GIS REGISTRY INFORMATION

SITE NAME: Former Kettle Lakes (Plymouth) Coop

BRRTS #: 03-60-000391 **FID # (if appropriate):** 460116910

COMMERCE # (if appropriate): 53073-2221-19

CLOSURE DATE: 4-24-07

STREET ADDRESS: 219 Appleton Street

CITY: Plymouth

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 682839 Y= 365336

CONTAMINATED MEDIA: Groundwater [ ] Soil [ ] Both [X]

OFF-SOURCE GW CONTAMINATION >ES: [X] Yes [ ] No

IF YES, STREET ADDRESS 1: 224 Cold Storage St.

GPS COORDINATES (meters in WTM91 projection): X= 682809 Y= 365306

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: [X] Yes [ ] No

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter or denial letter issued	
Copy of any maintenance plan referenced in the final closure letter.	
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	NA
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.**	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.* (8.5x14' if paper copy)	NA
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)	

Lrig

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Plymouth Service Center
1155 Pilgrim Road
Plymouth, Wisconsin 53073-4294
Telephone 920-892-8756
FAX 920-892-6638
TTY Access via relay - 711

April 24, 2007

Mr. Norbert Schleicher
Kettle Lakes Co-op
505 S. Main St.
Cedar Grove, WI 53013-0285

Subject: Final Closure Former Kettle Lakes/Plymouth Co-op site at 219 Appleton St., Plymouth, WI
WDNR FID#460116910 BRRTS#03-60-000391

Dear Mr. Schleicher:

The Wisconsin Department of Natural Resources (the Department) has received a request for closure of the above-described case submitted on your behalf by Kapur & Associates. The Department reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Department has determined that petroleum contamination on the site associated with former above-ground and underground storage tank systems appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation or remediation is required at this time.

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which the current property owner and any subsequent property owners must adhere. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code.

Residual soil contamination remains at the property, primarily in the southwestern portion of the property as indicated on the *Residual Soil Contaminant Plume Map* (Figure 4a) which was provided to the Department of Natural Resources. If soil in the specific locations described above is excavated in the future, then pursuant to ch. NR 718 or, if applicable, ch. 289, Stats., and chs. 500 to 536, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of

the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

On April 23, 2007, Kapur & Associates notified the Department that monitoring well EX-5 located on the subject property could not be properly abandoned because it had been lost due to being paved over, covered or removed during site development activities. Your consultant has made a reasonable effort to locate the lost well to determine whether it was properly abandoned but has been unsuccessful in those efforts. If the lost monitoring well is found in the future, the then current owner of the subject property will be required to notify the Department and to properly abandon the well in compliance with the requirements in ch. NR 141, Wis. Adm. Code, and to submit the required documentation of that abandonment to the Department.

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 GIS Registry. To review the sites on the GIS Registry web page, visit http://dnr.wi.gov/org/aw/rr/gis/index.htm. If your property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line http://www.dnr.state.wi.us/org/water/dwg/3300254.pdf or at the web address listed above for the GIS Registry.

Section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement. If there is equipment purchased with PECFA funds remaining at the site, contact the Commerce PECFA Program to determine the method for salvaging the equipment.

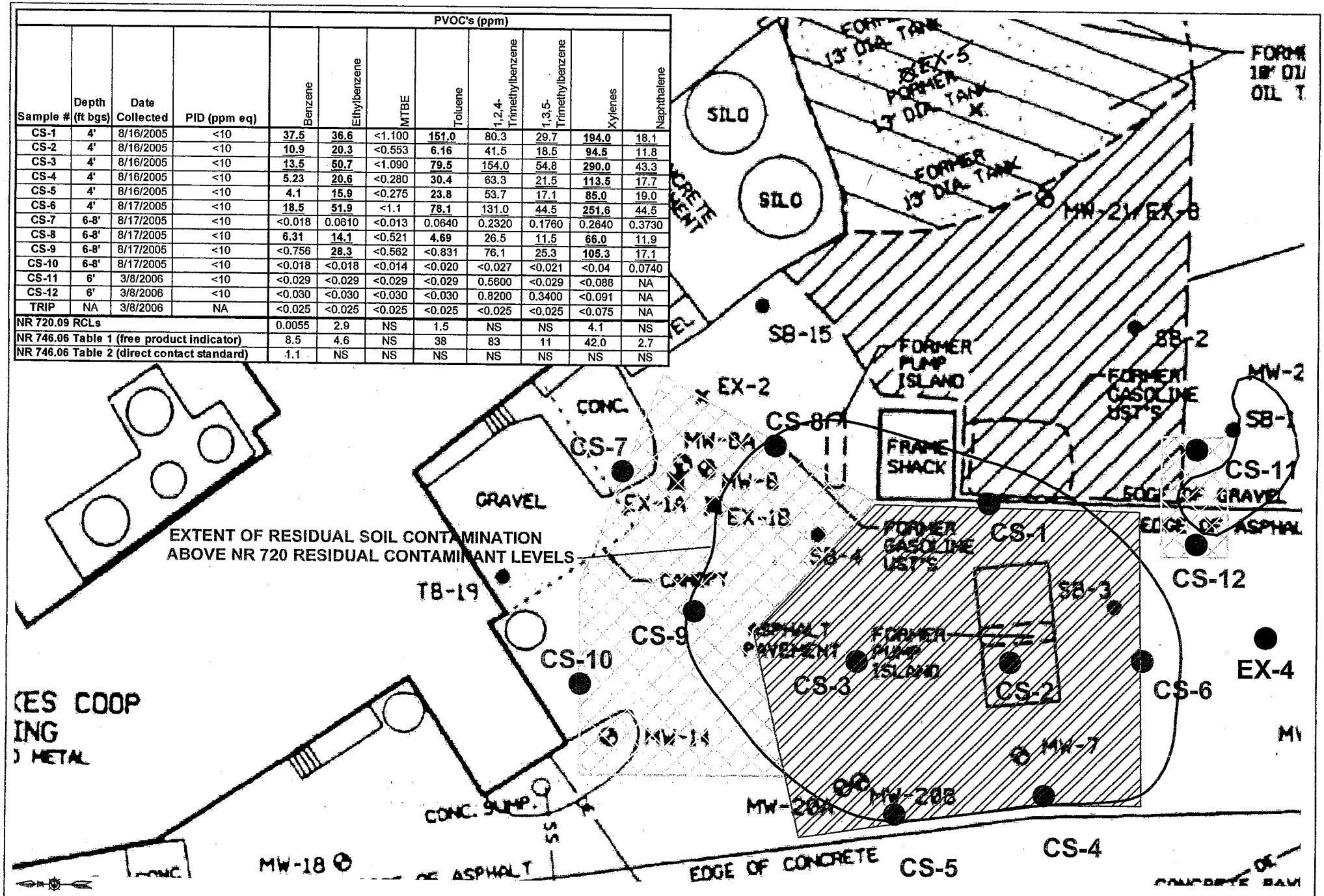
The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact me at (920) 892-8756 ext. 3025.

Sincerely,

Nancy D. Ryan, Hydrogeologist
Remediation and Redevelopment

Cc: SER site file
Mr. Travis Peterson, Kapur & Assoc., Inc. 7711 N. Port Washington Rd., Milwaukee, WI 53217
Mr. Neal Burkart, N6694 Red Fox Run Rd., Plymouth, WI 53073

Sample #	Depth (ft bgs)	Date Collected	PID (ppm eq)	PVOC's (ppm) Benzene	Ethylbenzene	MTBE	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes	Naphthalene
CS-1	4'	8/16/2005	<10	37.5	36.6	<1.100	151.0	80.3	29.7	194.0	18.1
CS-2	4'	8/16/2005	<10	10.9	20.3	<0.553	6.16	41.5	18.5	94.5	11.8
CS-3	4'	8/16/2005	<10	13.5	50.7	<1.090	79.5	154.0	54.8	290.0	43.3
CS-4	4'	8/16/2005	<10	5.23	20.6	<0.280	30.4	63.3	21.5	113.5	17.7
CS-5	4'	8/16/2005	<10	4.1	15.9	<0.275	23.8	53.7	17.1	85.0	19.0
CS-6	4'	8/17/2005	<10	18.5	51.9	<1.1	78.1	131.0	44.5	251.6	44.5
CS-7	6-8'	8/17/2005	<10	<0.018	0.0610	<0.013	0.0640	0.2320	0.1760	0.2640	0.3730
CS-8	6-8'	8/17/2005	<10	6.31	14.1	<0.521	4.69	26.5	11.5	66.0	11.9
CS-9	6-8'	8/17/2005	<10	<0.756	28.3	<0.562	<0.831	76.1	25.3	105.3	17.1
CS-10	6-8'	8/17/2005	<10	<0.018	<0.018	<0.014	<0.020	<0.027	<0.021	<0.04	0.0740
CS-11	6'	3/8/2006	<10	<0.029	<0.029	<0.029	<0.029	0.5600	<0.029	<0.088	NA
CS-12	6'	3/8/2006	<10	<0.030	<0.030	<0.030	<0.030	0.8200	0.3400	<0.091	NA
TRIP	NA	3/8/2006	NA	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NA
NR 720.09 RCLs				0.0055	2.9	NS	1.5	NS	NS	4.1	NS
NR 746.06 Table 1 (free product indicator)				8.5	4.6	NS	38	83	11	42.0	2.7
NR 746.06 Table 2 (direct contact standard)				1.1	NS	NS	NS	NS	NS	NS	NS



LEGEND:
- MW-6/EX-6 = MONITORING WELL / EXTRACTION WELL
- EXTENT OF EXCAVATION BY KAPUR
- EXTENT OF EXCAVATION BY E2M
- CS-10 = CLOSURE SOIL SAMPLE LOCATION

KAPUR & ASSOCIATES, INC.
CONSULTING ENGINEERS
MILWAUKEE, WISCONSIN
414.351.6668

SOIL CLOSURE SAMPLE RESULTS AND RESIDUAL SOIL CONTAMINANT PLUME MAP

FORMER KETTLE LAKES COOPERATIVE
219 APPLETON STREET, PLYMOUTH, WISCONSIN

FIGURE 4a

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT NUMBER	DATE	SCALE
TWP	TEH	LJF	05229.421	08/10/06	1" = 15'

Document Number

State Bar of Wisconsin Form 2-2003
WARRANTY DEED

1792296

SHEBOYGAN COUNTY, WI
RECORDED ON
03/06/2006 09:40AM

ELLEN R. SCHLEICHER
REGISTER OF DEEDS

RECORDING FEE: 13.00
TRANSFER FEE:
EXEMPTION # 77.25(2)

STAFF ID 4
TRANS # 76860
OF PAGES: 2

Recording Area

Name and Return Address

Neal A. Burkart
N6694 Red Fox Run Road
Plymouth, WI 53073

THIS DEED, made between the City of Plymouth, a Wisconsin municipal corporation ("Grantor," whether one or more), and Millstone, LLC, a Wisconsin limited liability company ("Grantee," whether one or more).

Grantor, for a valuable consideration, conveys and warrants to Grantee the following described real estate, together with the rents, profits, fixtures and other appurtenant interests, in Sheboygan County, State of Wisconsin ("Property"):

Part of the South Half (S½) of the Northwest Quarter (NW¼) of Section Twenty-seven (27), Township Fifteen (15) North, Range Twenty-one (21) East, bounded and described as follows: Beginning at the intersection of East line of Appleton Street with the North line of the South Half (S½) of said Northwest Quarter (NW¼); thence Southeasterly along the East line of said Appleton Street, Twenty-six (26) feet; thence East parallel with said North line of the South Half (S½) of Northwest Quarter (NW ¼) to the Southwesterly line of the Chicago Milwaukee and St. Paul Railway Company's property; thence Northwesterly along the Southwesterly line of said railway property to the North line of the South Half (S½) of the Northwest Quarter (NW¼) of said Section Twenty-seven (27), thence West along said North line One Hundred Fifty-three and forty-five hundredths (153.45) feet to the place of beginning, all in the City of Plymouth, said County and State.

