GIS REGISTRY INFORMATION

SITE NAME:	Pennzoil 10 Minute Oil Change		
BRRTS #:	03-45-257690	**FID #** (if appropriate):	
COMMERCE # (if appropriate):	54911-3548-02		
CLOSURE DATE:	10-5-2005		
STREET ADDRESS:	1302 N Richmond St		
CITY:	Appleton		

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X =**	646459		**Y =**	423420	
CONTAMINATED MEDIA:	Groundwater		Soil		Both	x
OFF-SOURCE GW CONTAMINATION >ES:	Yes			No	x	
• **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	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	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	x
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)	x
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.**	
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.* (8.5x14' if paper copy)	
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)	x
Copy of (soil or land use) deed restriction (s) or deed notice if any required as a condition of closure	

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2129 Jackson Street
Oshkosh, Wisconsin 54901-1805
TDD #: (608) 264-8777
Fax #: (920) 424-0217
Jim Doyle, Governor
Mary P. Burke, Secretary

October 5, 2005

Wayne Lobdell
L & R Properties
PO Box 1269
Traverse City, MI 49686

RE: **Final Closure**

Commerce # 54911-3548-02 WDNR BRRTS # 03-45-257690
Pennzoil 10 Minute Oil Change, 1302 N Richmond St, Appleton

Dear Mr. Lobdell:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of the site referenced above. This case is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual contamination. It is in your best interest to keep all documentation related to the environmental activities that were conducted.

If residual contamination is encountered 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.

The use and abandonment responsibility for monitoring well MW-6, installed as part of this investigation/remediation is hereby transferred to PECFA claim number 54914-3512-05 (WDNR BRRTS #03-45-204720), known as Appleton-Neenah-MenashaTaxi, 705 W. Wisconsin Avenue, Appleton.

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0025.

Sincerely,

Thomas Verstegen
Department of Commerce
PECFA - Site Review Section

cc: Dave Larsen – REI
Mr. Paul Davies, PO Box 82, Appleton WI 54914
Tom Sturm – WDNR (electronic)
Case File

File Ref: G:\Electronic Mailbox\549\54911\354802\05-10-5 CLOSEFINAL.doc

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Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2129 Jackson Street
Oshkosh, Wisconsin 54901-1805
TDD #: (608) 264-8777
Fax #: (920) 424-0217
Jim Doyle, Governor
Mary P. Burke, Secretary

September 7, 2005

Wayne Lobdell
L & R Properties
PO Box 1269
Traverse City, MI 49686

RE: **Conditional Case Closure**

Commerce # 54911-3548-02 WDNR BRRTS # 03-45-257690
Pennzoil 10 Minute Oil Change, 1302 N Richmond St, Appleton

Dear Mr. Lobdell:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, REI, for the site referenced above. It is understood that residual soil and groundwater contamination remains on-site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary.

The following conditions must be satisfied to obtain final closure:

- All monitoring wells with the exception of MW-6 need to be properly abandoned and the required abandonment forms forwarded to this office at the letterhead address.

This letter serves as your written notice of "no further action". Timely filing of your final PECFA claim (if applicable) is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0025.

Sincerely,

Thomas Verstegen
Department of Commerce
PECFA - Site Review Section

cc: Dave Larsen - REI
Case File

File Ref: C:\Transfer Stuff\Penzoil CONDITIONAL_CLOSURE.doc

1564480

Document Number

STATE BAR OF WISCONSIN FORM 1 - 2000

WARRANTY DEED

This Deed, made between **L & R Properties, a Michigan Partnership** Grantor, and **Troy Dewitt** Grantee.

Grantor, for a valuable consideration, conveys to Grantee the following described real estate in **Outagamie** County, State of Wisconsin (the "Property") (if more space is needed, please attach addendum):

That part of Lots Three (3) and Four (4), in Block Nine (9), in the 6TH WARD PLAT, of the City of Appleton, Outagamie County, Wisconsin, according to the Assessor's Map thereof, recorded in Book 7 of Plats, page 1, described as: Commencing at the Northeast corner of Richmond Street and Wisconsin Avenue in the City of Appleton; thence North along the East line of Richmond Street, 80 feet; thence East, parallel to the North line of Wisconsin Avenue, 80 feet; thence South parallel to the East line of Richmond Street 80 feet; thence West along the North line of Wisconsin Avenue, 80 feet to the point of beginning. Excepting therefrom that part described in Award of Damages by the City of Appleton recorded in Jacket 5480, Image 5.

ETC-544439

TRANSFER
$ 225.00
FEE

OUTAGAMIE COUNTY
RECEIVED FOR RECORD

AUG - 4 2003

AT 10 O'CLOCK A.M. ~~P.M.~~
JANICE FLENZ
REGISTER OF DEEDS

Recording Area

Name and Return Address Grantee
2501 E. Gatewood
Appleton WI 54915

pd 11.00

Together with all appurtenant rights, title and interests.

31-6-0749-00-0
Parcel Identification Number (PIN)
This is not homestead property
(is) (is not)

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except **easements and restrictions of record.**

Dated this 28 day of July, 2003.

L & R Properties, a Michigan Partnership

* **BY: Wayne H. Lobdell, Authorized Partner**

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
Attorney Bruce Chudacoff
Appleton, Wisconsin 54911

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

ACKNOWLEDGMENT

STATE OF MICHIGAN)
) ss.
GRAND TRAVERSE County)

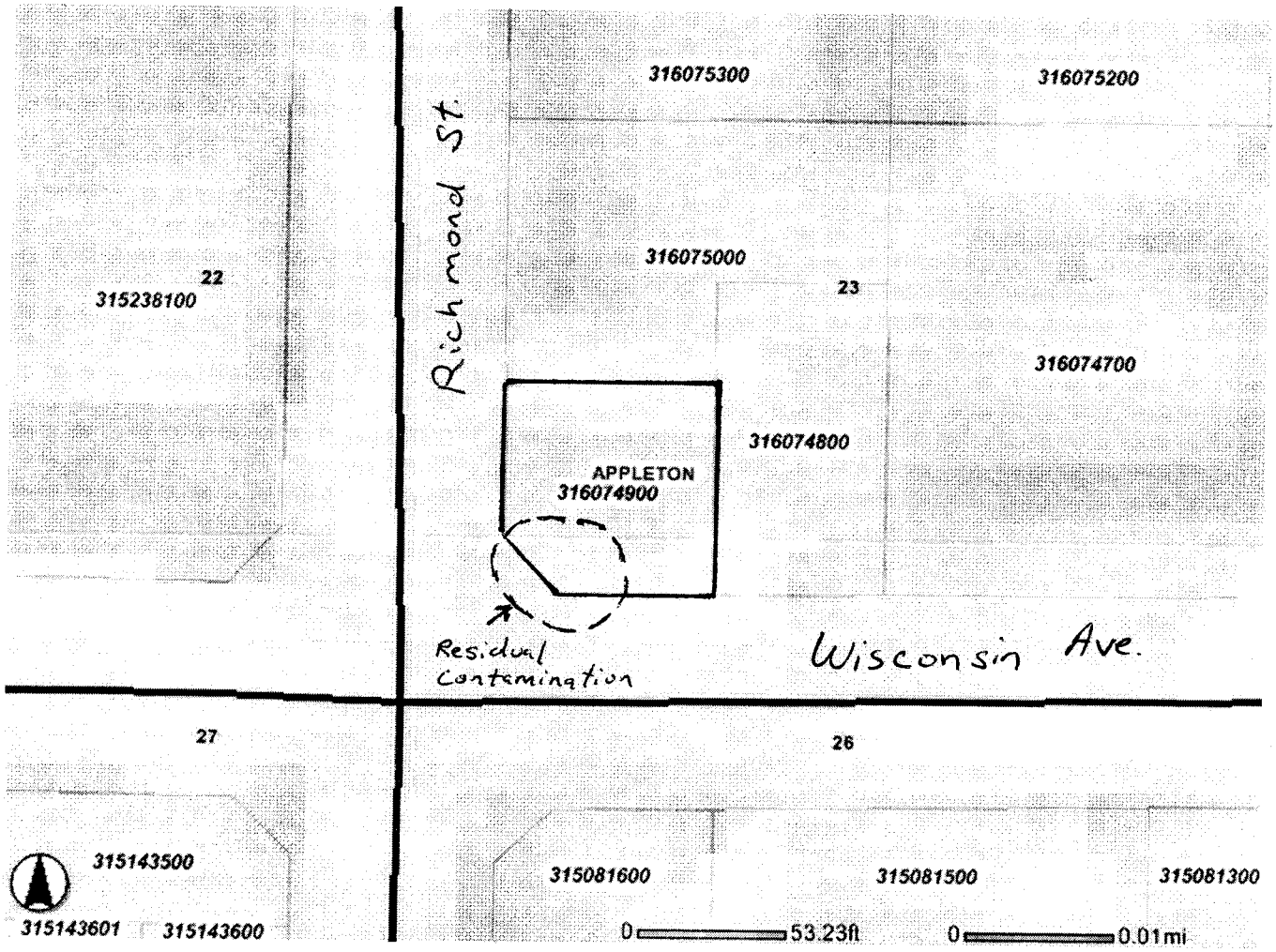
Personally came before me this 28th day of **July**, **2003** the above named **Wayne H. Lobdell**

to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

* MARY K STUMO
Notary Public, State of MICHIGAN
My Commission is permanent. (If not, state expiration date: 4/26, 2007.)

* Names of persons signing in any capacity must be typed or printed below their signature.

INFO-PRO (800)655-2021 www.infoproforms.comSTATE BAR OF WISCO


316075300
316075200
Richmond St.
316075000
22
315238100
23
316074700
316074800
APPLETON
316074900
Residual Contamination
Wisconsin Ave.
27
26
315143500
315143601
315143600
315081600
315081500
315081300
0
53.23ft
0
0.01mi

2004 Property Record
Outagamie County, Wisconsin

2004

Owner

For privacy concerns, name not available.

