1): WELL CONSTRUCTED BY RMT, INC. FOR US OIL CO. (DATA OBTAINED FROM RMT)
(2): WELL MW-1 WAS DAMAGED DURING SOIL EXCAVATION ON DECEMBER 8, 1999 AND ABANDONED ON JANUARY 3, 2000
(3): WELL WAS ABANDONED DECEMBER 9, 1999
(4): WELL WAS ABANDONED MARCH 28, 2002

LEGEND

EXISTING MONITORING WELL LOCATION (BY RMT, INC.)
MONITORING WELL LOCATION
FORMER MONITORING WELL LOCATION
CONCENTRATION GREATER THAN NR 140 ENFORCEMENT STANDARD
159 CONCENTRATION GREATER THAN NR 140 PREVENTIVE ACTION LIMIT
740.58 GROUNDWATER ELEVATION (AUGUST 1, 2000)
GROUNDWATER FLOW DIRECTION
AVERAGE HYDRAULIC GRADIENT 0.0068 FEET/FOOT

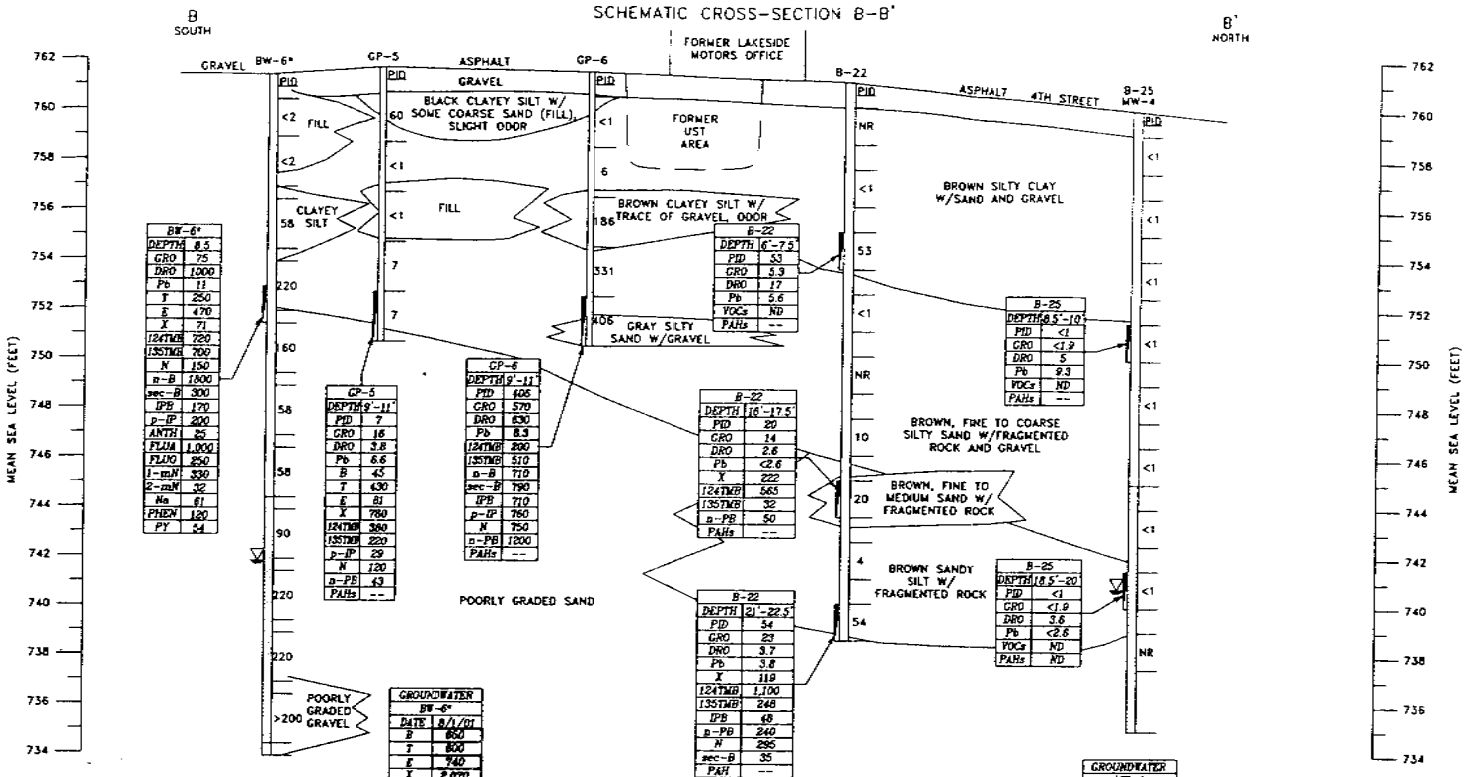
© 2002 Key Engineering Group Ltd.