And;

A strip of vacant land Seventy-five (75) feet in width off the North end of the property conveyed by deed dated February 15,1941 from Plymouth Foundry & Machine Company to The Borden Company, and recorded in Volume 247 of Deeds, on pages 493-6 in the Register's Office for Sheboygan County, Wisconsin, said strip of land being more particularly described as follows: commencing at a concrete monument which marks the intersection of the North line of Cold Storage Street with the East line of Appleton Street in the City of Plymouth, Wisconsin, running thence North along the East line of Appleton Street 252.85 feet to an iron stake which stake is 22.8 feet South of the South line of the NW¼ of the NW¼ of Section 27, Town 15 North, Range 21 East, as the point of beginning; thence South along said East line of Appleton Street seventy-five (75) feet; thence East on a line parallel with said South line of the NW¼ of the NW¼ to the easterly boundary line of the property conveyed to The Borden Company by said deed recorded in Volume 247 of Deeds on pages 493-6; thence Northwesterly along said easterly boundary line to an iron stake which stake is 54.8 feet measured at right angles to and southwesterly from the center line of the main track of the Chicago, Milwaukee, St. Paul and Pacific Railroad; thence west on a line parallel with the said South line of the NW¼ of the NW¼, 159.8 feet to the point of beginning

And;

All that part of Lot Forty-seven (47) East of a straight line, which straight line begins at a point on the Northerly line of said Lot and Twenty (20) feet westerly distant from the northeast corner of said Lot and extends to the southeast corner of same Lot, the terminus; and all of Lot Forty-eight (48); all of Lot Forty-nine (49); and all that part of Lot Fifty (50) West of a straight line parallel and Thirty-three (33) feet perpendicularly distant from the centerline of the main track of CMC Real Estate Corporation's right-of way (formerly the Chicago, Milwaukee, St. Paul and Pacific Railroad Company's right-of-way); all in Section Twenty-seven (27), Township Fifteen (15) North, Range Twenty-one (21) East of the Fourth Principal Meridian

Now more accurately described by current survey as follows:

Part of the Northwest ¼ and the Southwest ¼ of the Northwest ¼ of Section 27, Township 15 North, Range 21 East, in the City of Plymouth, Sheboygan County, Wisconsin and part of Lot 47, all of Lots 48 and 49, and part of Lot 50 of Appleton's Addition #2 of the City of Plymouth bounded and described as follows: Commencing at a concrete monument found at the Northeast corner of Appleton and Cold Storage Streets, thence North 177.85 feet, along the east right-of-way of Appleton St. to the point of beginning; thence continuing North 98.93 feet, along said east right of way to a point on the south line of the NW¼ of the NW¼ of Section 27; thence N.09°44'36"W., 180.34 feet, along said east right-of-way to the Southeast corner of Appleton and Reed Street; thence N.89°58'10"E., 111.76 feet along the south right of way of Reed Street to a point on the southwesterly right-of-way of CMC Real Estate Corp. (formerly the Chicago, Milwaukee, St. Paul and Pacific Rail Road), said point being 33 feet at right angles to the centerline of Railroad Corp. property; thence S.27°09'50"E., 198.39 feet, along said southwesterly right-of-way to a point on the south line of NW¼ of the NW¼ of Sec. 27; thence S.26°52'59"W., 26.03 feet to a

point 54.80 feet at right angles to said Railroad Corp. Centerline; thence S.27°09'50" E, 83.98 feet, along said southwesterly Railroad Corp. right-of-way to a point; thence S.89°34'16"E., 197.96 feet to the point of beginning.

Exceptions to warranties: Easements and restrictions of record.

Dated this 14th day of February, 2006.

Parcel Number: 59271-822050
This is not homestead property.

CITY OF PLYMOUTH

By: _____
William B. Kiley, Mayor

_____
Patricia Huberty, Clerk

AUTHENTICATION

Signatures of William B. Kiley and Patricia Huberty authenticated on February 14, 2006.

_____
Ronald W. Damp (State Bar No. 1016314)
TITLE: MEMBER STATE BAR OF WISCONSIN

THIS INSTRUMENT DRAFTED BY:
Ronald W. Damp, Attorney

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss.
SHEBOYGAN COUNTY)

Personally came before me on _____, the above-named **, to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

_____
*
_____
Notary Public, State of Wisconsin
My Commission expires: _____

(Signatures may be authenticated or acknowledged. Both are not necessary.)
NOTE: THIS IS A STANDARD FORM. ANY MODIFICATIONS TO THIS FORM SHOULD BE CLEARLY IDENTIFIED.

© 2003 STATE BAR OF WISCONSIN

* Type name below signatures.

VOL 1937 PAGE 025

1623527

Document Number

WARRANTY DEED

SHEBOYGAN COUNTY, WI
RECORDED ON

01-08-2002 4:18 PM

DARLENE J. NAVIS
REGISTER OF DEEDS

RECORDING FEE: 13.00
TRANSFER FEE: 90.00
072813 5

OF PAGES: 2

THIS DEED, made between **Dennis P. Feldmann**, Grantor, and **Feldmann Family Limited Partnership, a Wisconsin limited partnership**, Grantee.

Grantor, for a valuable consideration, conveys to Grantee the following described real estate in Sheboygan County, State of Wisconsin (the "Property"):

See Attached Legal Description

Recording Area

Name and Return Address

Attorney David Gass
Rohde Dales LLP
607 N. 8th Street, 7th Floor
Sheboygan, WI 53081

Together with all appurtenant rights, title and interests.

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except **municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, general taxes levied on or after January 1, 2001, and special assessments, if any, for work on site actually commenced or levied on or after January 1, 2001,** and will warrant and defend the same.

807990
Parcel Identification Number (PIN)

This is not homestead property.

Dated this 24th day of December, 20 01.

Dennis P. Feldmann
Dennis P. Feldmann

AUTHENTICATION

Signature(s) of Dennis P. Feldmann authenticated this 24 day of December 2001

*David Gass

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

This instrument was drafted by
Attorney David Gass
Rohde Dales LLP

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

ACKNOWLEDGMENT

STATE OF WISCONSIN)
SHEBOYGAN COUNTY) ss.

Personally came before me this ___ day of _____, 20___, the above-named **Dennis P. Feldmann**, to me known to be the person who executed the foregoing instrument and acknowledged the same.

*

Notary Public, State of Wisconsin
My Commission is permanent. (If not, state expiration date: _____)

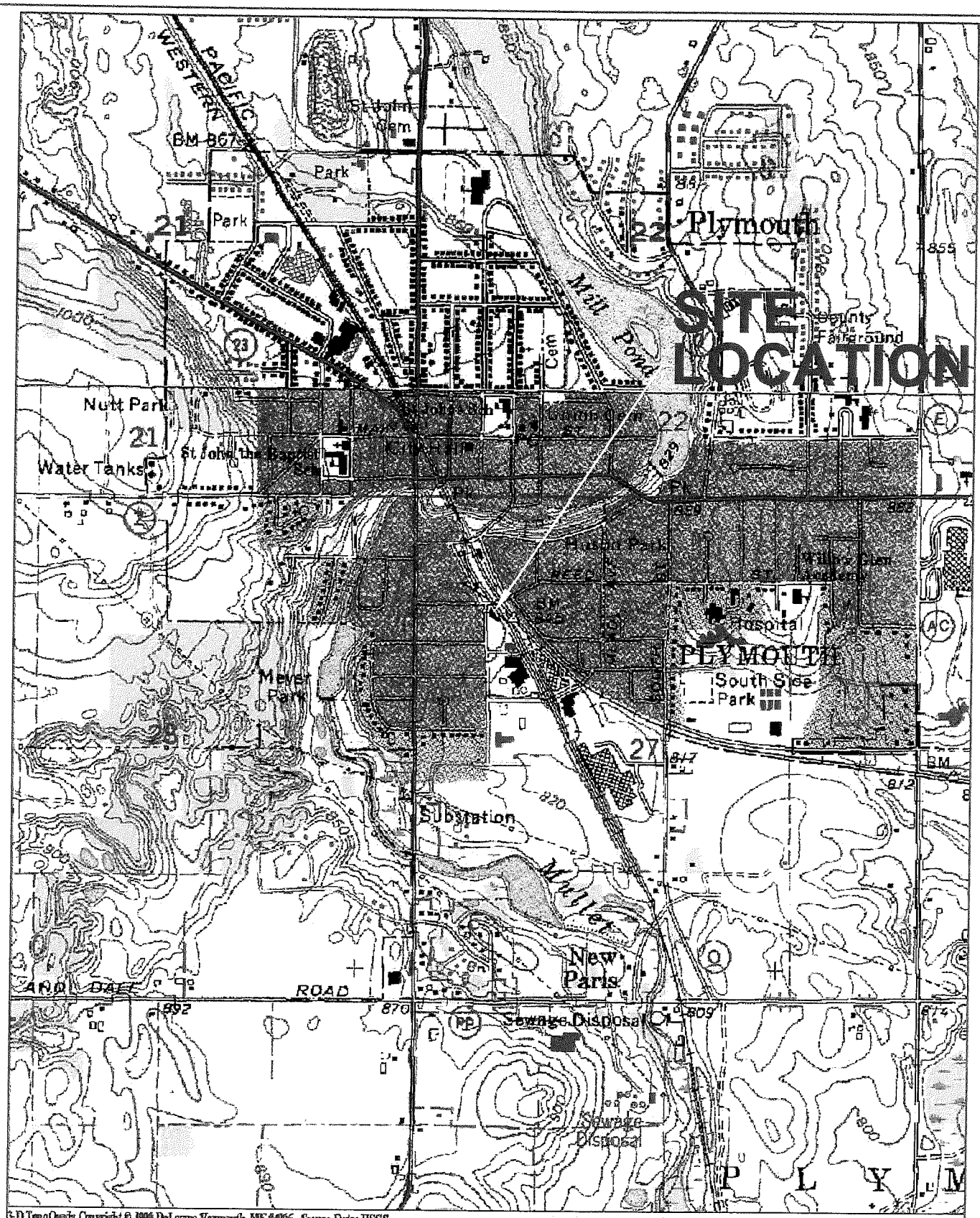
224 Cold Storage St.

Legal Description

An undivided one-third interest in the real estate described as follows:

Part of Blocks 1 and 2 of Eastman's Addition "A" Subdivision to the City of Plymouth, Sheboygan County, Wisconsin, and part of the South West 1/4 of the North West 1/4 of Section 27, Township 15 North, Range 21 East, City of Plymouth, Sheboygan County, Wisconsin, described as follows:

Commencing at a concrete monument which marks the intersection of the north line of Cold Storage Street with the east line of Appleton Street in the city of Plymouth, County of Sheboygan, State of Wisconsin, running thence North along the east line of Appleton Street, 252.85 feet to an iron stake which stake is 22.8 feet South of the south line of the North West 1/4 of the North West 1/4 of Section 27, Township 15 North, Range 21 East; thence East on a line parallel to said south line of the North West 1/4 of the North West 1/4, 159.8 feet to an iron stake which stake is 54.8 feet measured at right angles to and southwesterly from the center line of the main track of the Chicago, Milwaukee, St. Paul and Pacific Railroad; thence southeasterly 294.7 feet to an iron stake which is on the north line of said Cold Storage Street and 310.86 feet East of the point of beginning; thence West along the north line of Cold Storage Street 310.86 feet to the point of beginning, excepting therefrom all that parcel of real estate lying North of a line parallel with and a distance of 97.8 feet South of the south line of the North West 1/4 of the North West 1/4 of Section 27, Township 15 North, Range 21 East.



3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS 450 ft Scale: 1 : 16,000 Detail: 13-6 Datum: WGS84