APPLETON,WI 549150000

Parcel # 316074900

Document #

Property Information

Township:	CITY OF APPLETON
School District:	APPLETON SCHOOLS
Vocational District:	FOX VALLEY TECH

Property Description

SIXTH WARD PLAT 6WD S80FT OF W10FT OF LOT 3 AND S80FT OF LOT 4 BLK 9 LESS THAT PRT USED FOR STR 5480M5-6 (DOC1564480)

Property Address:	1302 N RICHMOND ST
Municipality:	CITY OF APPLETON

Land Valuation

Land Class Code	Acreage	Land Value ($)	Improvement Value($)	Total($)
G2	0.0	27,100	72,700	99,800
	0.0	27,100	72,700	99,800

Assessment Ratio:	.9482
Fair Market Value:	$105252

Tax Information

Gross Tax:	$2300.01
Special Assessments:	$407.09
Lottery Credit:	$(.00)
Total Tax Bill Current:	$2707.10

Tax Payment

Amount Paid:	$1557.10
Balance Due:	$1150.00
As Of Date:	2005-04-24 00:00:00

If balance due, contact County Treasurer for payoff information.

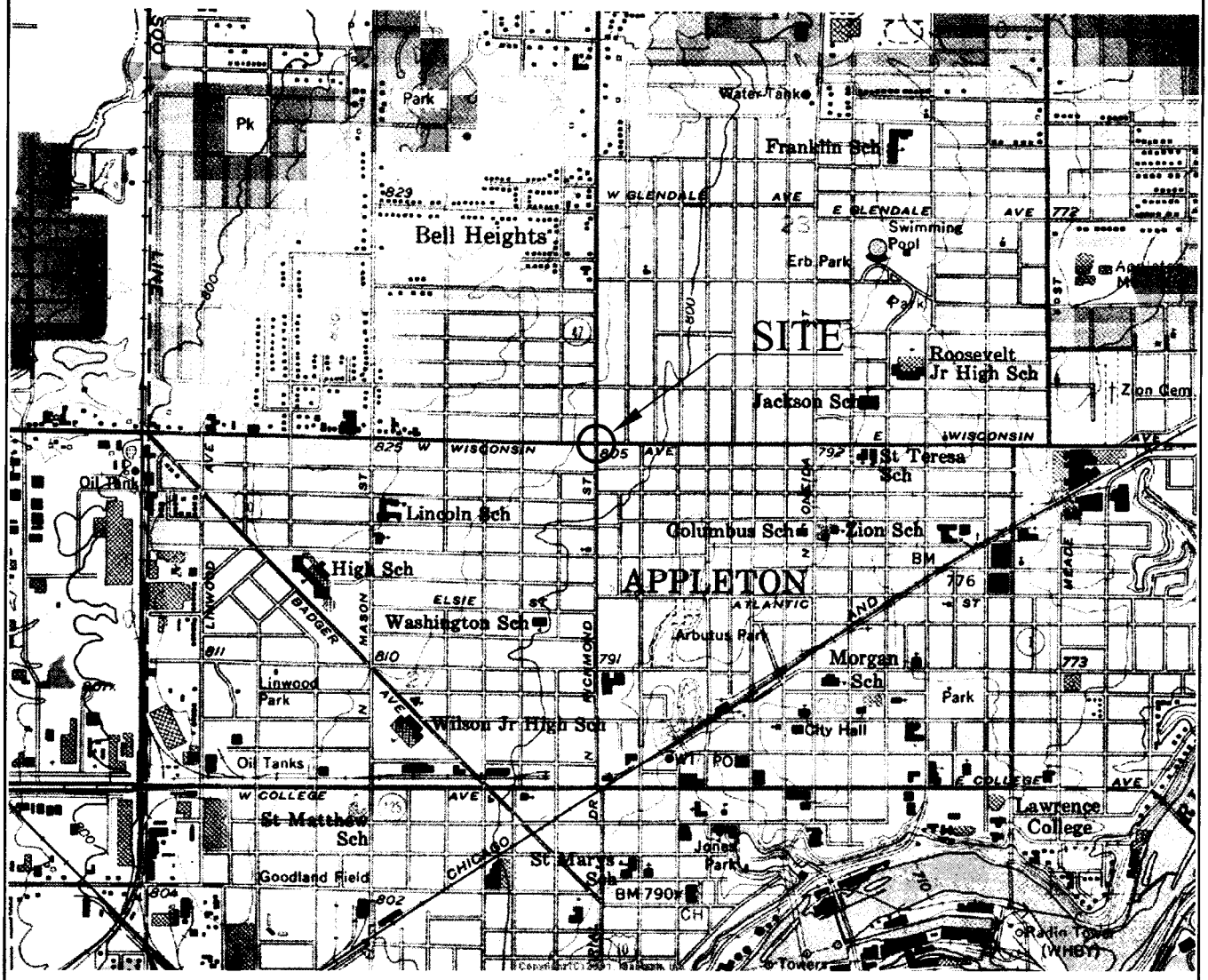
Print this Report | Close Window

Tax Bill

You must have the free *Adobe Acrobat Reader* installed on your computer to view the tax bill.

Get Adobe Reader

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

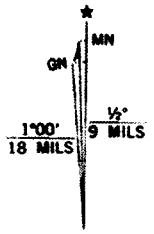


1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS NORMAL POOL LEVEL



UTM GRID AND 1984 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

APPLETON, WIS.

SW/4 APPLETON 15' QUADRANGLE
44088-C4-TF-024

1955
PHOTOREVISED 1984
DMA 3372 IV SW—SERIES 861

QUADRANGLE LOCATION

J:\DRAFTING\1980topo\1980VICIN.dwg

L&R PROPERTIES/PENNZOIL 10 MINUTE QUICK CHANGE 1302 NORTH RICHMOND AVENUE APPLETON, WISCONSIN	FIGURE 1 : SITE VICINITY MAP		
	PROJECT NO. 1980	DRAWN BY: TJR	DATE: 6/9/04

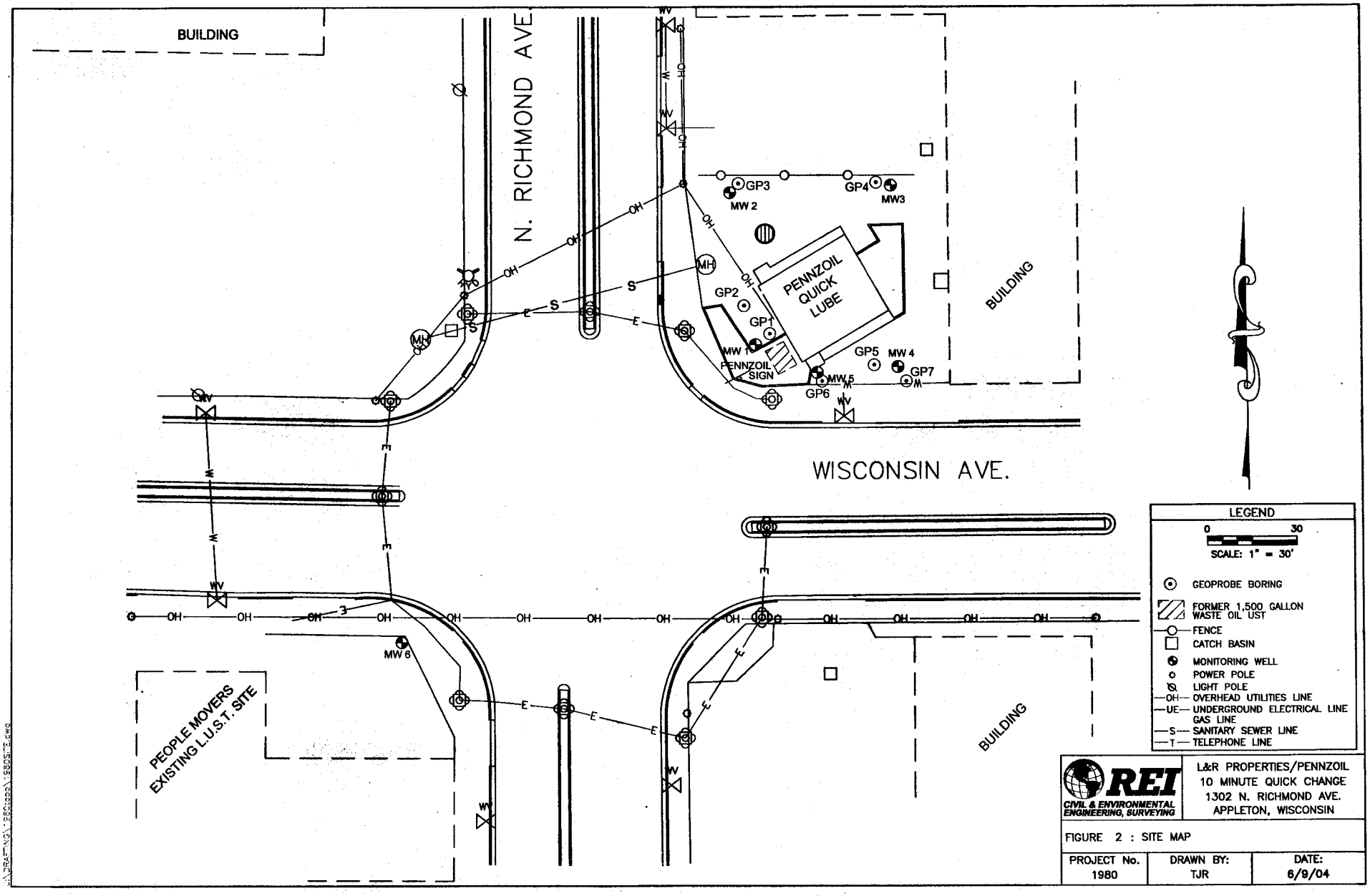

BUILDING
N. RICHMOND AVE.
WISCONSIN AVE.
PENNZOIL QUICK LUBE
PENNZOIL SIGN
GP1
GP2
GP3
GP4
GP5
GP6
GP7
MW 1
MW 2
MW3
MW 4
MW 5
MW 6
MH
OH
S
E
W
WV
PEOPLE MOVERS EXISTING L.U.S.T. SITE
BUILDING
BUILDING
LEGEND
0
30
SCALE: 1" = 30'
GEOPROBE BORING
FORMER 1,500 GALLON WASTE OIL UST
FENCE
CATCH BASIN
MONITORING WELL
POWER POLE
LIGHT POLE
OH OVERHEAD UTILITIES LINE
UE UNDERGROUND ELECTRICAL LINE
GAS LINE
S SANITARY SEWER LINE
T TELEPHONE LINE
REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING
L&R PROPERTIES/PENNZOIL
10 MINUTE QUICK CHANGE
1302 N. RICHMOND AVE.
APPLETON, WISCONSIN
FIGURE 2 : SITE MAP
PROJECT No.
1980
DRAWN BY:
TJR
DATE:
6/9/04