0 15 30
SCALE: 1"=30'

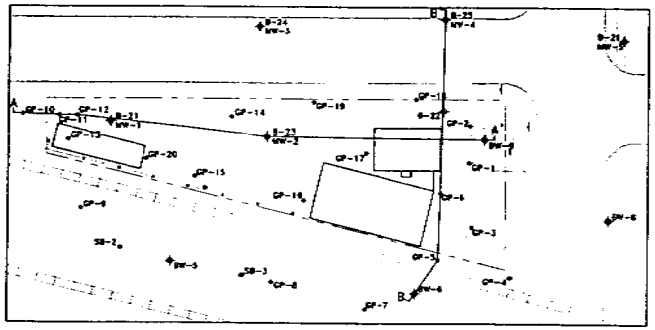
DRN. BY:	C.S.	DATE:	05/29/02
DSN. BY:	D.K.P.	FILE NO.:	0504013
CHK. BY:	D.K.P.	DWG. NO.:	05040137
REV. BY:	G.L.J.	SHEET NO.:	2

KEY ENGINEERING GROUP LTD.
ENVIRONMENTAL • CIVIL • RAILROAD

FIGURE 2
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS AND GROUNDWATER ELEVATION CONTOUR MAP (AUG. 1, 2001)
FORMER LAKESIDE MOTORS
337 DE PERE STREET
MENASHA, WISCONSIN



* WELL CONSTRUCTED BY RMT, INC., DATA OBTAINED FROM RMT'S REMEDIAL INVESTIGATION REPORT, OCTOBER, 1995



CROSS-SECTION LOCATION MAP

LEGEND

- GROUNDWATER ELEVATION (8/1/01)
- GROUNDWATER MONITORING WELL SCREEN INTERVAL
- SOIL SAMPLE INTERVAL
- 277 — SOIL CONCENTRATION EXCEEDS NR 746 TABLE 1 VALUES, GROUNDWATER CONCENTRATION EXCEEDS NR 140 PREVENTIVE ACTION LIMITS
- 25 — SOIL CONCENTRATION EXCEEDS NR 746 TABLE 2 VALUES, GROUNDWATER CONCENTRATION EXCEEDS NR 140 ENFORCEMENT STANDARDS

SOIL NOTES

P.I.D.: PHOTOIONIZATION DETECTOR, I.D.
I.U.: INSTRUMENT UNITS
Pb: TOTAL LEAD, mg/kg
GRO: GASOLINE RANGE ORGANICS, mg/kg
DRO: DIESEL RANGE ORGANICS, mg/kg
B: BENZENE, ug/kg
T: TOLUENE, ug/kg
E: ETHYLBENZENE, ug/kg
X: TOTAL XYLENES, ug/kg
124TMB: 1,2,4-TRIMETHYLBENZENE, ug/kg
135TMB: 1,3,5-TRIMETHYLBENZENE, ug/kg
TMB: TOTAL TRIMETHYLBENZENES, ug/kg
N: NAPHTHALENE, ug/kg
n-B: n-BUTYLBENZENE, ug/kg
sec-B: sec-BUTYLBENZENE, ug/kg
p-IP: p-ISOPROPYLTOLUENE, ug/kg
n-PB: n-PROPYLBENZENE, ug/kg
IPB: ISOPROPYLBENZENE, ug/kg
mg/kg: MILLIGRAMS PER KILOGRAM
ug/kg: MICROGRAMS PER KILOGRAM
< : LESS THAN