KAPUR & ASSOCIATES, INC.
CONSULTING ENGINEERS
MILWAUKEE, WISCONSIN
414.351.6668

SITE LOCATION MAP

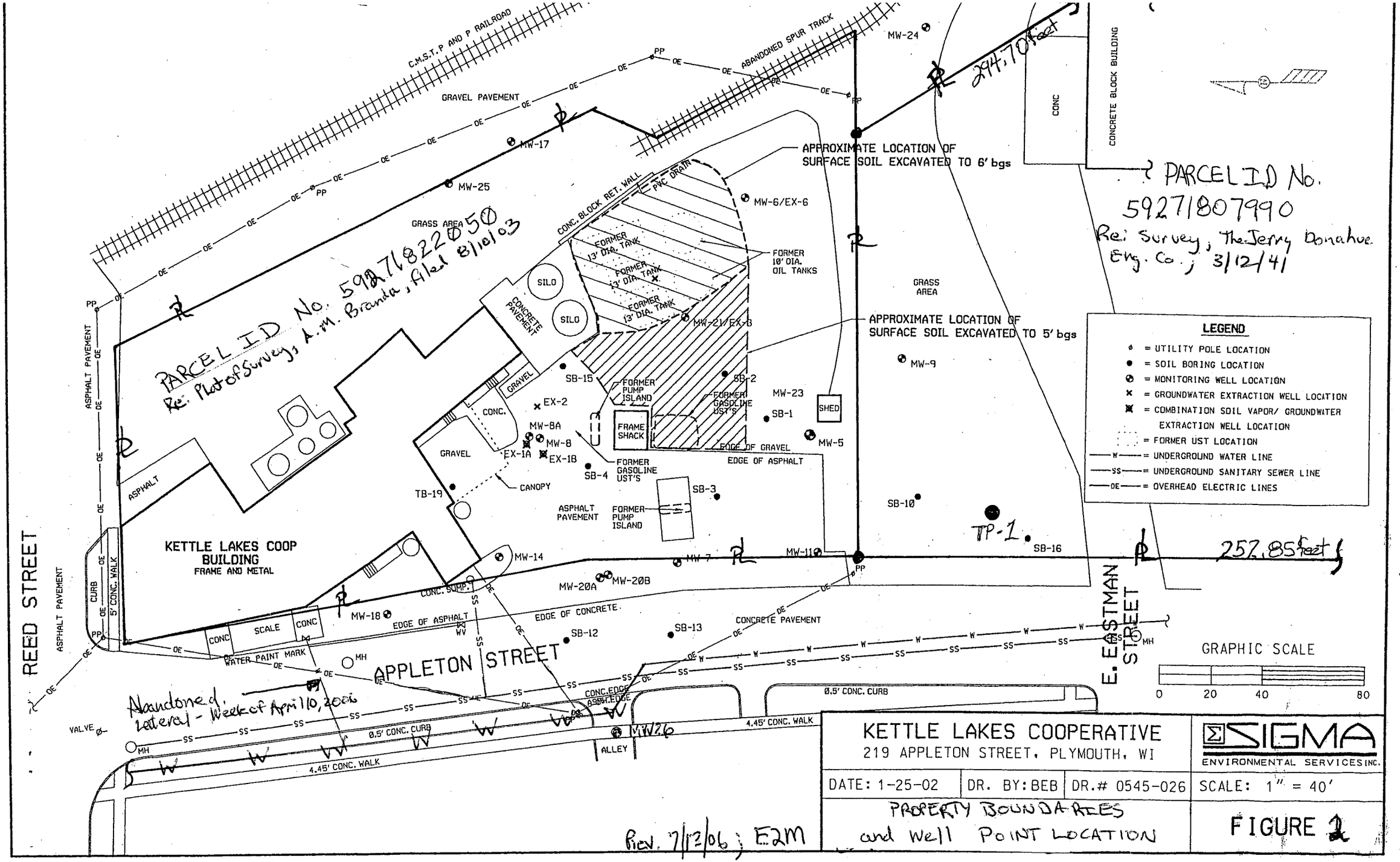
FIGURE 1

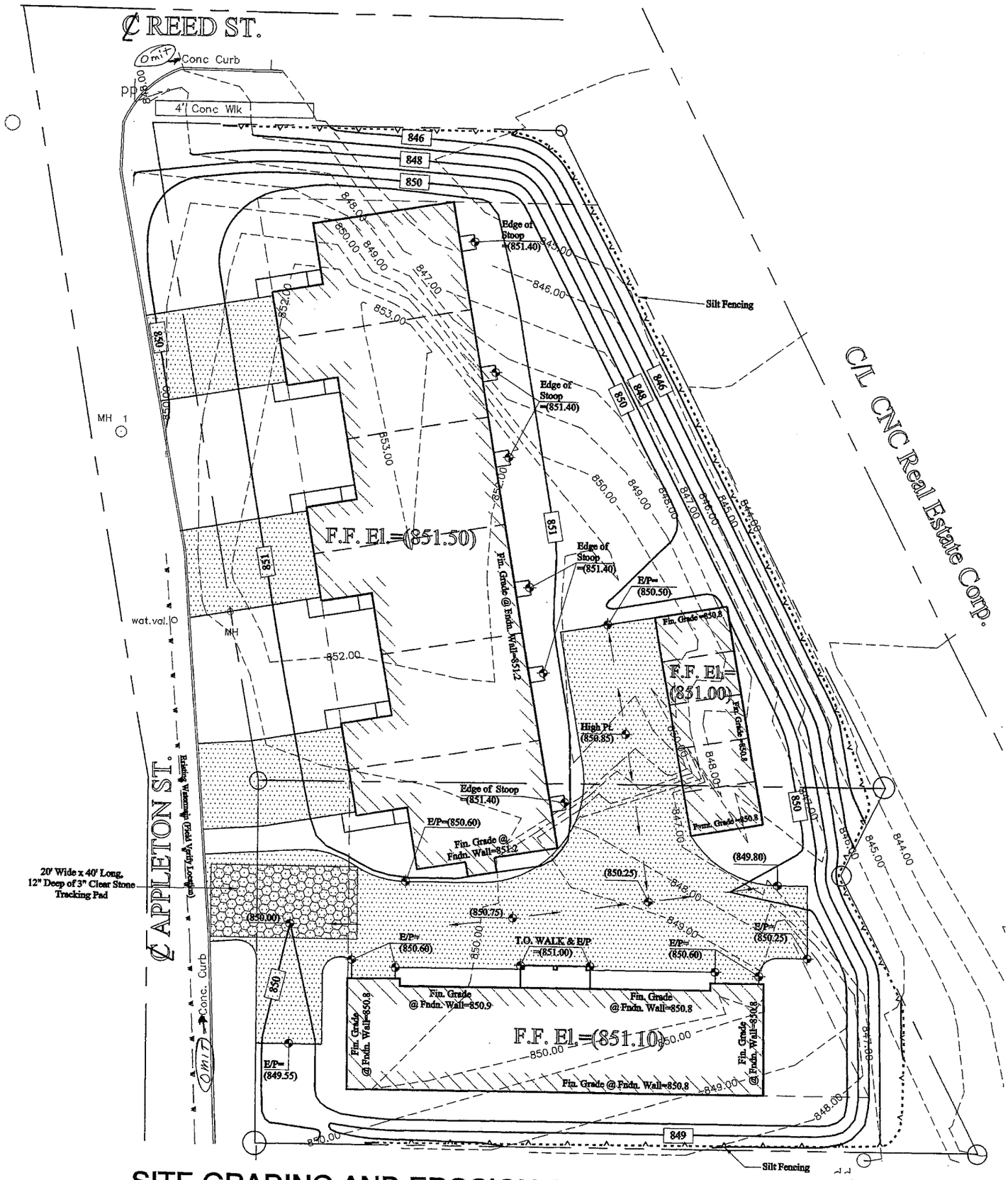
SOURCE: USGS (1974 PLYMOUTH SOUTH QUADRANGLE)

REFERENCE: U.S.G.S. 7.5. MINUTE SERIES. PHOTO REVISED 1994

FORMER KETTLE LAKES COOPERATIVE
219 APPLETON STREET, PLYMOUTH, WISCONSIN

DRAWN BY:	CHECKED BY:	APPROVED BY:	PROJECT NUMBER:	DATE:	REVISED DATE:
TWP	TEH	LJF	05229.421	8/10/06	


C.M.S.T.P AND P RAILROAD
ABANDONED SPUR TRACK
GRAVEL PAVEMENT
MW-24
MW-17
MW-25
GRASS AREA
CONC. BLOCK RET. WALL
PVC DRAIN
MW-6/EX-6
FORMER 13' DIA. TANK
FORMER 13' DIA. TANK
FORMER 13' DIA. TANK
FORMER 10' DIA. OIL TANKS
APPROXIMATE LOCATION OF SURFACE SOIL EXCAVATED TO 6' bgs
APPROXIMATE LOCATION OF SURFACE SOIL EXCAVATED TO 5' bgs
294.70 feet
CONC
CONCRETE BLOCK BUILDING
PARCEL ID No. 59271807990
Re: Survey, The Jerry Donahue Eng. Co.; 3/12/41
PARCEL ID No. 59271822050
Re: Plot of Survey, A.M. Brandt, filed 8/10/03
SILO
SILO
CONCRETE PAVEMENT
MW-21/EX-3
GRASS AREA
MW-9
SB-15
FORMER PUMP ISLAND
SB-2
FORMER GASOLINE UST'S
MW-23
SHED
SB-1
EX-2
CONC.
GRAVEL
MW-8A
MW-8
EX-1A
EX-1B
FRAME SHACK
EDGE OF GRAVEL
EDGE OF ASPHALT
MW-5
GRAVEL
SB-4
FORMER GASOLINE UST'S
CANOPY
TB-19
SB-3
ASPHALT PAVEMENT
FORMER PUMP ISLAND
SB-10
TP-1
SB-16
252.85 feet
ASPHALT PAVEMENT
ASPHALT
KETTLE LAKES COOP BUILDING
FRAME AND METAL
MW-14
MW-7
MW-11
MW-20A
MW-20B
CONC. SUMP
MW-18
EDGE OF ASPHALT
EDGE OF CONCRETE
CONCRETE PAVEMENT
SB-12
SB-13
CURB
5' CONC. WALK
CONC
SCALE
CONC
WATER PAINT MARK
MH
APPLETON STREET
REED STREET
ASPHALT PAVEMENT
E. EASTMAN STREET
MH
Abandoned lateral - Week of April 10, 2006
VALVE
MH
0.5' CONC. CURB
CONC. EDGE ASPH. EDGE
0.5' CONC. CURB
4.45' CONC. WALK
MW26
ALLEY
4.45' CONC. WALK
LEGEND
= UTILITY POLE LOCATION
= SOIL BORING LOCATION
= MONITORING WELL LOCATION
= GROUNDWATER EXTRACTION WELL LOCATION
= COMBINATION SOIL VAPOR/ GROUNDWATER EXTRACTION WELL LOCATION
= FORMER UST LOCATION
= UNDERGROUND WATER LINE
= UNDERGROUND SANITARY SEWER LINE
= OVERHEAD ELECTRIC LINES
GRAPHIC SCALE
0
20
40
80
KETTLE LAKES COOPERATIVE
219 APPLETON STREET, PLYMOUTH, WI
SIGMA ENVIRONMENTAL SERVICES INC.
DATE: 1-25-02
DR. BY: BEB
DR.# 0545-026
SCALE: 1" = 40'
PROPERTY BOUNDARIES and Well POINT LOCATION
FIGURE 2
Rev. 7/12/06; E2M



SITE GRADING AND EROSION CONTROL PLAN

SCALE:1"=20'

SITE WORK GENERAL NOTES

EROSION CONTROL AND ALL SITE WORK TO BE PREFORMED UNDER "BEST MANAGEMENT PRACTICES" IN THE WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK

SILT FENCING SHALL BE INSTALLED PRIOR TO ANY SITE DISTURBANCE. SEE **EROSION CONTROL PLAN** FOR LOCATION.

STONE TRACKING PAD SHALL BE INSTALLED CONCURRENTLY WITH SILT FENCE INSTALLATION. SEE **EROSION CONTROL PLAN** FOR LOCATION.

GENERAL CONTRACTOR TO COORDINATE ALL NEW INTERIOR AND EXTERIOR SANITARY SEWER AND WATER SERVICE LATERAL CONSTRUCTION BETWEEN SUB CONTRACTORS RELATIVE TO CONTRACT LIMITS AND CONSTRUCTION SCHEDULE.

NEW WATER SERVICE AND SANITARY SEWER LATERAL CONSTRUCTION TO BE PREFORMED UNDER "BEST MANAGEMENT PRACTICES" GUIDELINES IN THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, 6TH ADDITION

DISTURBED AREA TO BE PERMANENTLY STABILIZED WITH SEED AND/OR SOD TO BE SET UP AS FOLLOWS:

4" TOPSOIL (MIN.)

FOR SEEDED AREAS PROVIDE WISDOT MIXTURE #40 @ 3 Lbs./1,000 SQUARE FEET

FERTILIZER TO BE WISDOT TYPE "A"

MULCH TO BE STRAW

ALL SLOPES OF THREE FEET HORIZANTIAL TO ONE FOOT VERTICAL (3:1) SHALL BE EROSION MATTED PER WISDOT SPECIFICATIONS.