Table 3h
Summary of Groundwater Analytical Results
Sump
L&R Properties
1302 North Richmond Avenue
Appleton, WI

Parameter	ES	PAL	Units	11/18/2004	12/9/2004	1/12/2005
PVOC Parameters						
Benzene	5	0.5	µg/l	**0.79**	**32**	**14**
Toluene	1,000	200	µg/l	4.7	4.2	2
Ethylbenzene	700	140	µg/l	< 0.40	21	4.7
Xylenes (mixed isomers)	10,000	1,000	µg/l	0.54*	45.2	20
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.36	0.72*	< 0.36
Trimethylbenzenes (mixed isomers)	480	96	µg/l	2.2*	10.5	3.93
Naphthalene	40	8	µg/l	0.73	2	0.91*

Notes:
ES = NR140.10 Enforcement Standards
Italicized PAH limits are non-enforceable guidance limits only
NA = Not Analyzed
* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Enforcement Standard exceeded	**BOLD**
Preventive Action Limit exceeded	BOLD

K:\REIPROJ\1900-1999\1980\Reports\Closure\[1980Ctbls3.xls]Sump

Table 3b
Summary of Groundwater Analytical Results
MW1
L&R Properties
1302 North Richmond Avenue
Appleton, WI

Parameter	ES	PAL	Units	9/27/2001	12/19/2001	3/20/2002	7/23/2002	11/22/2002	2/7/2003	7/7/2003	10/3/2003	2/11/2004	6/17/2004
GRO			µg/l	2,200	NA	NA	NA	NA	NA	NA	NA	NA	NA
DRO			µg/l	4,300	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOC Parameters													
Benzene	5	0.5	µg/l	1,300	2,700	2,100	1,900	2,000	1,900	1,600	1,500	1,400	1,100
Toluene	1,000	200	µg/l	37	50	100	96	94	100	120	100	95	110
Ethylbenzene	700	140	µg/l	53	210	530	820	730	720	1,300	980	940*	1,200
Xylenes (mixed isomers)	10,000	1,000	µg/l	119	137	504	556	353	560	1,383	937	946	1,890
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 6.7	< 8.6	< 8.6	< 8.6	< 17	< 4.3	< 5.8	11*	9.9*	9.8*
Trimethylbenzenes (mixed isomers)	480	96	µg/l	6.7	26	122	145	97	116*	310	228.7*	216.7*	410
Methylene Chloride	5	0.5	µg/l	< 8.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	µg/l	< 5.9	NA	NA	67	57	47	130	93	72	130
sec-Butylbenzene			µg/l	< 4.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene			µg/l	< 6.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyl toluene			µg/l	< 5.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	µg/l	90	NA	NA	NA	< 11	NA	NA	NA	NA	NA
PAH Parameters													
Acenaphthene	600	120	µg/l	< 0.036	< 0.36	< 0.36	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	5	1	µg/l	0.13 *	< 0.46	< 0.46	NA	NA	NA	NA	NA	NA	NA
Anthracene	3000	600	µg/l	< 0.040	< 0.40	< 0.40	NA	NA	NA	NA	NA	NA	NA
Benzo(a)Anthracene	0.048	0.0048	µg/l	< 0.038	< 0.38	< 0.38	NA	NA	NA	NA	NA	NA	NA
Benzo(a)Pyrene	0.2	0.02	µg/l	< 0.024	< 0.24	< 0.24	NA	NA	NA	NA	NA	NA	NA
Benzo(b)Fluoranthene	0.2	0.02	µg/l	< 0.028	< 0.28	< 0.28	NA	NA	NA	NA	NA	NA	NA
Benzo(ghi)Perylene			µg/l	< 0.03	< 0.30	< 0.30	NA	NA	NA	NA	NA	NA	NA
Benzo(k)Fluoranthene			µg/l	< 0.026	< 0.26	< 0.26	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)Pyrene	0.048	0.0048	µg/l	< 0.028	< 0.28	< 0.28	NA	NA	NA	NA	NA	NA	NA
Chrysene			µg/l	< 0.036	< 0.36	< 0.36	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)Anthracene	0.0048	0.00048	µg/l	< 0.034	< 0.34	< 0.34	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	400	80	µg/l	< 0.056	< 0.56	< 0.56	NA	NA	NA	NA	NA	NA	NA
Fluorene			µg/l	0.063 *	< 0.42	< 0.42	NA	NA	NA	NA	NA	NA	NA
2-Methyl Naphthalene			µg/l	0.11 *	1.1 *	0.79 *	NA	NA	NA	NA	NA	NA	NA
1-Methyl Naphthalene	700	140	µg/l	0.11 *	0.63 *	0.72 *	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	µg/l	0.26	8.6	13	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			µg/l	< 0.038	< 0.38	< 0.38	NA	NA	NA	NA	NA	NA	NA
Pyrene			µg/l	< 0.040	< 0.40	< 0.40	NA	NA	NA	NA	NA	NA	NA
Inorganics													
Lead	15	1.5	µg/l	< 0.39	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate+Nitrite (as N)	10	2	mg/l	0.66	NA	0.039	NA	NA	NA	NA	NA	NA	NA
Sulfate	250	125	mg/l	7.4	NA	6.8	NA	NA	NA	NA	NA	NA	NA
Iron (filtered)	0.3	0.15	mg/l	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA
Field Measurements													
Temperature			°F	NA	58.03	NA	NA	NA	NA	NA	NA	NA	NA
Conductivity			µS/cm	NA	1,227	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen			mg/l	NA	3.3	NA	NA	NA	NA	NA	NA	NA	NA
pH				NA	7.87	NA	NA	NA	NA	NA	NA	NA	NA
Redox Potential			mV	NA	21.9	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
ES = NR140.10 Enforcement Standards
PAL = NR140.10 Preventive Action Limits
Italicized PAH limits are non-enforceable guidance limits only
NA = Not Analyzed
* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation
Enforcement Standard exceeded — BOLD
Preventive Action Limit exceeded — BOLD

K:\REIPROJ\1900-1999\1980\Reports\Closure\[1980Tbls3.xls]MW1

Table 3c
Summary of Groundwater Analytical Results
MW2
L&R Properties
1302 North Richmond Avenue
Appleton, WI

Parameter	ES	PAL	Units	9/27/2001	12/19/2001	3/30/2002	7/23/2002	11/22/2002	2/7/2003	7/7/2003	10/3/2003	2/11/2004	6/17/2004
GRO			µg/l	770	NA	NA	NA	NA	NS	NA	NA	NA	NS
DRO			µg/l	1,300	NA	NA	NA	NA	NS	NA	NA	NA	NS
VOC Parameters													
Benzene	5	0.5	µg/l	0.76 *	1.7	< 0.45	< 0.45	< 0.45	NS	< 0.3	< 0.3	< 0.3	NS
Toluene	1,000	200	µg/l	1.1 *	0.84 *	< 0.68	< 0.68	< 0.68	NS	< 0.58	< 0.58	< 0.58	NS
Ethylbenzene	700	140	µg/l	21	9.5	< 0.82	< 0.82	< 0.82	NS	< 0.6	< 0.7*	< 0.6	NS
Xylenes (mixed isomers)	10,000	1,000	µg/l	70.4	32.9	< 1.7	< 1.7	< 1.7	NS	< 1.2	< 1.2	< 1.2	NS
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.67	2.1	< 0.43	< 0.43	< 0.43	NS	< 0.58	< 0.58	< 0.58	NS
Trimethylbenzenes (mixed isomers)	480	96	µg/l	28.9	18.1	< 0.94	< 0.94	< 0.94	NS	< 0.66	< 0.66	< 0.66	NS
Methylene Chloride	5	0.5	µg/l	< 0.85	NA	NA	NA	NA	NS	NA	NA	NA	NS
Naphthalene	40	8	µg/l	3.6	NA	NA	< 0.89	< 0.89	NS	< 0.58	< 0.58	< 0.58	NS
sec-Butylbenzene			µg/l	3.4	NA	NA	NA	NA	NS	NA	NA	NA	NS
n-Propylbenzene			µg/l	11	NA	NA	NA	NA	NS	NA	NA	NA	NS
Isopropyl benzene				5.5	NA	NA	NA	NA	NS	NA	NA	NA	NS
p-Isopropyl toluene			µg/l	< 0.57	NA	NA	NA	NA	NS	NA	NA	NA	NS
1,2-Dichloroethane	5	0.5	µg/l	3.5	NA	NA	NA	NA	NS	NA	NA	NA	NS
PAH Parameters													
Acenaphthene	600	120	µg/l	0.074	< 0.072	0.019 *	NA	NA	NS	NA	NA	NA	NS
Acenaphthylene	5	1	µg/l	0.037 *	< 0.092	< 0.023	NA	NA	NS	NA	NA	NA	NS
Anthracene	3000	600	µg/l	< 0.02	< 0.080	< 0.020	NA	NA	NS	NA	NA	NA	NS
Benzo(a)Anthracene	0.048	0.0048	µg/l	< 0.019	< 0.076	< 0.019	NA	NA	NS	NA	NA	NA	NS
Benzo(a)Pyrene	0.2	0.02	µg/l	< 0.012	< 0.048	< 0.012	NA	NA	NS	NA	NA	NA	NS
Benzo(b)Fluoranthene	0.2	0.02	µg/l	< 0.014	< 0.056	< 0.014	NA	NA	NS	NA	NA	NA	NS
Benzo(ghi)Perylene			µg/l	< 0.015	< 0.060	< 0.015	NA	NA	NS	NA	NA	NA	NS
Benzo(k)Fluoranthene			µg/l	< 0.013	< 0.052	< 0.013	NA	NA	NS	NA	NA	NA	NS
Indeno(1,2,3-cd)Pyrene	0.048	0.0048	µg/l	< 0.014	< 0.056	< 0.014	NA	NA	NS	NA	NA	NA	NS
Chrysene			µg/l	< 0.018	< 0.072	< 0.018	NA	NA	NS	NA	NA	NA	NS
Dibenzo(a,h)Anthracene	0.0048	0.0005	µg/l	< 0.017	< 0.068	< 0.017	NA	NA	NS	NA	NA	NA	NS
Fluoranthene	400	80	µg/l	< 0.028	< 0.011	< 0.028	NA	NA	NS	NA	NA	NA	NS
Fluorene			µg/l	0.048 *	< 0.084	< 0.021	NA	NA	NS	NA	NA	NA	NS
2-Methyl Naphthalene			µg/l	< 0.028	< 0.11	< 0.028	NA	NA	NS	NA	NA	NA	NS
1-Methyl Naphthalene	700	140	µg/l	0.11 *	1.2	0.19	NA	NA	NS	NA	NA	NA	NS
Naphthalene	40	8	µg/l	0.48	1.5	0.13	NA	NA	NS	NA	NA	NA	NS
Phenanthrene			µg/l	< 0.019	< 0.076	< 0.019	NA	NA	NS	NA	NA	NA	NS
Pyrene			µg/l	0.029 *	< 0.080	< 0.020	NA	NA	NS	NA	NA	NA	NS
Inorganics													
Lead	15	1.5	µg/l	1.1 *	NA	NA	NA	NA	NS	NA	NA	NA	NS
Nitrate+Nitrite (as N)	10	2	mg/l	0.4	< 0.014	0.055	NA	NA	NS	NA	NA	NA	NS
Sulfate	250	125	mg/l	88	62	94	NA	NA	NS	NA	NA	NA	NS
Iron (filtered)	0.3	0.15	mg/l	**2.6**	5.5	NA	NA	NA	NS	NA	NA	NA	NS
Field Measurements													
Temperature			°F	NA	56.15	NA	NA	NA	NS	NA	NA	NA	NS
Conductivity			µS/cm	NA	1,665	NA	NA	NA	NS	NA	NA	NA	NS
Dissolved Oxygen			mg/l	NA	3.17	NA	NA	NA	NS	NA	NA	NA	NS
pH				NA	8.24	NA	NA	NA	NS	NA	NA	NA	NS
Redox Potential			mV	NA	48.1	NA	NA	NA	NS	NA	NA	NA	NS