GROUNDWATER NOTES

GRO: GASOLINE RANGE ORGANICS, ug/l
DRO: DIESEL RANGE ORGANICS, ug/l
Pb: TOTAL LEAD, ug/l
B: BENZENE, ug/l
T: TOLUENE, ug/l
E: ETHYLBENZENE, ug/l
X: TOTAL XYLENES, ug/l
TMB: TOTAL TRIMETHYLBENZENES, ug/l
1,2-DCA: 1,2-DICHLOROETHANE, ug/l
IPE: ISOPROPYL ETHER, ug/l
IPB: ISOPROPYLBENZENE, ug/l
n-PB: n-PROPYLBENZENE, ug/l
N: NAPHTHALENE, ug/l
p-IP: p-ISOPROPYLTOLUENE, ug/l
sec-B: sec-BUTYLBENZENE, ug/l
ACN: ACENAPHTHALENE, ug/l
Na: NAPHTHALENE (PAH), ug/l
mg/l: MILLIGRAMS PER LITER
ug/l: MICROGRAMS PER LITER
ND : NO DETECTION
< : LESS THAN
-- : NOT ANALYZED

© 2002 Key Engineering Group Ltd.

0 10 20 (HORIZONTAL)
0 2.5 5 (VERTICAL)
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=5'

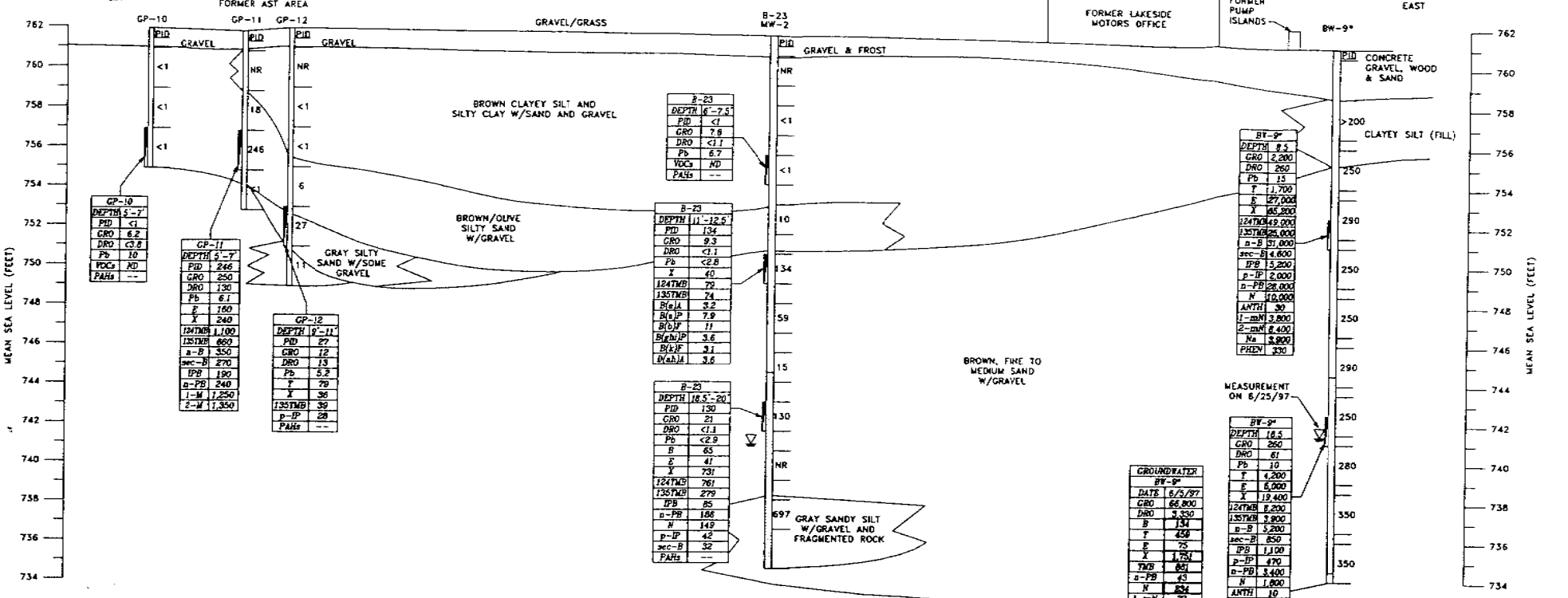
DRN. BY:	C.S.	DATE:	06/02/02
DSN. BY:	D.K.P.	FILE NO.:	0504013
CHK. BY:	D.K.P.	DWG. NO.:	05040139a
REV. BY:	G.L.J.	SHEET NO.:	2

KEY ENGINEERING GROUP Ltd.