Groundwater Analytical Results
Kettle Lakes Co-op Project #0545

Analyte	5/16/1991	12/11/1991	3/19/1993	9/16/1993	12/9/1993	4/18/1995	7/20/1995	10/6/1995	1/17/1996	4/9/1996	7/11/1996	11/7/1996	2/2/1997	8/12/1997	8/3/1998	5/4/2000	8/15/2000	5/29/2001	8/20/2001	8/14/2003	10/20/05
EX-1A																					
DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<100	340	2700	3,400	NA	NA	NA	DRY	DRY	NA	
GRO	NA	NA	NA	NA	14,000	NA	NA	NA	NA	NA	860	170	6,600	5,400	NA	480	330	DRY	DRY	NA	
Benzene	NA	NA	NA	NA	1,500	NA	NA	NA	NA	NA	68	2.2	120	500	<0.22	25	38	DRY	DRY	NA	
Ethylbenzene	NA	NA	NA	NA	400	NA	NA	NA	NA	NA	2.6	5	280	280	280	1.2	2.2	DRY	DRY	NA	
Toluene	NA	NA	NA	NA	1,600	NA	NA	NA	NA	NA	13	2.3	59	79	NA	NA	1.3	DRY	DRY	NA	
Xylene	NA	NA	NA	NA	1,800	NA	NA	NA	NA	NA	33	16.4	478	591	NA	NA	1.2	DRY	DRY	NA	
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.5	<0.33	DRY	DRY	NA	
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.7	3.4	DRY	DRY	NA	
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.29	<0.29	DRY	DRY	NA	
Total Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.7	3.4	DRY	DRY	NA	
EX-1B																					
DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GRO	NA	NA	NA	55,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzene	NA	NA	NA	16,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Ethylbenzene	NA	NA	NA	450	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Toluene	NA	NA	NA	13,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Xylene	NA	NA	NA	6,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
EX-2																					
DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GRO	NA	NA	NA	NA	17,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzene	NA	NA	NA	NA	2,500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Ethylbenzene	NA	NA	NA	NA	160	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Toluene	NA	NA	NA	NA	1,400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Xylene	NA	NA	NA	NA	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
EX-3																					
DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	130	NA	NA	NA	NA	NA	NA	
GRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<20	NA	NA	NA	NA	NA	NA	
Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.31	NA	NA	NA	NA	NA	NA	
Ethylbenzene	NA	NA	NA	NA	NA	400	NA	NA	NA	NA	NA	NA	NA	<0.36	NA	NA	NA	NA	NA	NA	
Toluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.32	NA	NA	NA	NA	NA	NA	
Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.09	NA	NA	NA	NA	NA	NA	
EX-4																					
DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6,100	9,800	5700	7,000	NA	NA	NA	NA	NA	NA	
GRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21,000	17,000	6,100	18,000	29000	14,000	15,000	14,000	16,000	12,000	
Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8,400	6,900	3,000	7,100	6,300	4,300	4,500	3,700	4,800	3,600	
Ethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	900.0	360	150	700	1,100	540	630	440	700	600	
Toluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	610	780	320	910	1,200	410	430	360	480	400	
Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,300	1,070	453	1,740	2,600	1,000	1,000	830	1,000	940	
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<20	<18	<6.4	<6.4	430	
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	280	280	220	280	230	
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	130	130	100	120	110	
Total Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	410	410	320	400	340	
EX-5																					
DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	940	860	1800	1,800	NA	NA	NA	NA	NA	NA	
GRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	340	230	180	300	130	<50	<50	<50	<50	<50	
Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79	51	33	66	37.0	5.8	10	2.3	<0.13	<0.25	
Ethylbenzene	NA	NA	NA	NA	NA	400	NA	NA	NA	NA	12.0	10	2	24	8.70	0.56	0.96	<0.22	<0.22	<0.22	
Toluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7	<1.7	0.74	0.79	0.46	<0.20	0.28	<0.20	<0.20	<0.11	
Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33	<5.8	<1.09	1.52	1.4	<0.23	0.41	<0.23	<0.23	<0.39	
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.16	<0.16	<0.16	<0.16	0.23	
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.22	0.23	<0.22	<0.22	<0.25	
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.29	<0.29	<0.29	<0.29	<0.19	
Total Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.51	0.23	<0.51	<0.51	<0.44	
EX-6/MW-6																					
DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7,100	1,600	2,500	970	NA	NA	NA	DRY	NA	NA	
GRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	180	<100	370	<20	76	<50	NA	DRY	NA	<50	
Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.99	<1.6	<0.31	3	5.0	<0.13	0.33	DRY	<0.13	<0.25	
Ethylbenzene	NA	NA	NA	NA	NA	400	NA	NA	NA	NA	<1.0	<1.9	<0.35	<0.35	0.41	<0.22	<0.22	DRY	NA	<0.22	
Toluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	<1.7	<0.32	<0.32	<0.20	<0.20	<0.20	DRY	NA	<0.11	
Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<3.0	<5.8	<1.09	<1.09	0.44	<0.23	0.38	DRY	NA	<0.39	
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.16	<0.16	<0.16	<0.16	<0.23	
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.22	0.31	<0.22	<0.22	<0.25	
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.29	<0.29	<0.29	<0.29	<0.19	
Total Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.51	0.31	<0.51	<0.51	<0.39	
MW-5/EX-9																					
DRO	NA	NA	NA	5500	NA	11,000	14,000	7,600	6,800	6,800	5,900	2,200	NA	1,500	NA	NA	NA	NA	NA	NA	NA
GRO	NA	NA	16,000	17,000	NA	9,800	9,500	11,000	10,000	12,000	12,000	830	NA	6,900	470	NA	NA	NA	NA	<50	NA
Benzene	1,200	8,300	7,200	7,700	NA	3,200	4,900	3,600	3,500	2,200	1,800	120	NA	83	17	NA	NA	NA	NA	0.7	94
Ethylbenzene	20	330	470	610	NA	440	520	520	490	440	450	8.8	NA	26	8.3	NA	NA	NA	NA	<0.22	70
Toluene	82	<1.0	140	175	NA	120	84	95	71	65	110	6.8	NA	3.1	<1.2	NA	NA	NA	NA	<0.11	4.5
Xylene	300	190	524	500	NA	570	490	590	540	580	750	59	NA	37.5	7.5	NA	NA	NA	NA	<0.39	4.8
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.23	<0.61
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.25	<0.97
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.19	<0.53
Total Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.44	<1.80

MW-7/EX-7

Analyte	5/16/1991	12/11/1991	3/19/1993	9/16/1993	12/9/1993	4/18/1995	7/20/1995	10/6/1995	1/17/1996	4/9/1996	7/11/1996	11/7/1996	2/2/1997	8/12/1997	8/3/1998	5/4/2000	8/15/2000	5/29/2001	8/20/2001	8/14/2003
DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26,000	23,000	15000	21,000	NA	NA	NA	NA	NA	NA
GRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77,000	81,000	94,000	37,000	66000	60,000	86,000	53,000	240,000	44,000
Benzene	1,000	35,000	NA	NA	NA	NA	NA	NA	NA	NA	24,000	24,000	32,000	7,200	11,000	12,000	11,000	6,100	10,000	10,000
Ethylbenzene	17	1,100	NA	NA	NA	NA	NA	NA	NA	NA	2,000	2,000	1,900	1,400	2,000	2,700	2,900	2,300	5,400	2,400
Toluene	1,600	16,000	NA	NA	NA	120	84	95	71	65	21,000	20,000	25,000	8,800	8,100	8,900	7,700	5,300	6,700	5,500
Xylene	1,900	6,400	NA	NA	NA	570	490	590	540	580	12,000	11,000	11,000	9,800	13,000	14,000	15,000	11,000	30,000	11,000
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<64	<32	<16	<64	<46
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,100	3,800	2700	2,100	2,500
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	770	860	570	5,300	810
Total Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,870	4,460	3,270	26,300	3,110

MW-8

Analyte	5/16/1991	12/11/1991	3/19/1993	9/16/1993	12/9/1993	4/18/1995	7/20/1995	10/6/1995	1/17/1996	4/9/1996	7/11/1996	11/7/1996	2/2/1997	8/12/1997	8/3/1998	5/4/2000	8/15/2000	5/29/2001	8/20/2001	8/14/2003
DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRO	NA	NA	18,000	16,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21,000	NA	NA	NA	21,000	NA
Benzene	280	3,100	2,300	2,500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,900	NA	NA	NA	3,100	NA
Ethylbenzene	<1.0	790	830	1100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	350	NA	NA	NA	880	NA
Toluene	230	NA	290	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,100	NA	NA	NA	760	NA
Xylene	530	NA	1410	1800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,300	NA	NA	NA	3000	NA
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<6.4	NA
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,000	NA
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	290	NA
Total Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,290	NA

MW-8A

Analyte	5/16/1991	12/11/1991	3/19/1993	9/16/1993	12/9/1993	4/18/1995	7/20/1995	10/6/1995	1/17/1996	4/9/1996	7/11/1996	11/7/1996	2/2/1997	8/12/1997	8/3/1998	5/4/2000	8/15/2000	5/29/2001	8/20/2001	8/14/2003
DRO	NA	NA	NA	NA	NA	3,300	NA	NA	NA	NA	NA	PRODUCT	PRODUCT	47,000	NA	NA	NA	NA	NA	NA
GRO	NA	NA	NA	NA	NA	5,200	NA	NA	NA	NA	NA	PRODUCT	PRODUCT	15,000	NA	NA	NA	19,000	21,000	31,000
Benzene	NA	NA	NA	NA	NA	300	NA	NA	NA	NA	NA	PRODUCT	PRODUCT	1,100	3,900	DRY	DRY	2,200	3,100	3,200
Ethylbenzene	NA	NA	NA	NA	NA	240	NA	NA	NA	NA	NA	PRODUCT	PRODUCT	150	350	NA	NA	410	410	1,000
Toluene	NA	NA	NA	NA	NA	210	NA	NA	NA	NA	NA	PRODUCT	PRODUCT	1,000	2,100	NA	NA	380	780	1,190
Xylene	NA	NA	NA	NA	NA	500	NA	NA	NA	NA	NA	PRODUCT	PRODUCT	4,200	3,300	NA	NA	2,100	3,000	4,100
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<6.4	NA	<46
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	640	NA	1,400
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190	NA	400
Total Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	820	NA	1,800

MW-9

Analyte	5/16/1991	12/11/1991	3/19/1993	9/16/1993	12/9/1993	4/18/1995	7/20/1995	10/6/1995	1/17/1996	4/9/1996	7/11/1996	11/7/1996	2/2/1997	8/12/1997	8/3/1998	5/4/2000	8/15/2000	5/29/2001	8/20/2001	8/14/2003
DRO	NA	NA	NA	NA	NA	280	<100	170	<100	<100	<100	230	400	350	NA	NA	NA	NA	NA	NA
GRO	NA	NA	480	<50	NA	<50	<50	<50	<50	<50	<50	<100	<20	<20	NA	<50	<50	<50	<50	NA
Benzene	NA	<1.0	NA	<1.0	NA	<1.0	<1.0	<0.5	<0.5	<0.5	<0.5	<1.6	<0.31	<0.31	NA	<0.13	<0.13	<0.13	<0.13	NA
Ethylbenzene	NA	<1.0	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.9	<0.35	<0.35	NA	NA	<0.22	<0.22	<0.22	NA
Toluene	NA	<1.0	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.7	<0.32	<0.32	NA	NA	<0.20	<0.20	<0.20	NA
Xylene	NA	<1.0	NA	<3.0	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<5.8	<1.09	<1.09	NA	NA	0.27	<0.23	<0.23	NA
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.16	<0.16	<0.16	<0.16	NA
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.22	0.27	<0.22	<0.22	NA
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.29	<0.29	<0.29	<0.29	NA
Total Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.51	0.37	<0.51	<0.51	NA

MW-11/EX-8

Analyte	5/16/1991	12/11/1991	3/19/1993	9/16/1993	12/9/1993	4/18/1995	7/20/1995	10/6/1995	1/17/1996	4/9/1996	7/11/1996	11/7/1996	2/2/1997	8/12/1997	8/3/1998	5/4/2000	8/15/2000	5/29/2001	8/20/2001	8/14/2003	10/20/2005
DRO	NA	NA	NA	NA	NA	NA	NA	NA	<100	580	2,800	PRODUCT	NA	320	NA	NA	NA	NA	NA	NA	NA
GRO	NA	NA	NA	4,900	NA	NA	NA	NA	180	210	6,900	PRODUCT	NA	90	410	NA	NA	320	140	NA	NA
Benzene	130	NA	410	1,100	NA	NA	NA	NA	3.8	15	1,400	PRODUCT	NA	<0.31	84	NA	NA	11	7.0	NA	<0.14
Ethylbenzene	15	NA	53	250	NA	NA	NA	NA	1.5	3.6	520.0	PRODUCT	NA	<0.35	19	NA	NA	16	4.4	NA	<0.40
Toluene	8.8	NA	5.3	61	NA	NA	NA	NA	<1.0	1.6	300	PRODUCT	NA	<0.32	10	NA	NA	0.84	0.52	NA	<0.36
Xylene	17.5	NA	NA	36	NA	NA	NA	NA	<3.0	<3.0	750	PRODUCT	NA	1	55	NA	NA	13	1.2	NA	<1.10
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.16	<0.16	NA	<0.36
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.9	0.82	NA	<0.29
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.85	<0.29	NA	<0.40
Total Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.85	0.82	NA	<0.39

MW-14

Analyte	5/16/1991	12/11/1991	3/19/1993	9/16/1993	12/9/1993	4/18/1995	7/20/1995	10/6/1995	1/17/1996	4/9/1996	7/11/1996	11/7/1996	2/2/1997	8/12/1997	8/3/1998	5/4/2000	8/15/2000	5/29/2001	8/20/2001	8/14/2003
DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14,000	NA	24,000	NA	NA	NA	NA	NA	NA
GRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15,000	NA	17,000	27,000	84,000	780,000	56,000	56,000	56,000
Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1400	NA	7,200	12,000	30,000	20,000	15,000	15,000	18,000
Ethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	90	NA	140	120	1,600	2,400	690	<220	320
Toluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	970	NA	3,700	4,500	21,000	20,000	9,100	4,000	7,200
Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1530	NA	2,510	2,300	11,000	15,000	7,900	9,300	9,200
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<64	<50	<80	<160	<46
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1500	6500	1,200	1,900	2,500
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	430	1800	300	420	690
Total Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1930	8300	1,500	2,320	3,190

MW-17

Analyte	5/16/1991	12/11/1991	3/19/1993	9/16/1993	12/9/1993	4/18/1995	7/20/1995	10/6/1995	1/17/1996	4/9/1996	7/11/1996	11/7/1996	2/2/1997	8/12/1997	8/3/1998	5/4/2000	8/15/2000	5/29/2001	8/20/2001	8/14/2003
DRO	NA	NA	NA	NA	NA	<100	<100	<100	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRO	NA	NA	NA	<50	NA	<50	<50	<50	<50	NA	NA	NA	NA	NA	<50	<50	<50	<50	<50	<50
Benzene	NA	<1.0	NA	<1.0	NA	<1.0	<1.0	<1.0	<0.5	NA	NA	NA	NA	NA	<0.13	<0.13	<0.13	<0.13	<0.13	<0.25
Ethylbenzene	NA	<1.0	NA	<1.0	NA	NA	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Toluene	NA	<1.1	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<0.11
Xylene	NA	<1.2	NA	<3.0	NA	<3.0	<3.0	<3.0	<3.0	NA	NA	NA	NA	NA	<0.23	<0.23	0.28	<0.23	<0.23	<0.39
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.16	<0.16	<0.16	<0.16	<0.23
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.22	<0.22	<0.22	<0.22	<0.25
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.29	<0.29	<0.29	<0.29	<0.19
Total Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.51	<0.51	<0.51	<0.51	<0.44