Notes:
ES = NR140.10 Enforcement Standards
PAL = NR140.10 Preventive Action Limits
Italicized PAH limits are non-enforceable guidance limits only
NA = Not Analyzed
NS = Not Sampled
* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation
Enforcement Standard exceeded — BOLD
Preventive Action Limit exceeded — BOLD

Table 3d
Summary of Groundwater Analytical Results
MW3
L&R Properties
1302 North Richmond Avenue
Appleton, WI

Parameter	ES	PAL	Units	9/27/2001	12/19/2001	3/30/2002	7/23/2002	11/22/2002	2/7/2003	7/7/2003	10/3/2003	2/11/2004	6/17/2004
GRO			µg/l	< 50	NA	NA	NA	NA	NS	NA	NA	NA	NS
DRO			µg/l	480	NA	NA	NA	NA	NS	NA	NA	NA	NS
VOC Parameters													
Benzene	5	0.5	µg/l	< 0.48	< 0.45	< 0.45	< 0.45	< 0.45	NS	< 0.3	< 0.3	< 0.3	NS
Toluene	1,000	200	µg/l	< 0.47	< 0.68	< 0.68	< 0.68	< 0.68	NS	< 0.58	< 0.58	< 0.58	NS
Ethylbenzene	700	140	µg/l	< 0.43	< 0.82	< 0.82	< 0.82	< 0.82	NS	< 0.6	< 0.6	< 0.6	NS
Xylenes (mixed isomers)	10,000	1,000	µg/l	< 1.94	< 1.7	< 1.7	< 1.7	< 1.7	NS	< 1.2	< 1.2	< 1.2	NS
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.67	< 0.43	< 0.43	< 0.43	< 0.43	NS	< 0.58	< 0.58	< 0.58	NS
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 1.3	< 0.94	< 0.94	< 0.94	< 0.94	NS	< 0.66	< 0.66	< 0.66	NS
Methylene Chloride	5	0.5	µg/l	< 0.85	NA	NA	NA	NA	NS	NA	NA	NA	NS
Naphthalene	40	8	µg/l	< 0.59	NA	NA	< 0.89	< 0.89	NS	< 0.58	< 0.58	< 0.58	NS
sec-Butylbenzene			µg/l	< 0.49	NA	NA	NA	NA	NS	NA	NA	NA	NS
n-Propylbenzene			µg/l	< 0.64	NA	NA	NA	NA	NS	NA	NA	NA	NS
p-Isopropyl toluene			µg/l	< 0.57	NA	NA	NA	NA	NS	NA	NA	NA	NS
1,2-Dichloroethane	5	0.5	µg/l	< 0.47	NA	NA	NA	NA	NS	NA	NA	NA	NS
PAH Parameters													
Acenaphthene	600	120	µg/l	< 0.020	< 0.018	< 0.018	NA	NA	NS	NA	NA	NA	NS
Acenaphthylene	5	1	µg/l	0.040 *	< 0.023	< 0.023	NA	NA	NS	NA	NA	NA	NS
Anthracene	3000	600	µg/l	< 0.022	< 0.020	< 0.020	NA	NA	NS	NA	NA	NA	NS
Benzo(a)Anthracene	0.048	0.0048	µg/l	< 0.021	< 0.019	< 0.019	NA	NA	NS	NA	NA	NA	NS
Benzo(a)Pyrene	0.2	0.02	µg/l	< 0.013	< 0.012	< 0.012	NA	NA	NS	NA	NA	NA	NS
Benzo(b)Fluoranthene	0.2	0.02	µg/l	< 0.015	< 0.014	< 0.014	NA	NA	NS	NA	NA	NA	NS
Benzo(ghi)Perylene			µg/l	< 0.016	< 0.015	< 0.015	NA	NA	NS	NA	NA	NA	NS
Benzo(k)Fluoranthene			µg/l	< 0.014	< 0.013	< 0.013	NA	NA	NS	NA	NA	NA	NS
Indeno(1,2,3-cd)Pyrene	0.048	0.0048	µg/l	< 0.015	< 0.014	< 0.014	NA	NA	NS	NA	NA	NA	NS
Chrysene			µg/l	< 0.020	< 0.018	< 0.018	NA	NA	NS	NA	NA	NA	NS
Dibenzo(a,h)Anthracene	0.0048	0.0005	µg/l	< 0.019	< 0.017	< 0.017	NA	NA	NS	NA	NA	NA	NS
Fluoranthene	400	80	µg/l	< 0.031	< 0.028	< 0.028	NA	NA	NS	NA	NA	NA	NS
Fluorene			µg/l	< 0.023	< 0.021	< 0.021	NA	NA	NS	NA	NA	NA	NS
2-Methyl Naphthalene			µg/l	0.052 *	< 0.028	< 0.028	NA	NA	NS	NA	NA	NA	NS
1-Methyl Naphthalene	700	140	µg/l	< 0.030	< 0.027	< 0.027	NA	NA	NS	NA	NA	NA	NS
Naphthalene	40	8	µg/l	0.041 *	< 0.027	< 0.027	NA	NA	NS	NA	NA	NA	NS
Phenanthrene			µg/l	< 0.021	< 0.019	< 0.019	NA	NA	NS	NA	NA	NA	NS
Pyrene			µg/l	< 0.022	< 0.020	< 0.020	NA	NA	NS	NA	NA	NA	NS
Inorganics													
Lead	15	1.5	µg/l	< 0.39	NA	NA	NA	NA	NS	NA	NA	NA	NS
Nitrate+Nitrite (as N)	10	2	mg/l	3	< 0.014	0.032	NA	NA	NS	NA	NA	NA	NS
Sulfate	250	125	mg/l	80	80	80	NA	NA	NS	NA	NA	NA	NS
Iron (filtered)	0.3	0.15	mg/l	0.59	0.35	NA	NA	NA	NS	NA	NA	NA	NS
Field Measurements													
Temperature			°F	NA	57	45.24	NA	NA	NS	NA	NA	NA	NS
Conductivity			µS/cm	NA	1,325	1,095	NA	NA	NS	NA	NA	NA	NS
Dissolved Oxygen			mg/l	NA	3.57	6.41	NA	NA	NS	NA	NA	NA	NS
pH				NA	8.63	8.85	NA	NA	NS	NA	NA	NA	NS
Redox Potential			mV	NA	25.1	-2.7	NA	NA	NS	NA	NA	NA	NS

Notes:
ES = NR140.10 Enforcement Standards
PAL = NR140.10 Preventive Action Limits
Italicized PAH limits are non-enforceable guidance limits only
NA = Not Analyzed
NS = Not sampled
* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation
Enforcement Standard exceeded **BOLD**
Preventive Action Limit exceeded BOLD

K:\REIPROJ\1900-1999\1980\Reports\Closure\[1980Ctbls3.xls]MW3

Table 3e
Summary of Groundwater Analytical Results
MW4
L&R Properties
1302 North Richmond Avenue
Appleton, WI