FIGURE 3B
SCHEMATIC CROSS-SECTION B-B'

FORMER LAKESIDE MOTORS
337 DE PERE STREET
MENAHSA, WISCONSIN

SCHEMATIC CROSS-SECTION A-A'



GP-10	
DEPTH	5'-7'
PID	<1
GRO	6.2
DRO	<3.8
Pb	10
VOCs	ND
PAHs	--

GP-11	
DEPTH	5'-7'
PID	246
GRO	250
DRO	130
Pb	6.1
B	160
X	240
124TMB	1,100
135TMB	660
n-B	350
sec-B	270
IPB	190
n-PB	240
1-M	1,250
2-M	1,350

GP-12	
DEPTH	9'-11'
PID	27
GRO	12
DRO	13
Pb	5.2
T	79
X	36
135TMB	39
p-IP	28
PAHs	--

B-23	
DEPTH	6'-7.5'
PID	<1
GRO	7.8
DRO	<3.1
Pb	6.7
VOCs	ND
PAHs	--

B-23	
DEPTH	11'-12.5'
PID	134
GRO	9.3
DRO	<1.1
Pb	<2.8
X	40
124TMB	79
135TMB	74
B(a)A	3.2
B(a)P	7.9
B(b)F	11
B(ghi)P	3.6
B(k)F	3.1
D(ah)A	3.6

B-23	
DEPTH	18.5'-20'
PID	130
GRO	21
DRO	<1.1
Pb	<2.9
B	65
E	41
X	731
124TMB	761
135TMB	279
IPB	85
n-PB	186
N	149
p-IP	42
sec-B	32
PAHs	--

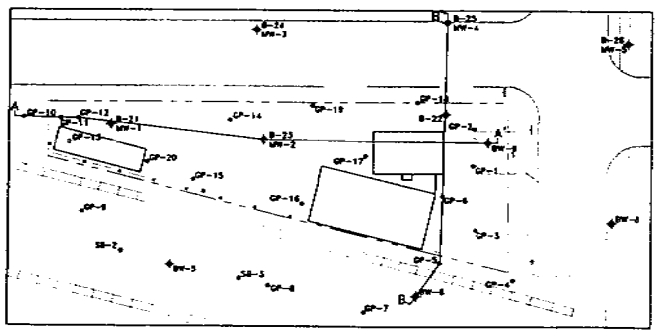
BW-9*	
DEPTH	8.5
GRO	2,200
DRO	260
Pb	15
T	1,700
E	27,000
X	65,200
124TMB	49,000
135TMB	25,000
n-B	31,000
sec-B	4,600
IPB	5,200
p-IP	2,000
n-PB	28,000
N	10,000
ANTH	30
1-mN	3,800
2-mN	8,400
Na	3,900
PHEN	330

BW-9*	
DEPTH	18.5
GRO	260
DRO	61
Pb	10
T	4,200
E	6,000
X	19,400
124TMB	8,200
135TMB	3,900
n-B	5,200
sec-B	850
IPB	1,100
p-IP	470
n-PB	3,400
N	1,800
ANTH	10
1-mN	500
2-mN	1,500
Na	720
PHEN	52
PY	8

GROUNDWATER BW-9*	
DATE	6/5/97
GRO	66,800
DRO	3,350
B	134
T	458
E	75
X	1,751
TMB	861
n-PB	43
N	834
1-mN	23
2-mN	84
Na	61

GROUNDWATER MW-2	
DATE	8/1/01
B	680
T	89
E	1,400
X	4,862
TMB	2,680
N	846

* WELL CONSTRUCTED BY RMT, INC., DATA OBTAINED FROM RMT'S REMEDIAL INVESTIGATION REPORT, OCTOBER, 1995



CROSS-SECTION LOCATION MAP

LEGEND

- GROUNDWATER ELEVATION (8/1/01)
- GROUNDWATER MONITORING WELL SCREEN INTERVAL
- SOIL SAMPLE INTERVAL
- 277 SOIL CONCENTRATION EXCEEDS NR 746 TABLE 1 VALUES, GROUNDWATER CONCENTRATION EXCEEDS NR 140 PREVENTIVE ACTION LIMITS
- 25 SOIL CONCENTRATION EXCEEDS NR 746 TABLE 2 VALUES, GROUNDWATER CONCENTRATION EXCEEDS NR 140 ENFORCEMENT STANDARDS