MW-18

Analyte	5/16/1991	12/11/1991	3/19/1993	9/16/1993	12/9/1993	4/18/1995	7/20/1995	10/6/1995	1/17/1996	4/9/1996	7/11/1996	11/7/1996	2/2/1997	8/12/1997	8/3/1998	5/4/2000	8/15/2000	5/29/2001	8/20/2001	8/14/2003
DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRO	NA	NA	150	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<50	<50	<50	<50	<60
Benzene	NA	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.13	<0.13	<0.13	<0.13	<0.25
Ethylbenzene	NA	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.22	<0.22	<0.22	<0.22	<0.22
Toluene	NA	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.20	<0.20	<0.20	<0.20	0.13
Xylene	NA	<1.0	NA	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.23	<0.23	<0.23	<0.23	<0.39
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.16	<0.16	<0.16	<0.16	<0.23
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.22	<0.22	<0.22	<0.22	<0.25
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.29	<0.29	<0.29	<0.29	<0.19
Total Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.51	<0.51	<0.51	<0.51	<0.44

MW-20A

Analyte	5/16/1991	12/11/1991	3/19/1993	9/16/1993	12/9/1993	4/18/1995	7/20/1995	10/6/1995	1/17/1996	4/9/1996	7/11/1996	11/7/1996	2/2/1997	8/12/1997	8/3/1998	5/4/2000	8/15/2000	5/29/2001	8/20/2001	8/14/2003
DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	430	78	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

MW-20B

Analyte	5/16/1991	12/11/1991	3/19/1993	9/16/1993	12/9/1993	4/18/1995	7/20/1995	10/6/1995	1/17/1996	4/9/1996	7/11/1996	11/7/1996	2/2/1997	8/12/1997	8/3/1998	5/4/2000	8/15/2000	5/29/2001	8/20/2001	8/14/2003
DRO	NA	NA	NA	NA	NA	160	<100	<100	600	NA	<100	120	130	NA	NA	DRY	DRY	DRY	DRY	NA
GRO	NA	NA	270	64	NA	<50	<50	<50	<50	NA	<50	<100	33	430	NA	<50	<50	<50	<50	NA
Benzene	NA	NA	NA	1	NA	<1.0	<1.0	<0.5	<0.5	NA	<0.5	<1.6	<0.31	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	NA	<1.0	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.9	<0.35	<0.35	<0.22	NA	NA	NA	NA	NA
Toluene	NA	NA	NA	2.0	NA	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.7	<1.09	2.7	NA	NA	NA	NA	NA	NA
Xylene	NA	NA	NA	6.5	NA	<3.0	<3.0	<3.0	<3.0	NA	<3.0	<5.6	<0.73	2.4	NA	NA	NA	NA	NA	NA

MW-21

Analyte	5/16/1991	12/11/1991	3/19/1993	9/16/1993	12/9/1993	4/18/1995	7/20/1995	10/6/1995	1/17/1996	4/9/1996	7/11/1996	11/7/1996	2/2/1997	8/12/1997	8/3/1998	5/4/2000	8/15/2000	5/29/2001	8/20/2001	8/14/2003
DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRO	NA	NA	NA	NA	1,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	NA	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	NA	NA	NA	NA	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	NA	NA	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylene	NA	NA	NA	NA	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

MW-23

Analyte	5/16/1991	12/11/1991	3/19/1993	9/16/1993	12/9/1993	4/18/1995	7/20/1995	10/6/1995	1/17/1996	4/9/1996	7/11/1996	11/7/1996	2/2/1997	8/12/1997	8/3/1998	5/4/2000	8/15/2000	5/29/2001	8/20/2001	8/14/2003
DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRO	NA	NA	NA	NA	350	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	NA	17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	NA	NA	NA	NA	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylene	NA	NA	NA	NA	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

MW-24

Analyte	5/16/1991	12/11/1991	3/19/1993	9/16/1993	12/9/1993	4/18/1995	7/20/1995	10/6/1995	1/17/1996	4/9/1996	7/11/1996	11/7/1996	2/2/1997	8/12/1997	8/3/1998	5/4/2000	8/15/2000	5/29/2001	8/20/2001	8/14/2003
DRO	NA	NA	NA	NA	NA	<100	<100	<100	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRO	NA	NA	NA	NA	<50	<50	<50	<50	<50	NA	NA	NA	NA	NA	<50	<50	<50	<50	<50	<50
Benzene	<1.0	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.13	<0.13	<0.13	<0.13	<0.13	<0.26
Ethylbenzene	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.22	<0.22	<0.22	<0.22	<0.22	<0.21
Toluene	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	0.21	<0.22	0.22	<0.20	<0.20	<0.11
Xylene	NA	NA	NA	NA	<3.0	<3.0	<3.0	<3.0	<3.0	NA	NA	NA	NA	NA	<0.23	<0.23	0.48	<0.23	<0.23	<0.39
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.16	<0.16	<0.16	<0.16	<0.23
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.22	0.29	<0.22	<0.22	<0.26
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.29	<0.29	<0.29	<0.29	<0.19
Total Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.51	0.29	<0.51	<0.51	<0.44

MW-26

Analyte	5/16/1991	12/11/1991	3/19/1993	9/16/1993	12/9/1993	4/18/1995	7/20/1995	10/6/1995	1/17/1996	4/9/1996	7/11/1996	11/7/1996	2/2/1997	8/12/1997	8/3/1998	5/4/2000	8/15/2000	5/29/2001	8/20/2001	8/14/2003	10/20/2005
DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<60	NA
Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.25	<0.41
Ethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.22	<0.54
Toluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.11	<0.67
Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.39	<2.63
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.23	<0.61
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.25	<0.97
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.19	<0.83
Total Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.44	<1.80

TW-1

Analyte	10/20/05
DRO	NA
GRO	NA
Benzene	5.5
Ethylbenzene	<0.54
Toluene	<0.67
Xylene	<2.63
MTBE	<0.61
1,2,4-TMB	<0.97
1,3,5-TMB	<0.83
TOTAL TMB	<1.80

MW-27

Analyte	5/16/1991	12/11/1991	3/19/1993	9/16/1993	12/9/1993	4/18/1995	7/20/1995	10/6/1995	1/17/1996	4/9/1996	7/11/1996	11/7/1996	2/2/1997	8/12/1997	8/3/1998	5/4/2000	8/15/2000	5/29/2001	8/20/2001	8/14/2003
DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<50
Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.25
Ethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.22
Toluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.11
Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.39
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.23
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.25
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.19
Total Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.44

PZ-1

DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,700
Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43
Ethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44
Toluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	120
Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	230
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.23
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.25
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.19
Total Trimethybenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.44

Notes:

µg/L	=	micrograms per liter, all analytes are reported in ug/L
Pal	=	Chapter NR 140 Preventative Action Limit
ES	=	Chapter NR 140 Enforcement Standard
NA	=	Not Analyzed
NS	=	No Standard
bold	=	Exceeds NR 140 ES
bold	=	Exceeds NR 140 PAL

Standards	NR 140 ES	NR 140 PAL
DRO	NS	NS
GRO	NS	NS
Benzene	5	0.5
Ethylbenzene	700	140
Toluene	1,000	200
Xylene	10,000	1,000
MTBE	60	12
1,3,5-Trimethylbenzene	NS	NS
1,2,4-Trimethylbenzene	NS	NS
Total Trimethylbenzene	480	96

Table 1
Monitoring Well Groundwater Contaminant Analytical Results, MW5, MW11, MW26 and TW1
Detected PVOCS Only
Plymouth Coop
Plymouth Wisconsin

Well Number	Date Sampled	Benzene	Ethylbenzene	Toluene	Total TMB	Total Xylenes
MW5	05/16/91	**1,200**	20	82	--	300
	12/11/91	**8,300**	330	ND(<1.0)	--	190
	03/19/93	**7,200**	470	140	--	524
	09/16/93	**7,700**	610	175	--	500
	04/18/95	**3,200**	440	120	--	570
	07/20/95	**4,900**	520	84	--	490
	10/06/95	**3,600**	520	95	--	590
	01/17/96	**3,500**	490	71	--	540
	04/09/96	**2,200**	440	65		580
	07/11/96	**1,800**	450	110	--	750
	11/07/96	**120**	8.8	6.8	--	59
	08/12/97	**83**	26	3.1	--	37.5
	08/03/98	**17**	8.3	ND(<1.2)	--	7.5
	05/29/01	Not Sampled				
	08/20/01	Not Sampled				
	08/14/03	0.7	ND(<0.22)	ND(<0.11)	ND(<0.44)	ND(<0.39)
	10/20/05	**97**	70	4.5	ND	4.6
MW11	05/16/91	**130**	14	8.8	--	17.5
	12/11/91	Not Sampled				
	03/19/93	**410**	53	5.3	--	--
	09/16/93	**1,100**	250	61	--	36
	04/18/95	Not Sampled				
	07/20/95	Not Sampled				
	10/06/95	Not Sampled				
	01/17/96	3.8	1.5	ND(<1.0)	--	ND(<3.0)
	04/09/96	**15**	3.6	1.6	--	ND(<3.0)
	07/11/96	**1400**	520	300	--	750
	11/07/96	PRODUCT				
	08/12/97	ND(<0.31)	ND(<0.35)	ND(<0.32)	--	1
	08/03/98	**84**	19	10	--	55
	05/29/01	**11**	16	0.84	9.85	13
	08/20/01	**7.0**	4.4	0.52	0.62	1.2
	08/14/03	Not Sampled				
	10/20/05	ND(<0.14)	ND(<0.40)	ND(<0.36)	ND	ND
MW26	08/20/01	Not Installed				
	08/14/03	ND(<0.25)	ND(<0.22)	ND(<0.11)	ND	ND(<0.39)
	10/20/05	ND(<0.41)	ND(<0.54)	ND(<0.67)	ND	ND
TW1	10/20/05	**5.5**	ND(<0.54)	ND(<0.67)	ND	ND
NR 140 ES* (blank space = no standard)		5	700	1,000	460	10,000
NR140 PAL* (blank space = no standard)		0.5	140	200	96	1,000

Notes:
all concentrations reported in ug/L unless noted
ND( ) = Not detected above quantification limit (detection limit)
5.5 = Enforcement Standard Exceedence
520 = Preventive Action Limit Exceedence
ES = NR 140 Enforcement Standard
PAL = NR 140 Preventive Action Limit
* = Groundwater Standards from s. NR 140, Wis. Adm. Code, June 2003

Table #1: Remedial Excavation Closure Soil Sample Analytical Results
Former Kettle Lakes Coop
Plymouth, Wisconsin

				PVOC's (ppm)							
Sample #	Depth (ft bgs)	Date Collected	PID (ppm eq)	Benzene	Ethylbenzene	MTBE	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes	Naphthalene
CS-1	4'	8/16/2005	<10	**37.5**	**36.6**	<1.100	**151.0**	80.3	29.7	**194.0**	18.1
CS-2	4'	8/16/2005	<10	**10.9**	**20.3**	<0.553	**6.16**	41.5	18.5	**94.5**	11.8
CS-3	4'	8/16/2005	<10	**13.5**	**50.7**	<1.090	**79.5**	154.0	54.8	**290.0**	43.3
CS-4	4'	8/16/2005	<10	**5.23**	**20.6**	<0.280	**30.4**	63.3	21.5	**113.5**	17.7
CS-5	4'	8/16/2005	<10	**4.1**	**15.9**	<0.275	**23.8**	53.7	17.1	**85.0**	19.0
CS-6	4'	8/17/2005	<10	**18.5**	**51.9**	<1.1	**78.1**	131.0	44.5	**251.6**	44.5
CS-7	6-8'	8/17/2005	<10	<0.018	0.0610	<0.013	0.0640	0.2320	0.1760	0.2640	0.3730
CS-8	6-8'	8/17/2005	<10	**6.31**	**14.1**	<0.521	**4.69**	26.5	11.5	**66.0**	11.9
CS-9	6-8'	8/17/2005	<10	<0.756	**28.3**	<0.562	<0.831	76.1	25.3	**105.3**	17.1
CS-10	6-8'	8/17/2005	<10	<0.018	<0.018	<0.014	<0.020	<0.027	<0.021	<0.04	0.0740
CS-11	6'	3/8/2006	<10	<0.029	<0.029	<0.029	<0.029	0.5600	<0.029	<0.088	NA
CS-12	6'	3/8/2006	<10	<0.030	<0.030	<0.030	<0.030	0.8200	0.3400	<0.091	NA
TRIP	NA	3/8/2006	NA	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NA
NR 720.09 RCLs				0.0055	2.9	NS	1.5	NS	NS	4.1	NS
NR 746.06 Table 1 (free product indicator)				8.5	4.6	NS	38	83	11	42.0	2.7
NR 746.06 Table 2 (direct contact standard)				1.1	NS	NS	NS	NS	NS	NS	NS

NOTES:

All results are in parts per million (ppm) unless otherwise noted
Concentrations exceeding the NR 720 RCLs are in **bold face**
Concentrations exceeding the NR 746 Table 1 Standards are underlined

* = Residual Contaminant Levels (RCLs) based on protection of groundwater per NR 720 in ppm
** = RCLs based on human health risk from direct contact related to non-industrial use per NR 720
ft bgs = feet below ground surface
ppm eq = parts per million equivalent
PID = photoionization detector
PVOC = Petroleum Volitile Organic Compounds

Only comounds detected in at least one sample are shown

Table #2: Remedial Excavation Closure Soil Sample Analytical Results
Former Kettle Lakes Coop
Plymouth, Wisconsin