Parameter	ES	PAL	Units	9/27/2001	12/19/2001	3/30/2002	7/23/2002	11/22/2002	2/7/2003	7/7/2003	10/3/2003	2/11/2004	6/17/2004
GRO			µg/l	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NS
DRO			µg/l	3,800	NA	NA	NA	NA	NA	NA	NA	NA	NS
VOC Parameters													
Benzene	5	0.5	µg/l	0.51	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.3	< 0.3	< 0.3	NS
Toluene	1,000	200	µg/l	< 0.47	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.58	< 0.58	< 0.58	NS
Ethylbenzene	700	140	µg/l	1.8	5.1	< 0.82	< 0.82	< 0.82	< 0.82	< 0.6	< 0.6	< 0.6	NS
Xylenes (mixed isomers)	10,000	1,000	µg/l	2.2	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.2	< 1.2	< 1.2	NS
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.67	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.58	< 0.58	< 0.58	NS
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 0.52	< 0.94	< 0.94	< 0.94	< 0.94	< 0.94	< 0.66	< 0.66	< 0.66	NS
Methylene Chloride	5	0.5	µg/l	< 0.85	NA	NA	NA	NA	NA	NA	NA	NA	NS
Naphthalene	40	8	µg/l	< 0.59	NA	NA	< 0.89	< 0.89	< 0.89	< 0.58	< 0.58	< 0.58	NS
sec-Butylbenzene			µg/l	< 0.49	NA	NA	NA	NA	NA	NA	NA	NA	NS
n-Propylbenzene			µg/l	< 0.64	NA	NA	NA	NA	NA	NA	NA	NA	NS
p-Isopropyl toluene			µg/l	< 0.57	NA	NA	NA	NA	NA	NA	NA	NA	NS
1,2-Dichloroethane	5	0.5	µg/l	< 0.48	NA	NA	NA	NA	NA	NA	NA	NA	NS
PAH Parameters													
Acenaphthene	600	120	µg/l	< 0.018	< 0.018	NA	NA	NA	NA	NA	NA	NA	NS
Acenaphthylene	5	1	µg/l	< 0.023	0.044 *	NA	NA	NA	NA	NA	NA	NA	NS
Anthracene	3000	600	µg/l	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NS
Benzo(a)Anthracene	0.048	0.0048	µg/l	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NS
Benzo(a)Pyrene	0.2	0.02	µg/l	< 0.012	< 0.012	NA	NA	NA	NA	NA	NA	NA	NS
Benzo(b)Fluoranthene	0.2	0.02	µg/l	< 0.014	< 0.014	NA	NA	NA	NA	NA	NA	NA	NS
Benzo(ghi)Perylene			µg/l	< 0.015	< 0.015	NA	NA	NA	NA	NA	NA	NA	NS
Benzo(k)Fluoranthene			µg/l	< 0.0.13	< 0.0.13	NA	NA	NA	NA	NA	NA	NA	NS
Indeno(1,2,3-cd)Pyrene	0.048	0.0048	µg/l	< 0.014	< 0.014	NA	NA	NA	NA	NA	NA	NA	NS
Chrysene			µg/l	< 0.018	< 0.018	NA	NA	NA	NA	NA	NA	NA	NS
Dibenzo(a,h)Anthracene	0.0048	0.0005	µg/l	< 0.017	< 0.017	NA	NA	NA	NA	NA	NA	NA	NS
Fluoranthene	400	80	µg/l	< 0.028	< 0.028	NA	NA	NA	NA	NA	NA	NA	NS
Fluorene			µg/l	< 0.021	0.07	NA	NA	NA	NA	NA	NA	NA	NS
2-Methyl Naphthalene			µg/l	< 0.028	0.031 *	NA	NA	NA	NA	NA	NA	NA	NS
1-Methyl Naphthalene	700	140	µg/l	< 0.027	0.041 *	NA	NA	NA	NA	NA	NA	NA	NS
Naphthalene	40	8	µg/l	< 0.027	0.056 *	NA	NA	NA	NA	NA	NA	NA	NS
Phenanthrene			µg/l	0.023 *	0.038 *	NA	NA	NA	NA	NA	NA	NA	NS
Pyrene			µg/l	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NS
Inorganics													
Lead	15	1.5	µg/l	< 0.39	NA	NA	NA	NA	NA	NA	NA	NA	NS
Nitrate+Nitrite (as N)	10	2	mg/l	0.18	NA	0.043	NA	NA	NA	NA	NA	NA	NS
Sulfate	250	125	mg/l	21	NA	24	NA	NA	NA	NA	NA	NA	NS
Iron (filtered)	0.3	0.15	mg/l	**0.2**	NA	NA	NA	NA	NA	NA	NA	NA	NS
Field Measurements													
Temperature			°F	NA	56.04	NA	NA	NA	NA	NA	NA	NA	NS
Conductivity			µS/cm	NA	1,187	NA	NA	NA	NA	NA	NA	NA	NS
Dissolved Oxygen			mg/l	NA	3.8	NA	NA	NA	NA	NA	NA	NA	NS
pH				NA	8.08	NA	NA	NA	NA	NA	NA	NA	NS
Redox Potential			mV	NA	60.6	NA	NA	NA	NA	NA	NA	NA	NS

Notes:
ES = NR140.10 Enforcement Standards
PAL = NR140.10 Preventive Action Limits
Italicized PAH limits are non-enforceable guidance limits only
NA = Not Analyzed
* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation
Enforcement Standard exceeded **BOLD**
Preventive Action Limit exceeded BOLD

K:\REIPROJ\1900-1999\1980\Reports\Closure\[1980Cbls3.xls]MW4

Table 3f
Summary of Groundwater Analytical Results
MW5
L&R Properties
1302 North Richmond Avenue
Appleton, WI

Parameter	ES	PAL	Units	9/27/2001	12/19/2001	3/20/2002	7/23/2002	11/22/2002	2/7/2003	7/7/2003	10/3/2003	2/11/2004	6/17/2004
GRO			µg/l	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA
DRO			µg/l	370	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOC Parameters													
Benzene	5	0.5	µg/l	1.1 *	6.8	38	18	12	**0.63***	5.3	**.32***	< 0.3	**2.5**
Toluene	1,000	200	µg/l	0.58 *	1.6 *	9.8	2	3.8	< 0.68	1.6*	1.1*	< 0.58	2
Ethylbenzene	700	140	µg/l	< 0.43	< 0.82	21	16	2.9	< 0.82	6.5	.86*	< 0.6	12
Xylenes (mixed isomers)	10,000	1,000	µg/l	< 1.4	4.6	27.4	< 1.7	< 1.7	< 1.7	< 1.2	< 1.2	< 1.2	.98*
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 0.67	< 0.43	1.5	< 0.43	< 0.43	< 0.43	< 0.58	< 0.58	< 0.58	< 0.36
Trimethylbenzenes (mixed isomers)	480	96	µg/l	< 0.52	< 0.94	24	2.3	< 0.94	< 0.94	< 0.66	< 0.66	< 0.66	< 0.4
Methylene Chloride	5	0.5	µg/l	< 0.85	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	µg/l	< 0.59	NA	NA	< 0.89	< 0.89	< 0.89	< 0.58	< 0.58	< 0.58	< 0.47
sec-Butylbenzene			µg/l	< 0.49	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene			µg/l	< 0.64	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyl toluene			µg/l	< 0.57	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	µg/l	< 0.47	NA	NA	NA	NA	NA	NA	NA	NA	NA
PAH Parameters													
Acenaphthene	600	120	µg/l	< 0.018	< 0.018	< 0.018	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	5	1	µg/l	0.047 *	< 0.23	< 0.023	NA	NA	NA	NA	NA	NA	NA
Anthracene	3000	600	µg/l	< 0.020	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA
Benzo(a)Anthracene	0.048	0.0048	µg/l	< 0.019	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA
Benzo(a)Pyrene	0.2	0.02	µg/l	< 0.012	< 0.012	< 0.012	NA	NA	NA	NA	NA	NA	NA
Benzo(b)Fluoranthene	0.2	0.02	µg/l	< 0.014	< 0.014	< 0.014	NA	NA	NA	NA	NA	NA	NA
Benzo(ghi)Perylene			µg/l	< 0.015	< 0.015	< 0.015	NA	NA	NA	NA	NA	NA	NA
Benzo(k)Fluoranthene			µg/l	< 0.013	< 0.013	< 0.013	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)Pyrene	0.048	0.0048	µg/l	< 0.014	< 0.014	< 0.014	NA	NA	NA	NA	NA	NA	NA
Chrysene			µg/l	< 0.018	< 0.018	< 0.018	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)Anthracene	0.0048	0.0005	µg/l	< 0.017	< 0.017	< 0.017	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	400	80	µg/l	< 0.028	< 0.028	< 0.028	NA	NA	NA	NA	NA	NA	NA
Fluorene			µg/l	< 0.021	< 0.021	< 0.021	NA	NA	NA	NA	NA	NA	NA
2-Methyl Naphthalene			µg/l	0.029 *	0.044 *	< 0.028	NA	NA	NA	NA	NA	NA	NA
1-Methyl Naphthalene	700	140	µg/l	< 0.027	0.046 *	0.12	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	µg/l	0.073 *	0.13	0.5	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			µg/l	< 0.019	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA
Pyrene			µg/l	< 0.020	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA
Inorganics													
Lead	15	1.5	µg/l	< 0.39	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate+Nitrite (as N)	10	2	mg/l	1.6	NA	0.039	NA	NA	NA	NA	NA	NA	NA
Sulfate	250	125	mg/l	64	NA	6.8	NA	NA	NA	NA	NA	NA	NA
Iron (filtered)	0.3	0.15	mg/l	**0.22**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Field Measurements													
Temperature			°F	NA	56.69	NA	NA	NA	NA	NA	NA	NA	NA
Conductivity			µS/cm	NA	2,011	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen			mg/l	NA	2.46	NA	NA	NA	NA	NA	NA	NA	NA
pH				NA	7.7	NA	NA	NA	NA	NA	NA	NA	NA
Redox Potential			mV	NA	70.9	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
ES = NR140.10 Enforcement Standards
PAL = NR140.10 Preventive Action Limits
Italicized PAH limits are non-enforceable guidance limits only
NA = Not Analyzed
* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation
Enforcement Standard exceeded **BOLD**
Preventive Action Limit exceeded BOLD

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Table 3g
Summary of Groundwater Analytical Results
MW6
L&R Properties
1302 North Richmond Avenue
Appleton, WI