SOIL NOTES

P.I.D.: PHOTOIONIZATION DETECTOR, I.U.
I.U.: INSTRUMENT UNITS
Pb: TOTAL LEAD, mg/kg
GRO: GASOLINE RANGE ORGANICS, mg/kg
DRO: DIESEL RANGE ORGANICS, mg/kg
B: BENZENE, mg/kg
T: TOLUENE, mg/kg
E: ETHYLBENZENE, mg/kg
X: TOTAL XYLENES, mg/kg
124TMB: 1,2,4-TRIMETHYLBENZENE, mg/kg
135TMB: 1,3,5-TRIMETHYLBENZENE, mg/kg
N: NAPHTHALENE, mg/kg
n-B: n-BUTYLBENZENE, mg/kg
sec-B: sec-BUTYLBENZENE, mg/kg
p-IP: p-ISOPROPYLTOLUENE, mg/kg
n-PB: n-PROPYLBENZENE, mg/kg
IPB: ISOPROPYLBENZENE, mg/kg
1-mN: 1-METHYLNAPTHALENE, (PAH), mg/kg
2-mN: 2-METHYLNAPTHALENE, (PAH), mg/kg
ANTH: ANTHRACENE, mg/kg
PHEN: PHENANTHRENE, mg/kg
PY: PYRENE, mg/kg
mg/kg: MILLIGRAMS PER KILOGRAM
ug/kg: MICROGRAMS PER KILOGRAM
<: LESS THAN
--: NOT ANALYZED

GROUNDWATER NOTES

GRO: GASOLINE RANGE ORGANICS, mg/l
DRO: DIESEL RANGE ORGANICS, mg/l
Pb: TOTAL LEAD, mg/l
B: BENZENE, mg/l
T: TOLUENE, mg/l
E: ETHYLBENZENE, mg/l
X: TOTAL XYLENES, mg/l
TMB: TOTAL TRIMETHYLBENZENES, mg/l
1,2-DCL: 1,2-DICHLOROETHANE, mg/l
IPE: ISOPROPYL ETHER, mg/l
IPB: ISOPROPYLBENZENE, mg/l
n-PB: n-PROPYLBENZENE, mg/l
N: NAPHTHALENE, mg/l
p-IP: p-ISOPROPYLTOLUENE, mg/l
sec-B: sec-BUTYLBENZENE, mg/l
Na: NAPHTHALENE (PAH), mg/l
mg/l: MILLIGRAMS PER LITER
ug/l: MICROGRAMS PER LITER
ND: NO DETECTION
<: LESS THAN
--: NOT ANALYZED

© 2002 Key Engineering Group Ltd.

0 10 20 (HORIZONTAL)
0 2.5 5 (VERTICAL)
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=5'

DRN. BY:	C.S.	DATE:	06/02/02
DSN. BY:	D.K.P.	FILE NO.:	0504013
CHK. BY:	D.K.P.	DWG. NO.:	0504013Ba
REV. BY:	G.L.J.	SHEET NO.:	2

KEY ENGINEERING GROUP LTD.

FIGURE 3A
SCHEMATIC CROSS-SECTION A-A'

FORMER LAKESIDE MOTORS
337 DE PERE STREET
MENAHSA, WISCONSIN

AFFIDAVIT

I, GEOFF NOKES, am indicating, through this affidavit, that to the best of my knowledge, Wisconsin Central Ltd., owns the property indicated on the attached Exhibit A.

SIGNED AND SEALED IN PRESENCE OF

NOTARY PUBLIC

GREGORY L. DAVIS, SR

OFFICIAL SEAL
GREGORY L DAVIS SR
NOTARY PUBLIC STATE OF ILLINOIS
MY COMMISSION EXP. AUG. 17,2005

(Seal)

State of ILLINOIS,)
) ss.
COOK County.)

Personally came before me, this 7TH day of JUNE, A.D., 2002, the above named GEOFF NOKES, to me known to be the person who executed the foregoing instrument.

Notary Public, State of ILLINOIS

My Commission 8-17-05