				PVOC's (ppm)							
Sample #	Depth (ft bgs)	Date Collected	PID (ppm eq)	Benzene	Ethylbenzene	MTBE	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes	Naphthalene
WCS-1	**0-4'**	8/16/2005	518.8	<0.731	**43.3**	<0.544	**59.4**	121	36.9	**214.3**	24.6
WCS-2	**0-4'**	8/17/2005	2,411	<0.978	**66.7**	<0.727	**20.7**	164	52.1	**358**	36.7
WCS-3	**4-6'**	8/17/2005	1,327	<0.914	**48.0**	<0.680	**83.4**	153	50.0	**278.3**	39.7
WCS-4	**6-8'**	8/17/2005	1,654	<0.375	**20.5**	<279	<412	70.6	22.6	**79.5**	18.9
WCS-5	**4-6'**	3/8/2006	3,152	**0.5200**	**3.20**	<0.280	<0.280	29	10	**12**	NA
NR 720.09 RCLs				0.0055	2.9	NS	1.5	NS	NS	4.1	NS
NR 746.06 Table 1 (free product indicator)				8.5	4.6	NS	38	83	11	42.0	2.7
NR 746.06 Table 2 (direct contact standard)				1.1	NS	NS	NS	NS	NS	NS	NS

NOTES:

All results are in parts per million (ppm) unless otherwise noted
Concentrations exceeding the NR 720 RCLs are in **bold face**
Concentrations exceeding the NR 746 Table 1 Standards are underlined

* = Residual Contaminant Levels (RCLs) based on protection of groundwater per NR 720 in ppm
** = RCLs based on human health risk from direct contact related to non-industrial use per NR 720
ft bgs = feet below ground surface
ppm eq = parts per million equivalent
PID = photoionization detector
PVOC = Petroleum Volitile Organic Compounds

Only comounds detected in at least one sample are shown

Soil Analytical Results
Kettle Lakes Co-op Project #0545

		B-1		B-2		B-3		B-4		B-5	
Depth	feet	4.5 -6	14.5 - 16	4.5 - 6	14.5 - 16	4.5 - 6	19.5 - 21	4.5 - 6	19.5 - 21	14.5 - 16	19.5 - 21
	units	11/15/1991	11/15/1991	11/15/1991	11/15/1991	11/15/1991	11/15/1991	11/15/1991	11/15/1991	11/15/1991	11/15/1991
Methyl-t-butyl ether	ppm	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	ppm	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	ppm	-	-	-	-	-	-	-	-	-	-
Naphthalene	ppm	-	-	-	-	-	-	-	-	-	-
Benz (a) anthracene	ppm	-	-	-	-	-	-	-	-	-	-
Benzo (a) pyrene	ppm	-	-	-	-	-	-	-	-	-	-
Benzo (b) fluoranthene	ppm	-	-	-	-	-	-	-	-	-	-
Chrysene	ppm	-	-	-	-	-	-	-	-	-	-
Dibenzo (a,h) anthracene	ppm	-	-	-	-	-	-	-	-	-	-
Acenaphthene	ppm	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	ppm	-	-	-	-	-	-	-	-	-	-
Anthracene	ppm	-	-	-	-	-	-	-	-	-	-
Benzo (ghi) perylene	ppm	-	-	-	-	-	-	-	-	-	-
Benzo (k) fluoranthene	ppm	-	-	-	-	-	-	-	-	-	-
Fluoranthene	ppm	-	-	-	-	-	-	-	-	-	-
Fluorene	ppm	-	-	-	-	-	-	-	-	-	-
Indeno (1,2,3-cd) pyrene	ppm	-	-	-	-	-	-	-	-	-	-
Phenanthrene	ppm	-	-	-	-	-	-	-	-	-	-
Pyrene	ppm	-	-	-	-	-	-	-	-	-	-
Lead - Total	ppm	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	ppm	380	<4.0	1900	<4.0	33	<4.0	440	<4.0	1200	<4.0
Benzene	ppm	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ppm	-	-	-	-	-	-	-	-	-	-
Toluene	ppm	-	-	-	-	-	-	-	-	-	-
Total Xylenes	ppm	-	-	-	-	-	-	-	-	-	-

Notes:

ppm = parts per million
– = No Data Taken

Soil Analytical Results
Kettle Lakes Co-op Project #0545

		B-6		B-7 (MW-7)		B-8 (MW-8)		B-9 (MW-9)		B-10	
Depth	feet	7 - 8.5	24.5 - 26	7 - 8.5	24.5 - 26	9.5 - 11	19.5 - 21	4.5 - 6	7 - 8.5	7 - 8.5	19.5 - 21
	units	11/15/1991	11/15/1991	11/15/1991	11/15/1991	11/15/1991	11/15/1991	11/15/1991	11/16/1991	11/17/1991	11/18/1991
Methyl-t-butyl ether	ppm	-	-	-	-	-	-	<0.0024	-	1.6	-
1,3,5-Trimethylbenzene	ppm	-	-	-	-	-	-	0.042	-	2.3	-
1,2,4-Trimethylbenzene	ppm	-	-	-	-	-	-	0.12	-	4.2	-
Naphthalene	ppm	-	-	-	-	-	-	<0.39	-	<0.41	-
Benz (a) anthracene	ppm	-	-	-	-	-	-	<0.39	-	<0.41	-
Benzo (a) pyrene	ppm	-	-	-	-	-	-	<0.39	-	<0.41	-
Benzo (b) fluoranthene	ppm	-	-	-	-	-	-	<0.39	-	<0.41	-
Chrysene	ppm	-	-	-	-	-	-	<0.39	-	<0.41	-
Dibenzo (a,h) anthracene	ppm	-	-	-	-	-	-	<0.39	-	<0.41	-
Acenaphthene	ppm	-	-	-	-	-	-	<0.39	-	<0.41	-
Acenaphthylene	ppm	-	-	-	-	-	-	<0.39	-	<0.41	-
Anthracene	ppm	-	-	-	-	-	-	<0.39	-	<0.41	-
Benzo (ghi) perylene	ppm	-	-	-	-	-	-	<0.39	-	<0.41	-
Benzo (k) fluoranthene	ppm	-	-	-	-	-	-	<0.39	-	<0.41	-
Fluoranthene	ppm	-	-	-	-	-	-	<0.39	-	<0.41	-
Fluorene	ppm	-	-	-	-	-	-	<0.39	-	<0.41	-
Indeno (1,2,3-cd) pyrene	ppm	-	-	-	-	-	-	<0.39	-	<0.41	-
Phenanthrene	ppm	-	-	-	-	-	-	<0.39	-	<0.41	-
Pyrene	ppm	-	-	-	-	-	-	<0.39	-	<0.41	-
Lead - Total	ppm	-	-	-	-	-	-	4.8	-	4.0	-
Total Petroleum Hydrocarbons	ppm	<4.0	<4.0	<4.0	650	660	<4.0	13	<4.7	72	<4.6
Benzene	ppm	-	-	-	-	-	-	0.015	-	1.6	-
Ethylbenzene	ppm	-	-	-	-	-	-	0.038	-	2.5	-
Toluene	ppm	-	-	-	-	-	-	0.10	-	1.9	-
Total Xylenes	ppm	-	-	-	-	-	-	0.58	-	14	-

Notes:

ppm = parts per million
– = No Data Taken

Soil Analytical Results
Kettle Lakes Co-op Project #0545

		B-11 (MW-11)		B-12		B-13		B-14 (MW-14)		B-15	
Depth	feet	2 - 3.5	9.5 - 11	4.5 - 6	7 - 8.5	7 - 8.5		9.5 - 11	29.5 - 31	7 - 8.5	9.5 - 11
	units	11/19/1991	11/20/1991	11/21/1991	11/22/1991	11/23/1991	11/23/1991	11/15/1991	11/15/1991	11/15/1991	11/15/1991
Methyl-t-butyl ether	ppm	<0.0024	-	<0.0024	-	<0.0022	-	0.091	-	0.049	-
1,3,5-Trimethylbenzene	ppm	0.012	-	0.0047	-	0.0056	-	0.40	-	0.12	-
1,2,4-Trimethylbenzene	ppm	0.026	-	0.014	-	0.009	-	1.0	-	0.15	-
Naphthalene	ppm	<0.39	-	<0.39	-	<0.37	-	2.0	-	<0.37	-
Benz (a) anthracene	ppm	<0.39	-	<0.39	-	<0.37	-	<0.38	-	<0.37	-
Benzo (a) pyrene	ppm	<0.39	-	<0.39	-	<0.37	-	<0.38	-	<0.37	-
Benzo (b) fluoranthene	ppm	<0.39	-	<0.39	-	<0.37	-	<0.38	-	<0.37	-
Chrysene	ppm	<0.39	-	<0.39	-	<0.37	-	<0.38	-	<0.37	-
Dibenzo (a,h) anthracene	ppm	<0.39	-	<0.39	-	<0.37	-	<0.38	-	<0.37	-
Acenaphthene	ppm	<0.39	-	<0.39	-	<0.37	-	<0.38	-	<0.37	-
Acenaphthylene	ppm	<0.39	-	<0.39	-	<0.37	-	<0.38	-	<0.37	-
Anthracene	ppm	<0.39	-	<0.39	-	<0.37	-	<0.38	-	<0.37	-
Benzo (ghi) perylene	ppm	<0.39	-	<0.39	-	<0.37	-	<0.38	-	<0.37	-
Benzo (k) fluoranthene	ppm	<0.39	-	<0.39	-	<0.37	-	<0.38	-	<0.37	-
Fluoranthene	ppm	<0.39	-	<0.39	-	<0.37	-	<0.38	-	<0.37	-
Fluorene	ppm	<0.39	-	<0.39	-	<0.37	-	<0.38	-	<0.37	-
Indeno (1,2,3-cd) pyrene	ppm	<0.39	-	<0.39	-	<0.37	-	<0.38	-	<0.37	-
Phenanthrene	ppm	<0.39	-	<0.39	-	<0.37	-	<0.38	-	<0.37	-
Pyrene	ppm	<0.39	-	<0.39	-	<0.37	-	<0.38	-	<0.37	-
Lead - Total	ppm	<1.2	-	<1.2	-	2.5	-	5.0	-	<1.1	-
Total Petroleum Hydrocarbons	ppm	<4.8	<4.6	<4.7	<4.5	<4.5	<4.5	1300	<4.5	6.7	<4.6
Benzene	ppm	0.0048	-	0.0035	-	0.0067	-	0.091	-	0.12	-
Ethylbenzene	ppm	0.011	-	0.0059	-	0.019	-	1.9	-	0.053	-
Toluene	ppm	0.019	-	0.014	-	0.012	-	0.95	-	0.22	-
Total Xylenes	ppm	0.11	-	0.064	-	0.033	-	1.6	-	0.51	-

Notes:

ppm = parts per million
– = No Data Taken

Soil Analytical Results
Kettle Lakes Co-op Project #0545

		B-16		B-17 (MW-17)		B-18 (MW-18)		B - 19	
Depth	feet	4.5 - 6	9.5 - 11	7 - 8.5	14.5 - 16	14.5 - 16	19.5 - 21	2 - 3.5	9.5 - 11
	units	11/15/1991	11/15/1991	11/15/1991	11/15/1991	11/15/1991	11/15/1991	11/15/1991	11/15/1991
Methyl-t-butyl ether	ppm	<0.0023	-	<0.0022	-	<0.0023	-	<0.0024	-
1,3,5-Trimethylbenzene	ppm	0.0046	-	<0.0022	-	0.0034	-	0	-
1,2,4-Trimethylbenzene	ppm	0.008	-	0.0034	-	0.008	-	0	-
Naphthalene	ppm	<0.38	-	<0.37	-	<0.38	-	<0.40	-
Benz (a) anthracene	ppm	<0.38	-	<0.37	-	<0.38	-	<0.40	-
Benzo (a) pyrene	ppm	<0.38	-	<0.37	-	<0.38	-	<0.40	-
Benzo (b) fluoranthene	ppm	<0.38	-	<0.37	-	<0.38	-	<0.40	-
Chrysene	ppm	<0.38	-	<0.37	-	<0.38	-	<0.40	-
Dibenzo (a,h) anthracene	ppm	<0.38	-	<0.37	-	<0.38	-	<0.40	-
Acenaphthene	ppm	<0.38	-	<0.37	-	<0.38	-	<0.40	-
Acenaphthylene	ppm	<0.38	-	<0.37	-	<0.38	-	<0.40	-
Anthracene	ppm	<0.38	-	<0.37	-	<0.38	-	<0.40	-
Benzo (ghi) perylene	ppm	<0.38	-	<0.37	-	<0.38	-	<0.40	-
Benzo (k) fluoranthene	ppm	<0.38	-	<0.37	-	<0.38	-	<0.40	-
Fluoranthene	ppm	<0.38	-	<0.37	-	<0.38	-	<0.40	-
Fluorene	ppm	<0.38	-	<0.37	-	<0.38	-	<0.40	-
Indeno (1,2,3-cd) pyrene	ppm	<0.38	-	<0.37	-	<0.38	-	<0.40	-
Phenanthrene	ppm	<0.38	-	<0.37	-	<0.38	-	<0.40	-
Pyrene	ppm	<0.38	-	<0.37	-	<0.38	-	<0.40	-
Lead - Total	ppm	2.3	-	<1.1	-	<1.1	-	7.1	-
Total Petroleum Hydrocarbons	ppm	<4.6	<4.6	<4.5	<4.5	<4.5	<4.5	<4.8	6.1
Benzene	ppm	<0.0023	-	0.0045	-	0.011	-	0.011	-
Ethylbenzene	ppm	<0.0023	-	<0.0022	-	0.0057	-	0.006	-
Toluene	ppm	0.011	-	0.0067	-	0.030	-	0.027	-
Total Xylenes	ppm	0.032	-	0.022	-	0.059	-	0.0036	-