Parameter	ES	PAL	Units	5/14/2003	7/7/2003	10/3/2003	2/11/2004	6/17/2004
VOC Parameters								
Benzene	5	0.5	µg/l	**2.6**	**2.4**	**4**	NS	**3.6**
Toluene	1,000	200	µg/l	3.2	< 0.58	< 0.58	NS	0.54*
Ethylbenzene	700	140	µg/l	13	5.1	4.2	NS	3.6
Xylenes (mixed isomers)	10,000	1,000	µg/l	11.4	6.1*	1.7*	NS	2.8
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	2.5	2	5.2	NS	6.5
Trimethylbenzenes (mixed isomers)	480	96	µg/l	22.9	14.4	3.1*	NS	0.66*
Naphthalene	40	8	µg/l	3.9	< 0.58	1.1*	NS	0.86*

Notes:
ES = NR140.10 Enforcement Standards
Italicized PAH limits are non-enforceable guidance limits only
NA = Not Analyzed
* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

Enforcement Standard exceeded	**BOLD**
Preventive Action Limit exceeded	**BOLD**

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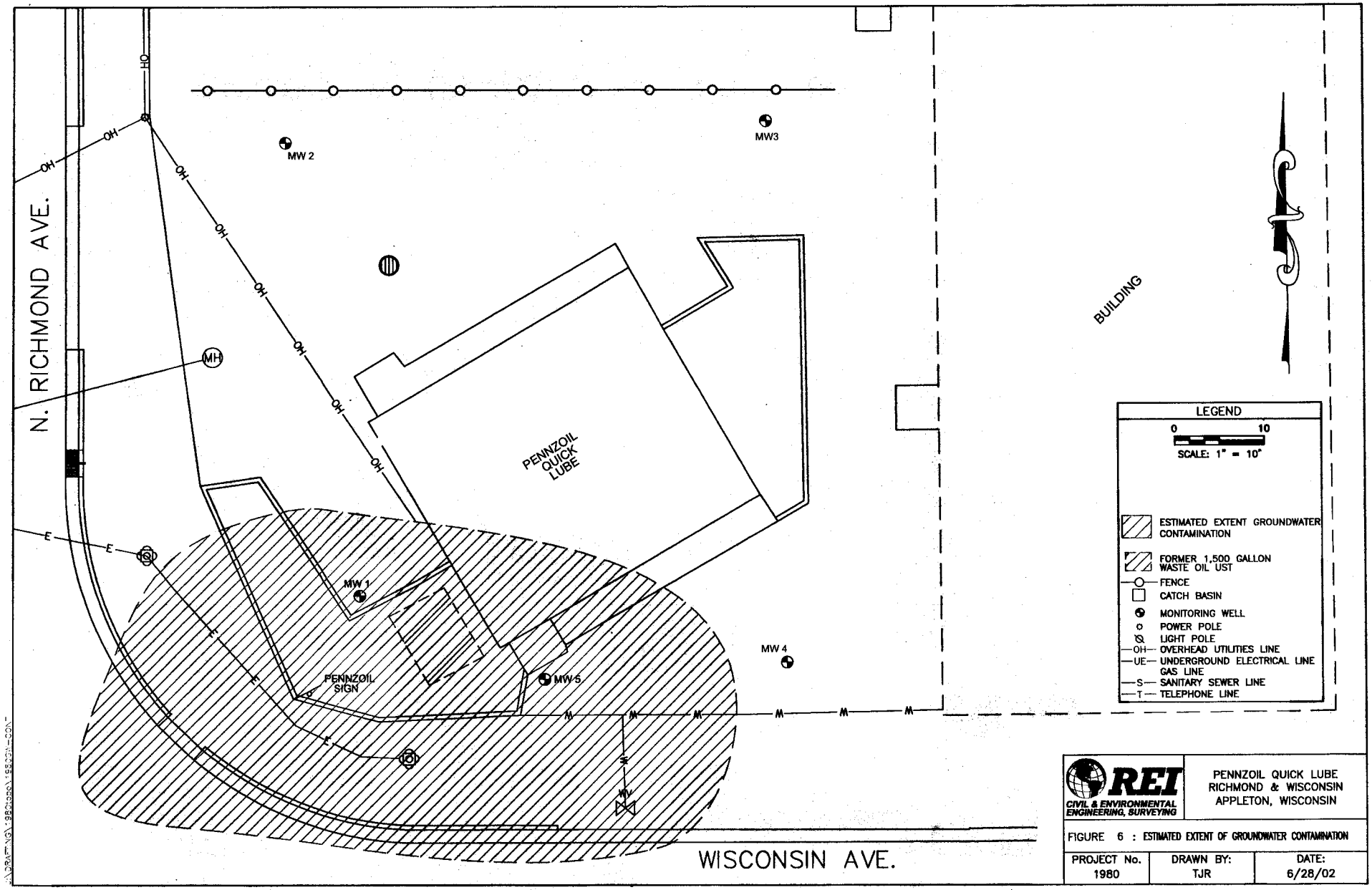
Table 3a
Summary of Groundwater Analytical Results
Geoprobes
L&R Properties
1302 North Richmond Avenue
Appleton, WI

Parameter	ES	PAL	Units	GP5	GP6	GP7
			Date	1/8/2001	1/8/2001	1/8/2001
GRO				934	88	NA
VOC Parameters						
Benzene	5	0.5	µg/l	< 1.5	**0.535**	**16**
Toluene	1,000	200	µg/l	< 4	< 0.4	< 40
Ethylbenzene	700	140	µg/l	8.01	0.648 *	**210**
Xylenes (mixed isomers)	10,000	1,000	µg/l	51.01	1.486 *	564
Methyl tert-Butyl Ether (MTBE)	60	12	µg/l	< 3	< 3	< 30
Trimethylbenzenes (mixed isomers)	480	96	µg/l	**98.9**	4.88	< 40
n-Butylbenzene			µg/l	29.3	1.14	< 15
sec-Butlybenzene			µg/l	19.5	0.908	< 15
tert-Butylbenzene			µg/l	< 1.5	< 0.15	< 15
Naphthalene	40	8	µg/l	**40.9**	2.4	< 80
Isopropylbenzene			µg/l	< 1.5	< 0.15	< 15
p-Isopropyltoluene				24	0.843	< 20
n-Propylbenzene			µg/l	< 1.5	< 0.15	< 15
1,2-Dichloroethane	5	0.5	µg/l	< 1.5	< 0.15	< 15
PAH Parameters						
Acenaphthene	600	120	µg/l	30.4	NA	NA
Acenaphthylene	5	1	µg/l	< 0.15	NA	NA
Anthracene	3000	600	µg/l	< 0.09	NA	NA
Benzo(a)Anthracene	0.048	0.0048	µg/l	< 0.03	NA	NA
Benzo(a)Pyrene	0.2	0.02	µg/l	**0.165**	NA	NA
Benzo(k)Fluoranthene	0.2	0.02	µg/l	**0.31**	NA	NA
Benzo(ghi)Perylene			µg/l	0.152	NA	NA
Indeno(1,2,3-cd)Pyrene	0.048	0.0048	µg/l	0.179 *	NA	NA
Chrysene			µg/l	0.068	NA	NA
Dibenzo(a,h)Anthracene	0.0048	0.0005	µg/l	< 0.06	NA	NA
Fluoranthene	400	80	µg/l	0.324	NA	NA
Fluorene			µg/l	< 0.11	NA	NA
2-Methyl Naphthalene			µg/l	74.7	NA	NA
1-Methyl Naphthalene	700	140	µg/l	71.7	NA	NA
Naphthalene	40	8	µg/l	**51.1**	NA	NA
Phenanthrene			µg/l	2.64	NA	NA
Pyrene			µg/l	0.287	NA	NA

Notes:
ES = NR140.10 Enforcement Standards
PAL = NR140.10 Preventive Action Limits
X = Not Detected
NA = Not Analyzed
* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation
Enforcement Standard exceeded **BOLD**
Preventive Action Limit exceeded **BOLD**

K:\REIPROJ\1900-1999\1980\Reports\Closure\[1980Ctbls3.xls]Geoprobes



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PENNZOIL QUICK LUBE
RICHMOND & WISCONSIN
APPLETON, WISCONSIN

FIGURE 6 : ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION

PROJECT No.	DRAWN BY:	DATE:
1980	TJR	6/28/02

Table 2b
Summary of Soil Analytical Results
Geoprobes
L&R Properties
1302 N. Richmond
Appleton, WI

			Location	GP1	GP1	GP1	GP2	GP2	GP3	GP4	GP6	GP7	GP7	MW6	MW6	MW6
Parameter	RCL	Units	Depth (ft)	2-4	4-6	6-8	4-6	6-8	6-8	6-8	6-8	4-6	6-8	2.5-4.5	7.5-9.5	10-12
Lead	50	mg/kg		2.35	3.54	2.74	4.71	3.96	2.89	2.08	3.34	4.4	4.42	NA	NA	NA
DRO	100	mg/kg		< 5.25	**482**	7.84	**133**	75.3	< 5.77	< 5.7	< 5.98	42.2	< 5.83	NA	NA	NA
GRO	100	µg/kg		< 5.25	**1,510**	79.3	**270**	**146**	< 5.77	< 5.7	< 5.98	55.6	< 5.83	**490**	20	12
VOC Parameters																
Benzene	5.5	µg/kg		< 25	< 2,000	< 1,000	< 2,000	< 1,000	< 25	< 25	< 25	< 25	< 25	< 120	< 25	< 25
Toluene	1,500	µg/kg		< 25	< 2,000	< 1,000	< 2,000	1,170	< 25	< 25	< 25	< 25	< 25	< 120	< 25	< 25
Ethylbenzene	2,900	µg/kg		< 25	**4,100**	1,800	**9,190**	**6,380**	< 25	< 25	< 25	33.3	316	**3,500**	110	46*
Xylenes (mixed isomers)	4,100	µg/kg		< 25	**18,730**	**4,200**	**37,630**	**23,910**	< 25	< 25	< 25	84	1,020	1,600	44*	100*
Methyl tert-Butyl Ether (MTBE)		µg/kg		< 25	< 2,000	< 1,000	< 2,000	< 1,000	< 25	< 25	< 25	< 25	< 25	< 120	< 25	66*
Trimethylbenzenes (mixed isomers)		µg/kg		< 25	35,700	4,850	21,970	13,610	< 25	< 25	< 25	398	177	2,100	192	467*
Methylene Chloride		µg/kg		< 25	< 2,000	< 1,000	< 2,000	< 1,000	< 25	< 25	< 25	< 25	42.5	NA	NA	NA
Naphthalene		µg/kg		< 25	< 2,000	< 1,000	< 2,000	< 1,000	< 25	< 25	< 25	< 25	71.6	< 120	170	48
sec-Butylbenzene		µg/kg		< 25	< 2,000	< 1,000	< 2,000	< 1,000	< 25	< 25	< 25	126	38.9	NA	NA	NA
p-Isopropyltoluene		µg/kg		< 25	4,840	< 1,000	< 2,000	< 1,000	< 25	< 25	< 25	155	< 25	NA	NA	NA
n-Propylbenzene		µg/kg		< 25	< 2,000	< 1,000	< 2,000	1,620	< 25	< 25	< 25	< 25	34.9	NA	NA	NA
n-Butylbenzene		µg/kg		< 25	24,300	< 1,000	< 2,000	< 1,000	< 25	< 25	< 25	< 25	56	NA	NA	NA
PAH Parameters																
Acenaphthene	900,000	µg/kg		< 6.51	< 7.00	< 7.05	< 7.16	< 7.13	< 7.16	< 7.07	< 7.42	20.2	< 7.23	NA	NA	NA
Acenaphthylene	18,000	µg/kg		< 4.41	< 4.74	< 4.77	< 4.85	< 4.83	< 4.85	< 4.79	< 5.02	< 4.94	< 4.9	NA	NA	NA
Anthracene	5,000,000	µg/kg		< 3.04	< 3.27	< 3.30	< 3.35	< 3.34	< 3.35	< 3.31	< 3.47	< 3.41	< 3.38	NA	NA	NA
Benzo(a)Anthracene	88	µg/kg		< 2.62	< 2.82	< 2.84	< 2.89	< 2.88	< 2.89	< 2.85	< 2.99	14.5	< 2.92	NA	NA	NA
Benzo(a)Pyrene	8.8	µg/kg		< 2.41	< 2.6	< 2.61	< 2.66	< 2.65	< 2.66	< 2.62	< 2.75	**13.9**	< 5.51	NA	NA	NA
Benzo(b)Fluoranthene	88	µg/kg		< 1.15	< 1.24	< 1.25	< 1.27	< 1.27	< 1.27	< 1.25	< 1.32	16.8	< 1.63	NA	NA	NA
Benzo(k)Fluoranthene	1,800	µg/kg		< 1.26	< 1.35	< 1.36	< 1.39	< 1.38	< 1.39	< 1.37	< 1.44	11.6	< 1.86	NA	NA	NA
Benzo(ghi)Perylene	880	µg/kg		< 1.05	< 1.13	< 1.14	< 1.15	< 1.15	< 1.15	< 1.14	< 1.20	11.4	< 4.19	NA	NA	NA
Chrysene	8,800	µg/kg		< 2.10	< 2.26	< 2.27	< 2.31	< 2.3	< 2.31	< 2.28	< 2.39	10.8	< 2.33	NA	NA	NA
Dibenzo(a,h)Anthracene	8.8	µg/kg		< 1.47	< 1.58	< 1.59	< 1.62	< 1.61	< 1.62	< 1.60	< 1.67	< 16.5	< 1.63	NA	NA	NA
Fluoranthene	600,000	µg/kg		< 2.73	< 2.93	< 2.95	< 3.00	6.5	< 3.00	< 2.96	< 3.11	175	21.6	NA	NA	NA
Fluorene	600,000	µg/kg		< 3.67	< 3.95	< 3.98	< 4.04	< 4.03	< 4.04	< 3.99	< 4.19	26.5	5.72	NA	NA	NA
Indeno(1,2,3-cd)Pyrene	88	µg/kg		< 1.78	< 1.92	< 1.93	< 1.96	< 1.96	< 1.96	< 1.94	< 2.03	10.7	< 1.98	NA	NA	NA
1-Methyl Naphthalene	1,100,000	µg/kg		< 3.04	42.4	54.8	133	87.8	< 3.35	< 3.31	< 3.47	169	16.8	NA	NA	NA
2-Methyl Naphthalene	600,000	µg/kg		< 2.41	67	115	305	201	< 2.66	< 2.62	< 2.75	135	16	NA	NA	NA
Naphthalene	20,000	µg/kg		< 4.09	6.7	58.6	154	116	< 4.50	< 4.45	< 4.67	21.4	15.1	NA	NA	NA
Phenanthrene	18,000	µg/kg		< 1.68	6.94	< 1.82	12	5.57	< 1.85	< 1.82	< 1.91	97.9	32.3	NA	NA	NA
Pyrene	500,000	µg/kg		< 3.25	< 3.5	< 3.52	< 3.58	< 3.57	< 3.58	< 3.53	< 3.71	35.1	< 3.62	NA	NA	NA

Notes:
RCL = NR 720.09 Residual Contaminant Levels
NA = Not Analyzed
NS = Not Sampled
RCL exceeded **BOLD**
PAH RCL's are based on Generic Interim Guidance values (Non-enforceable concentrations)
* = Estimated Value, concentration between Limit of Detection and Limit of Quantitation, should be considered an estimate

Table 2a
Summary of Soil Analytical Results
UST Removal
L&R Properties
1302 N. Richmond
Appleton, WI

			Location	Sidewall	Bottom
			Date	7/18/2000	7/18/2000
Parameter	RCL	Units	Depth (ft)	6	9
DRO	100	mg/kg		86.8	57.1
GRO	100	mg/kg		**565**	< 5.24
VOC Parameters					
Benzene	5.5	µg/kg		< 1,000	< 25
Toluene	1,500	µg/kg		< 1,000	< 25
Ethylbenzene	2,900	µg/kg		**3,940**	29.2
Xylenes (mixed isomers)	4,100	µg/kg		**16,200**	33.4
Methyl tert-Butyl Ether (MTBE)		µg/kg		< 1,000	< 25
Trimethylbenzenes (mixed isomers)		µg/kg		22,830	NA
Methylene Chloride		µg/kg		1,750	NA
Naphthalene		µg/kg		< 1,000	NA
sec-Butylbenzene		µg/kg		1,190	NA
n-Propylbenzene		µg/kg		2,620	NA
n-Butylbenzene		µg/kg		8,830	NA
PAH Parameters					
Acenaphthene	900,000	µg/kg		< 7.19	< 6.5
Acenaphthylene	18,000	µg/kg		< 4.87	< 4.4
Anthracene	5,000,000	µg/kg		7.77	< 3
Benzo(a)Anthracene	88	µg/kg		3.29	26.6
Benzo(a)Pyrene	8.8	µg/kg		**16.5**	**11.8**
Benzo(b)Fluoranthene	88	µg/kg		16.1	12.6
Benzo(ghi)Perylene	1,800	µg/kg		12.5	11.7
Benzo(k)Fluoranthene	880	µg/kg		9.41	8.86
Chrysene	8,800	µg/kg		10.3	16.1
Dibenzo(a,h)Anthracene	8.8	µg/kg		**12.5**	3
Fluoranthene	600,000	µg/kg		31.2	62
Fluorene	600,000	µg/kg		< 4.06	< 0.3
1-Methyl Naphthalene	1,100,000	µg/kg		24.6	7.84
2-Methyl Naphthalene	600,000	µg/kg		34.9	7.34
Naphthalene	20,000	µg/kg		20.2	47.2
Phenanthrene	18,000	µg/kg		24.4	31.9
Pyrene	500,000	µg/kg		6.17	12.1

Notes:
RCL = NR 720.09 Residual Contaminant Levels
NA = Not Analyzed
RCL exceeded **BOLD**
PAH RCL's are based on Generic Interim Guidance values (Non-enforceable concentrations)

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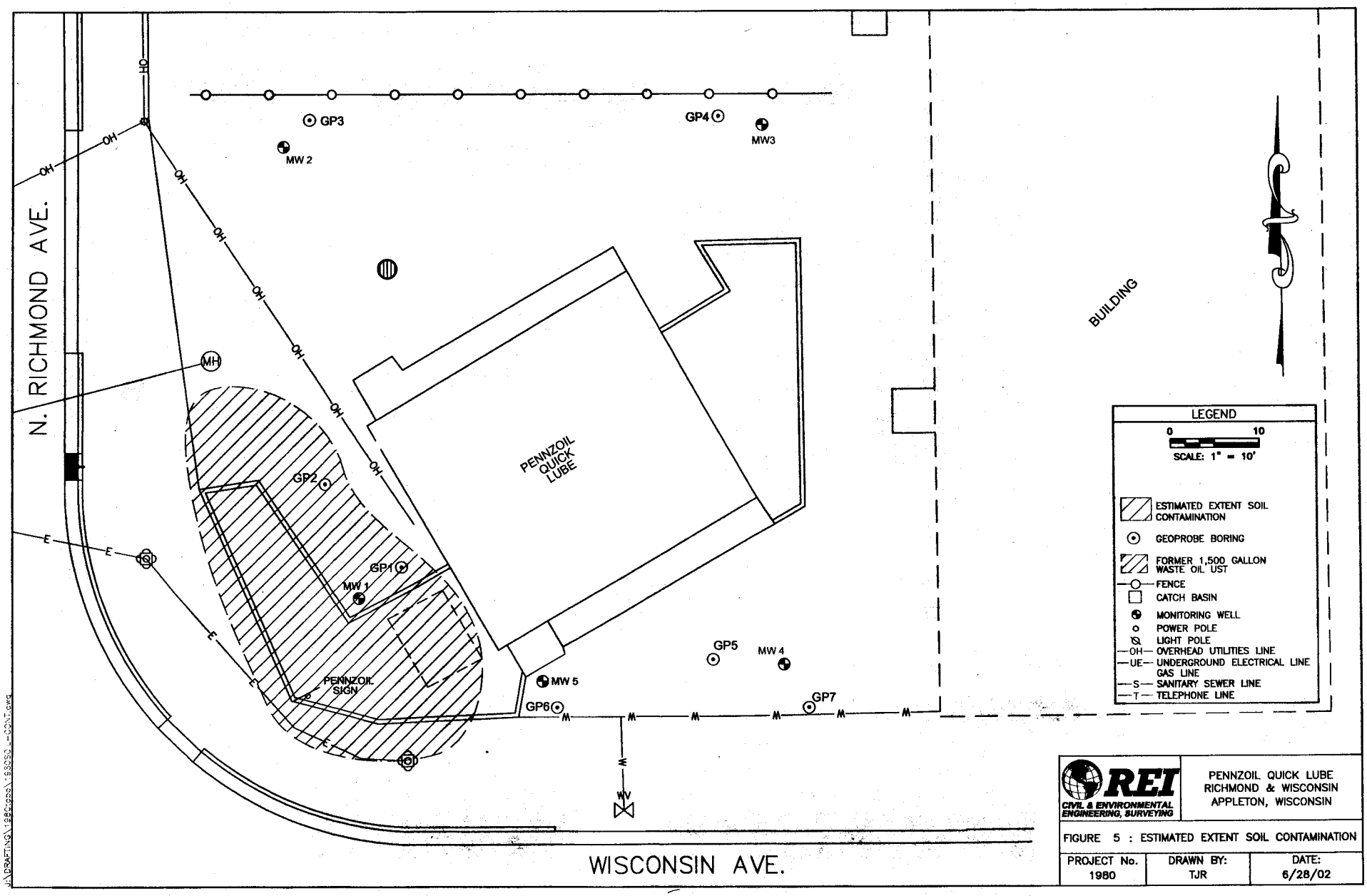