Notes:

ppm = parts per million
– = No Data Taken

Soil Analytical Results 11/10/1993
Kettle Lakes Co-op Project #0545

Boring		B-21		MW-21		MW-23			MW-24	MW-25		EX1A	EX1B	
Depth	feet	2 - 4	10 - 12	24.5 - 26	39.5 - 41	14.5 - 16	17.0 - 18.5	37.0 - 38.5	9.5 - 11	14.5 - 16	24.5 - 26	8 - 10	9 - 11	28 - 30
PID	ppm	820	116	140	42	2.8	2.4	1.0	4.8	41	34	1442	3405	3491
Total Solids	%	79.6	88.6	90.3	82.8	88.0	87.0	94.4	81.9	82.9	80.1	85.6	83.7	85.8
Lead	mg/kg	27	-	-	6.7	-	-	4.2	<0.050	-	4.6	4.3	3.5	6.8
Benzene	mg/kg	9.8	-	-	<0.050	-	-	<0.050	<0.050	-	<0.050	<0.25	0.61	16
Ethylbenzene	mg/kg	20	-	-	0.056	-	-	<0.050	<0.050	-	<0.050	3.2	0.61	16
MTBE	mg/kg	5.0	-	-	<0.050	-	-	<0.050	<0.050	-	<0.050	1.1	<0.50	18
Toluene	mg/kg	1.4	-	-	0.082	-	-	0.058	0.054	-	0.065	0.41	0.75	44
1,2,4-Trimethylbenzene	mg/kg	56	-	-	0.39	-	-	<0.050	<0.050	-	<0.050	4.3	1.3	37
1,3,5-Trimethylbenzene	mg/kg	18	-	-	0.14	-	-	<0.050	<0.050	-	<0.050	2.2	<0.50	13
Xylene	mg/kg	61	-	-	0.22	-	-	<0.15	<0.15	-	<0.15	4.8	2.6	77
GRO	mg/kg	1100	40	88	19	<5.0	-	<5.0	<5.0	<5.0	<5.0	260	42	1500
DRO	mg/kg	2500	28	<5.0	8.4	-	<5.0	<5.0	<5.0	<5.0	<5.0	32	10	28
Total PVOCs	mg/kg	171	-	-	0.89	-	-	0.07	0.05	-	0.07	16	5.87	221
Total PAHs	mg/kg	-	-	-	46	-	-	ND	-	-	ND	-	-	-

Notes:

ppm = parts per million
– = No Data Taken
ND = Not Detectable
PID = Photoionization Detector

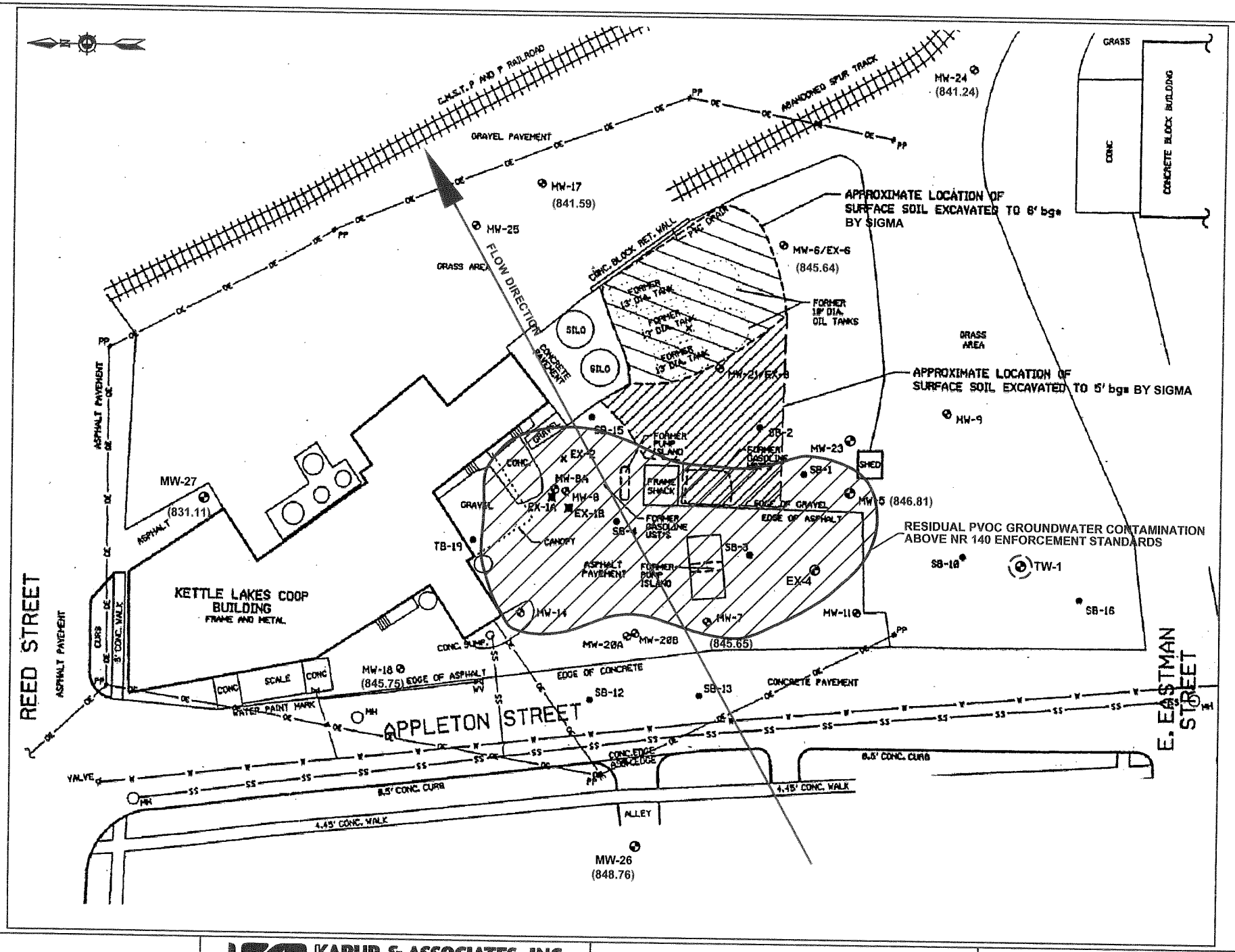
Soil Analytical Results 08/31/1993, 11/09/1993, 02/24/1993
Kettle Lakes Co-op Project #0545

Boring	Depth (ft)	2-3.5	4.5-6	7-8.5	9.5-11	12-13.5	14.5-16	17-18.5	19.5-21	22-23.5	24.5-26	27-28.5	29.5-31	32-33.5	34.5-36	37 - 38.5	39.5 - 41	42 - 43.5
B-22	PID (ppm)	6.1	5.5	8.3	3.5	3.2	3.4	-	6.4	-	-	-	-	-	-	-	-	-
MW-20A	PID (ppm)	-	2591	1256	701	405	337	58.2	26.2	20	16.3	20.7	16.9	18.9/37.5	22.3	8.7	6.5	4.0
MW-21	PID (ppm)	-	-	-	-	-	-	-	6.4	-	140	3	2.7	52.1	27.7	8.7	41.5	-
MW-23	PID (ppm)	203	274	5	5	3	2.8	2.4	1.8	-	0.9	1.2	-	-	-	-	-	-
MW-24	PID (ppm)	4.1	8	2.2	4.8	7.8	7.4	3.4	-	-	-	-	-	-	-	-	-	-
MW-25	PID (ppm)	39.3	21.1	8.2	28.7	35	40.9	15.2	37.4	38.1	27	33.7	5.9	1.8/5	-	-	-	-
EX-1B	PID (ppm)	16.3	18.8	1999	3405	3096	3019	215	85	-	-	-	-	-	-	-	-	-
EX-2	PID (ppm)	-	-	-	-	-	-	-	72.4	118	115	76.2	2500	344	56.6	-	-	-

Boring	Depth (ft)	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24	24-26	26-28	28-30	30-32	32-34	34-36
B-21	PID (ppm)	1387	820	425	184/325	116	38	5.1	-	-	-	-	-	-	-	-	-	-
EX-1A	PID (ppm)	-	-	0	1442	1308	0	157	100	-	-	-	-	-	-	-	-	-
EX-1B	PID (ppm)	-	-	-	-	-	-	-	-	-	366	66/156	315	513	3491	3874/3489	55	56

Notes:

ppm = parts per million
– = No Data Taken
PID = Photoionization Detector



LEGEND:

MW-6/EX-6 = MONITORING WELL / EXTRACTION WELL
(848.76) = GROUNDWATER ELEVATION ON 8/14/03

KAPUR & ASSOCIATES, INC.
CONSULTING ENGINEERS
MILWAUKEE, WISCONSIN
414.351.6668

GROUNDWATER RESIDUAL CONTAMINANT PLUME AND FLOW DIRECTION MAP

FORMER KETTLE LAKES COOPERATIVE
219 APPLETON STREET, PLYMOUTH, WISCONSIN

FIGURE 7

DRAWN BY:	CHECKED BY:	APPROVED BY:	PROJECT NUMBER:	DATE:	SCALE:
TWP	TEH	LJF	05229.421	08/10/08	1" = 35'

Table 3
Depth to Groundwater
Kettle Lakes Cooperative
Plymouth, Wisconsin

Well	Top of Casing Elevation	Elevation of Top of Screen	Elevation of Bottom of Screen	Groundwater Elevation											
				07/11/1996	07/24/1996	10/08/1996	11/07/1996	11/10/1996	02/05/1997	02/24/1997	05/04/2000	08/15/2000	05/29/2001	08/20/2001	08/14/2003
Shallow Wells															
EX-1A	851.85	848.46	838.46	846.86	846.11	---	846.7	---	843.72	N.M	847.05	847.04	N.M	N.M	N.M.
EX-8/MW-11	850	846.14	836.14	845.79	845.81	---	846.62/846.61	845.82	N.M.	845.98	N.M.	N.M	847.13	847.53	N.M.
EX-6/MW-6	850.25	844.95	834.95	843.24	842.99	---	846.04	---	845.17	N.M	845.8	843.64	846.29	846.97	845.64
MW-9	848.32	844.28	834.28	843.29	843.32	843.38	844.92	843.41	842.77	843.42	844.71	843.12	844.17	845.99	N.M.
EX-4	850.3	843.3	833.3	4.01	4.05	---	4.09	---	5.51	N.M	846.92	846.73	846.93	847.16	846.78
MW-18	850.94	842.14	832.14	845.05	845.25	844.39	843.91	844.41	841.21	844.5	845.65	845.52	846.01	846.43	845.75
EX-7/MW-7	850.5	841.74	831.74	847.19	847.16	843.49	844.68	843.53	843.23	843.76	846.35	845.55	846.57	846.28	845.65
EX-9/MW-5	849.56	840.49	830.49	846.31	846.56	840.66	846.9	840.62	N.M.	840.75	N.A.	N.A.	N.A.	N.A.	846.81
EX-5	851.89	840.4	830.4	845.21	845.94	---	846.01	---	845.66	N.M	845.79	845.67	846.23	846.91	845.77
MW-17	843.54	839.63	829.63	840.24	840.33	841.84	842.25	---	N.M.	842.13	842.26	842.19	842.41	842.01	841.59
MW-24	845.35	837.9	827.9	840.75	840.72	840.24	841.58	840.25	841.21	N.M	842.04	840.91	842.08	840.62	841.24
MW-14	851.49	837.72	822.72	Dry	824.1	823.48	826.54	823.51	826.61	823.6	828.38	828.44	828.61	828.49	828.57
MW-26	851.28	846.29	831.29												848.76
MW-27	845.97														831.11
Deep Wells															
MW-8A	851.32	831.16	821.16	822.36	822.01	---	823.65/823.27	---	823.19/822.96	822.51	N.M.	N.M.	827.62	828.05	825.51
MW-20A	850.71	830.47	820.47	819.03	819.01	818.95	819.04	818.95	819.01	N.M.	819.01	Dry	Dry	N.M.	819.06
EX-1B	851.81	830	820.04	821.64	822.76	---	822.08	---	822.65/822.61	N.M.	Dry	Dry	Dry	N.M.	N.M.
MW-23	849.79	826.5	821.5	Dry	813.48	811.71	812.11	811.69	N.M.	811.72	N.A.	N.A.	N.A.	N.A.	N.M.
EX-3/MW-21	852.5	826.2	811.2	Dry	812.82	---	Dry	---	Dry	Dry	Dry	Dry	Dry	Dry	Dry
EX-2	851.35	823.9	817.2	820.71	Dry	---	Dry	---	Dry	Dry	Dry	Dry	Dry	N.M.	N.M.
MW-25	843.52	823.0	813	Dry	Dry	Dry	Dry	---	Dry	Dry	Dry	Dry	Dry	Dry	Dry
MW-20B	850.78	817.99	812.99	813.97	813.69	812.35	812.73	812.37	813.42	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
PZ-1	851.44	801.44													825.91

MW7
MW5

Notes:
N.A. = Not available (MW-5, MW-23 no longer in existence MW-20 B is damaged) MW5 sampled 8/03
N.M. = Water Levels Not measured.