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RICHMOND & WISCONSIN
APPLETON, WISCONSIN

FIGURE 5 : ESTIMATED EXTENT SOIL CONTAMINATION

PROJECT No.	DRAWN BY:	DATE:
1980	TJR	6/28/02

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Table 1
Depth to Water and Water table Elevations
L&R Properties
Appleton, WI

Depth to Water (feet) below Reference Elevation

Date	MW1	MW2	MW3	MW4	MW5	MW6
9/27/2001	7.47	5.20	4.68	4.89	7.44	
12/19/2001	8.63	5.42	4.98	5.58	7.55	
3/20/2002	7.74	4.95	4.12	4.96	7.10	
7/23/2002	7.45	5.36	4.87	5.33	7.47	
11/22/2002	8.05	5.65	5.17	5.5	7.5	
2/7/2003	9.29			6.32	7.44	
7/7/2003	7.14	4.67	4.38	5.06	7.38	3.36
10/3/2003	7.29	4.87	4.57	4.86	7.36	3.62
2/11/2004	8.51	6.43	5.75	6.29	7.32	
6/17/2004	6.86	4.75	4.14	4.42	7.06	1.45

Measuring Point Elevations

Elevations referenced to a U.S.G.S. Benchmark (feet MSL)

Initial Survey	804.66	805.03	804.48	803.58	804.75	804.10
Resurvey						

Ground Surface Elevation

	805.09	805.63	804.89	804.13	804.79	804.65

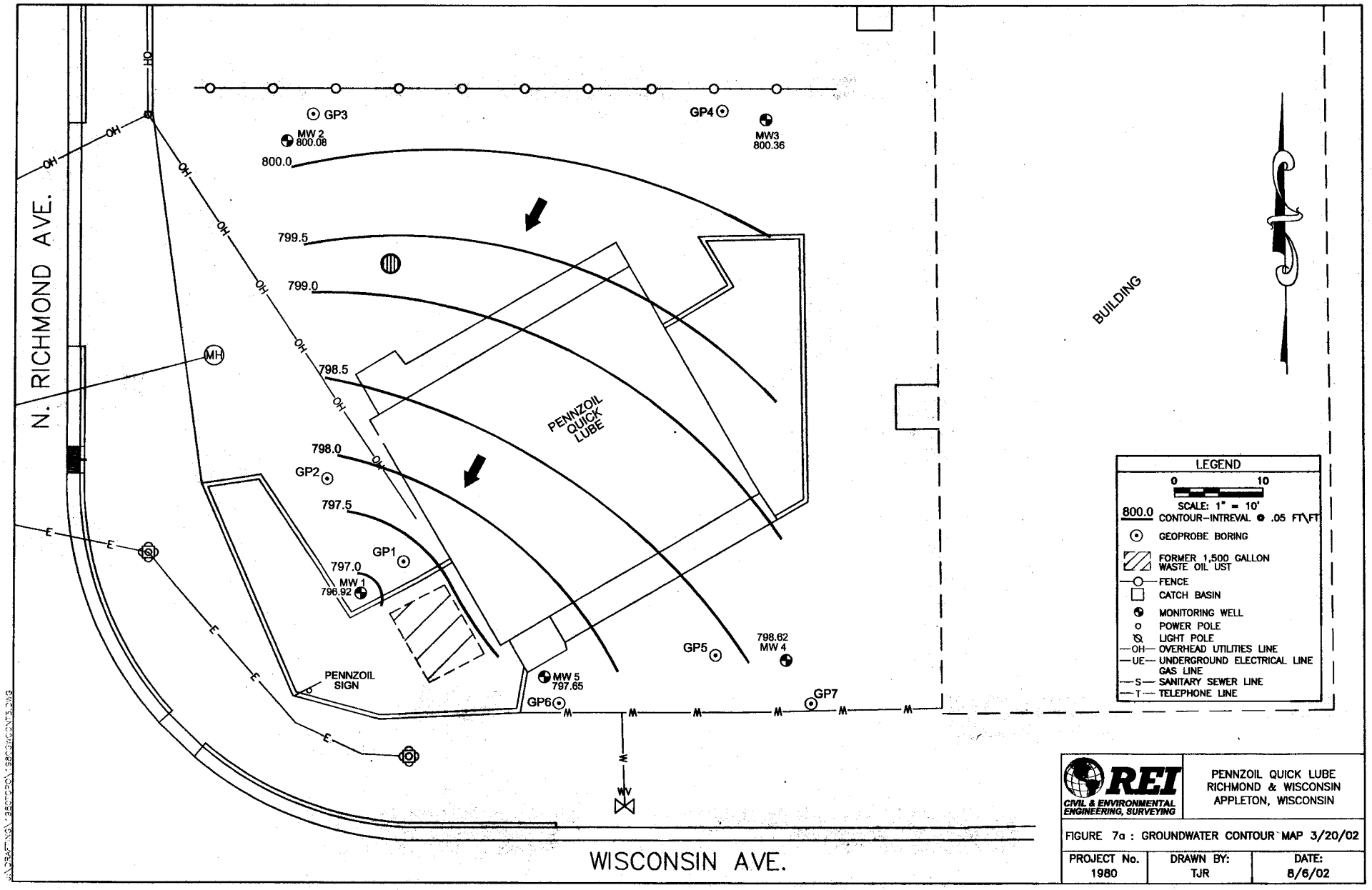
Depth to Water (feet) below Ground Surface

Average	8.27	5.86	5.15	5.87	7.40	3.36
Maximum	9.72	7.03	6.16	6.87	7.59	4.17
Minimum	7.29	5.27	4.53	4.97	7.10	2.00
Range	2.43	1.76	1.63	1.9	0.49	2.17

Water Level Elevation (feet MSL)

Date	MW1	MW2	MW3	MW4	MW5	MW6
9/27/2001	797.19	799.83	799.80	798.69	797.31	
12/19/2001	796.03	799.61	799.50	798.00	797.20	
3/20/2002	796.92	800.08	800.36	798.62	797.65	
7/23/2002	797.21	799.67	799.61	798.25	797.28	
11/22/2002	796.61	799.38	799.31	798.08	797.25	
2/7/2003	795.37			797.26	797.31	
7/7/2003	797.52	800.36	800.10	798.52	797.37	800.74
10/3/2003	797.37	800.16	799.91	798.72	797.39	800.48
2/11/2004	796.15	798.60	798.73	797.29	797.43	
6/17/2004	797.80	800.28	800.34	799.16	797.69	802.65

K:\REIPROJ\1900-1999\1980\Reports\Closure\[1980Ctbls1.xls]Sheet2



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RICHMOND & WISCONSIN
APPLETON, WISCONSIN

FIGURE 7a : GROUNDWATER CONTOUR MAP 3/20/02

PROJECT No.	DRAWN BY:	DATE:
1980	TJR	8/6/02

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Transportation • Municipal • Site Development • GPS
Remediation • Environmental Assessments • Emergency Response • Safety

August 17, 2005

Paula Vandehey
City of Appleton Public Works
100 North Appleton Street
Appleton, WI 54911

Subject: Pennzoil 10 Minute Oil Change
1302 North Richmond Street
Appleton, WI
WDNR BRRTS # 03-45-257690

Dear Ms. Vandehey:

This letter and enclosed information is to serve as notice that residual petroleum contaminated groundwater and potentially petroleum impacted soil originating from past releases at the Pennzoil 10 Minute Oil Change property is likely present beneath the north east intersection corner of Wisconsin Avenue and Richmond Street.

The approximate limits of groundwater contamination are shown on the enclosed figure. After a period of groundwater monitoring, and using the standards established in NR 700 and the risk criteria of NR 746, it has been established by REI that this site does not pose a significant risk to the environment and human health and no further action is necessary. Before the Wisconsin Department of Commerce will approve site closure, REI must acknowledge that the City of Appleton is aware of the associated contamination in the event that subsurface access is required in this area.

Please sign both copies of this letter and return one to me. Thank you for your assistance with this project. Please call me with questions or comments at (715) 675-9784.

Sincerely,
REI

David Larsen
Hydrogeologist/Project Manager

Paula Vandehey
City of Appleton

Enclosures:

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4080 N. 20TH AVENUE • WAUSAU, WI 54401 • TOLL FREE: 1.877.734.7745 • TEL: 715.675.9784
FAX: 715.675.4060 • www.REIengineering.com

Re: Pennzoil 10 Minute Quick Change
WDNR BRRTS #03-45-257690
PECFA Claim # 54911-3548-02
1302 North Richmond
Appleton, WI 54911

I have reviewed the legal description, attached with this letter, for the above referenced property, and hereby certify that it is correct for the 1302 North Richmond property.

Wayne Lobdell

04/28/05

Wayne Lobdell

Date