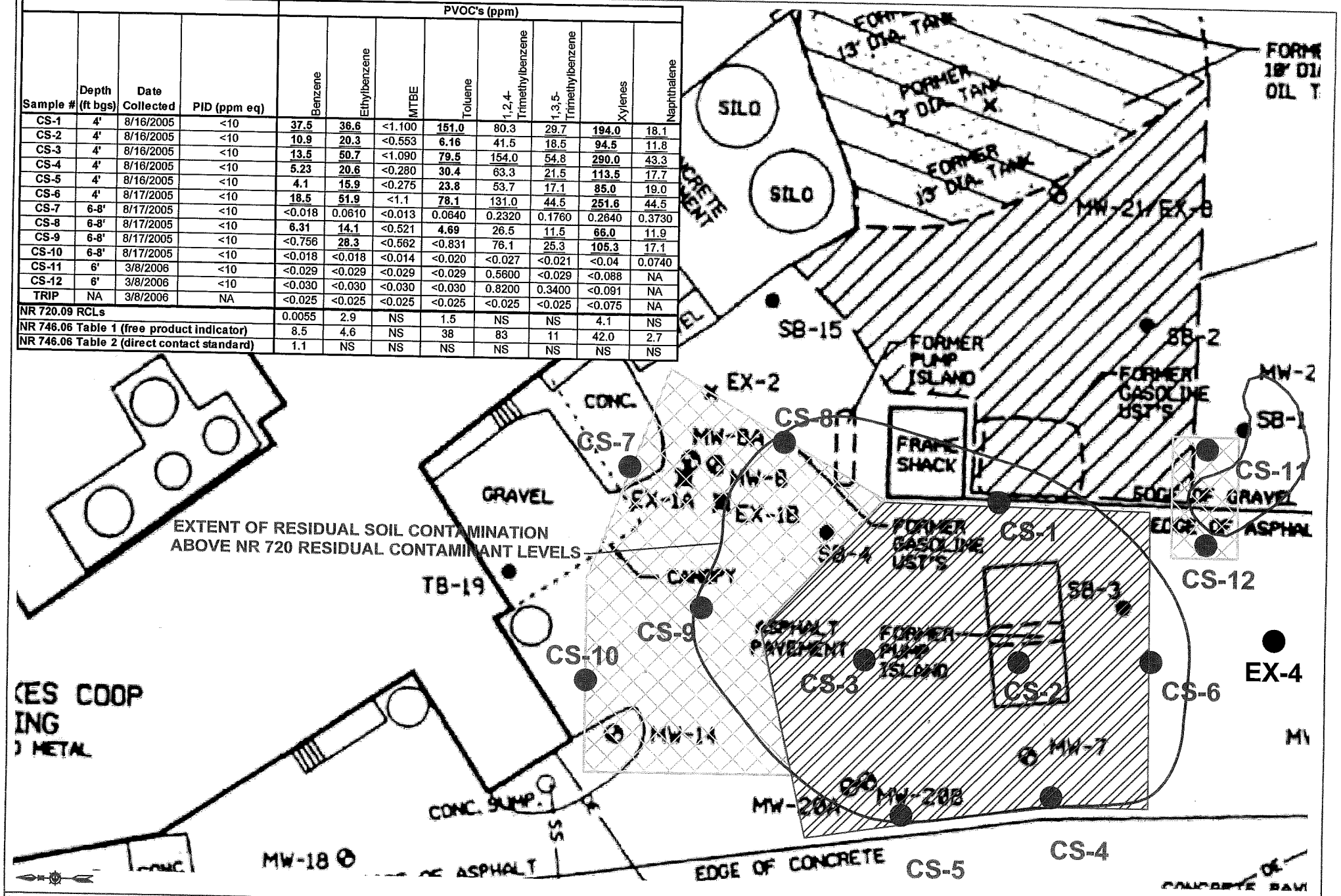
Table 2
Water Table Levels
Plymouth Coop
Plymouth, Wisconsin

Well ID Number	Sample Date	Depth to Groundwater (ft.)	Elevation of Groundwater (ft. MSL)	Elevation Top of Riser (ft. MSL)
MW9	04/20/06	3.61	844.71	848.32
MW11	04/20/06	4.27	845.73	850.0
MW26	04/20/06	2.67		NS
TW1	04/20/06	5.31		NS

Notes:

Depth to groundwater measured from top of PVC elevation
ft MSL = Elevation in feet referenced to site bench mark
NS = not surveyed

Sample #	Depth (ft bgs)	Date Collected	PID (ppm eq)	PVOC's (ppm) Benzene	Ethylbenzene	MTBE	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes	Naphthalene
CS-1	4'	8/16/2005	<10	37.5	36.6	<1.100	151.0	80.3	29.7	194.0	18.1
CS-2	4'	8/16/2005	<10	10.9	20.3	<0.553	6.16	41.5	18.5	94.5	11.8
CS-3	4'	8/16/2005	<10	13.5	50.7	<1.090	79.5	154.0	54.8	290.0	43.3
CS-4	4'	8/16/2005	<10	5.23	20.6	<0.280	30.4	63.3	21.5	113.5	17.7
CS-5	4'	8/16/2005	<10	4.1	15.9	<0.275	23.8	53.7	17.1	85.0	19.0
CS-6	4'	8/17/2005	<10	18.5	51.9	<1.1	78.1	131.0	44.5	251.6	44.5
CS-7	6-8'	8/17/2005	<10	<0.018	0.0610	<0.013	0.0640	0.2320	0.1760	0.2640	0.3730
CS-8	6-8'	8/17/2005	<10	6.31	14.1	<0.521	4.69	26.5	11.5	66.0	11.9
CS-9	6-8'	8/17/2005	<10	<0.756	28.3	<0.562	<0.831	76.1	25.3	105.3	17.1
CS-10	6-8'	8/17/2005	<10	<0.018	<0.018	<0.014	<0.020	<0.027	<0.021	<0.04	0.0740
CS-11	6'	3/8/2006	<10	<0.029	<0.029	<0.029	<0.029	0.5600	<0.029	<0.088	NA
CS-12	6'	3/8/2006	<10	<0.030	<0.030	<0.030	<0.030	0.8200	0.3400	<0.091	NA
TRIP	NA	3/8/2006	NA	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NA
NR 720.09 RCLs				0.0055	2.9	NS	1.5	NS	NS	4.1	NS
NR 746.06 Table 1 (free product indicator)				8.5	4.6	NS	38	83	11	42.0	2.7
NR 746.06 Table 2 (direct contact standard)				1.1	NS	NS	NS	NS	NS	NS	NS



LEGEND:
- MW-6/EX-6 = MONITORING WELL / EXTRACTION WELL
- EXTENT OF EXCAVATION BY KAPUR
- EXTENT OF EXCAVATION BY E2M
- CS-10 = CLOSURE SOIL SAMPLE LOCATION

KAPUR & ASSOCIATES, INC.
CONSULTING ENGINEERS
MILWAUKEE, WISCONSIN
414.351.6668

SOIL CLOSURE SAMPLE RESULTS AND RESIDUAL SOIL CONTAMINANT PLUME MAP

FORMER KETTLE LAKES COOPERATIVE
219 APPLETON STREET, PLYMOUTH, WISCONSIN

FIGURE 4a

DRAWN BY: TWP | CHECKED BY: TEH | APPROVED BY: LJF | PROJECT NUMBER: 05229.421 | DATE: 08/10/06 | SCALE: 1" = 15'

I, Norbert Schleicher, representative for Kettle Lakes Cooperative, responsible party for the site located at 219 Appleton Street, Plymouth, Wisconsin, certify that to the best of my knowledge, the legal description for the property located within the contaminated site boundary has been attached.

Norbert Schleicher

Kettle Lake Cooperative
Responsible Party
Norbert Schleicher

1/18/07
Date

KAPUR & ASSOCIATES, INC.
CONSULTING ENGINEERS

February 26, 2007

Attorney David Gass
Rhode Dales LLP
607 N. 8th Street, 7th Floor
Sheboygan, Wisconsin 53081

RE: Notification of Offsite Contamination
Site: Former Kettle Lakes Cooperative (Plymouth Coop)
219 Appleton Street, Plymouth, Wisconsin 53073
FID # 460116910 WDNR BRRTS # 03-60-000391

Dear Mr. Gass:

Kapur & Associates, Inc. (Kapur), on behalf of Mr. Norbert Schleicher (Responsible Party), is providing you this notification of contaminant impacts to the groundwater at your property emanating from the above referenced site as required by the Wisconsin Department of Natural Resources (WDNR) per chapter NR 726 of the Wisconsin Administrative Code (WAC).

"Groundwater contamination that appears to have originated on the property located at 219 Appleton Street has migrated onto your property at 224 Cold Storage Street. The levels of Petroleum Volatile Organic Compound (PVOC) contamination in the groundwater on your property are above the state groundwater enforcement standards found in chapter NR 140, Wisconsin Administrative Code. However, the environmental consultants who have investigated this contamination have informed me that this groundwater contaminant plume is stable or receding and will naturally degrade over time. I believe that allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in chapter NR 726 and chapter NR 746, Wisconsin Administrative Code, and I will be requesting that the Department of Natural Resources accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the Department will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation."

"Since the source of the groundwater contamination is not on your property, neither you nor any subsequent owner of your property will be held responsible for investigation or cleanup of this groundwater contamination, as long as you and any subsequent owners comply with the requirements of section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. To obtain a copy of the

7711 North Port Washington Road
Milwaukee, WI 53217
www.kapurengineers.com
PHONE 414 351-6668
FAX 414 351-4117

Department of Natural Resources' publication #RR–589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off–Site Contamination," you may visit http://www.dnr.state.wi.us/org/aw/rr/archives/pubs/RR589.pdf or call 608- 267- 3859.

"The Department of [insert "Natural Resources" or "Commerce"] will not review my closure request for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the Department to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information to the Department of Natural Resources that is relevant to this closure request, you should mail that information to: Ms. Nancy Ryan, Wisconsin Department of Natural Resources - Plymouth Service Center, 1155 Pilgrim Road, Plymouth, Wisconsin 53073-0408.

"If this case is closed, all properties within the site boundaries where groundwater contamination exceeds chapter NR 140 groundwater enforcement standards will be listed on the Department of Natural Resources' geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above chapter NR 140 enforcement standards was found at the time that the case was closed. This GIS Registry will be available to the general public on the Department of Natural Resources' internet web site. Please review the enclosed legal description of your property, and notify me within the next 30 days if the legal description is incorrect."

"Once the Department makes a decision on my closure request, it will be documented in a letter. If the Department grants closure, you may obtain a copy of this letter by requesting a copy from me, by writing to the agency address given above or by accessing the DNR GIS Registry of Closed Remediation Sites on the internet at: http://www.dnr.wi.gov/org/aw/rr/gis/index.htmhttp://www.dnr.state.wi.us/org/water/dwg/3300254.pdf. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites."

"Should you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to obtain approval from a regional water supply specialist in DNR's Drinking Water and Groundwater Program. The well construction application, form 3300- 254, is on the internet at, or may be accessed through the GIS Registry web address in the preceding paragraph.

"If you need more information, you may contact me at (414) 351-6668 or you may contact Ms. Nancy Ryan – Wisconsin Department of Natural Resources at (920) 892-8756."

Sincerely,
KAPUR & ASSOCIATES, INC.

Travis W. Peterson
Project Scientist

Linda J. Fellenz
Project Manager
Senior Hydrogeologist

Attachment

cc. Ms. Nancy Ryan, Wisconsin Department of Natural Resources – Plymouth Service Center, 1155 Pilgrim Road, Plymouth, Wisconsin 53073-0408

KAPUR & ASSOCIATES, INC.
CONSULTING ENGINEERS

February 26, 2007

Mr. Bill Immich – Director of Public Works
City of Plymouth
128 Smith Street
Plymouth, Wisconsin 53073

RE: Notification of Offsite Contamination
Site: Former Kettle Lakes Cooperative (Plymouth Coop)
219 Appleton Street, Plymouth, Wisconsin 53073
FID # 460116910 WDNR BRRTS # 03-60-000391

Dear Mr. Immich:

Kapur & Associates, Inc. (Kapur), on behalf of Mr. Norbert Schleicher (Responsible Party), is providing you this notification of residual Petroleum Volatile Organic Compound (PVOC) contaminant impacts to the soil within the Appleton Street right of way originating from the above referenced site, as required by the Wisconsin Department of Natural Resources (WDNR) per chapter NR 726 of the Wisconsin Administrative Code (WAC).

This notice is to make you and your staff aware of the potential to encounter contaminated soils, if utility or road construction activities are conducted, within the Appleton Street right of way adjacent to the former Kettle Lakes Cooperative (Plymouth Coop) site at 219 Appleton Street.

"If you need more information, you may contact me at (414) 351-6668 or you may contact Ms. Nancy Ryan – Wisconsin Department of Natural Resources at (920) 892-8756."

Sincerely,
KAPUR & ASSOCIATES, INC.

Travis W. Peterson
Travis W. Peterson
Project Scientist

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cc: Ms. Nancy Ryan, Wisconsin Department of Natural Resources – Plymouth Service Center 1155 Pilgrim Road, Plymouth, Wisconsin 53073-0408

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