GIS REGISTRY INFORMATION

SITE NAME:	New London Coop		
BRRTS #:	02-45-000140	**FID #** (if appropriate):	
COMMERCE #:	54961-9999-49-A		
CLOSURE DATE:	March 26, 2007		
STREET ADDRESS:	E Beacon St		
CITY:	New London		

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X =**	621166		**Y =**	435615	
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**		**No**	X	

DOCUMENTS NEEDED

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

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2715 Post Road
Stevens Point, Wisconsin 54481-
TDD #: (608) 264-8777
Fax #: (715) 345-5269
Jim Doyle, Governor
Mary P. Burke, Secretary

commerce.wi.gov
Wisconsin
Department of Commerce

March 26, 2007

Tim Wenzel
Larsen Cooperative Co
PO Box 308
New London, WI 54961

RE: **Final Closure**

Commerce # 54961-9999-49-A DNR BRRTS # 02-45-000140
New London Coop, E Beacon St, New London

Dear Mr. Wenzel:

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 Department of Natural Resources (DNR) 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.

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 (715) 342-3802.

Sincerely,

Dee Zoellner
Senior Hydrogeologist
Site Review Section

cc: Andrew Mott, STS Consultants Ltd

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2715 Post Road
Stevens Point, Wisconsin 54481-
TDD #: (608) 264-8777
Fax #: (715) 345-5269
Jim Doyle, Governor
Mary P. Burke, Secretary

commerce.wi.gov
Wisconsin
Department of Commerce

March 14, 2006

Tim Wenzel
Larsen Cooperative Co
519 North Shawano Street
New London WI 54961

RE: **Conditional Case Closure**

Commerce # 54961-9999-49 DNR BRRTS # 02-45-000140
New London Coop, E Beacon St, New London

Dear Mr. Wenzel:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, STS Consultants Ltd, 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:

- A notification must be placed on the property deed addressing residual petroleum impacts to the soil. For case closure we will need a copy of the deed notification (Appendix C) that contains the County Register of Deeds' recording information. **Commerce requires site map indicating where the remaining contamination exists.**
- All [MW-1 - MW-5, TMW-R1] monitoring wells must be properly abandoned. The appropriate documentation must be forwarded to 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. Costs associated with recording deed notices or other restrictions are not eligible for PECFA reimbursement, and the recording of these notices should not delay the claim submittal process.

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 (715) 342-3802.

Sincerely,

Dee Zoellner
Senior Hydrogeologist
Site Review Section

cc: Andrew Mott, STS Consultants Ltd

1706367

Recorded
APR. 13,2006 AT 09:10AM
OUTAGAMIE COUNTY
JANICE FLENZ
REGISTER OF DEEDS
Fee Amount: $19.00

DEED RESTRICTION

Declaration of Restrictions

In Re: See attached Exhibit "a", hereby made part of this restriction.

All that part of the South 1/2 of Lot Two (2), of Dedolph and Lipke's Out Lots, to the City of New London, Outagamie County, Wisconsin, described as follows: That piece of land commencing on the North line of the South 1/2 of Lot 2, of Dedolph and Lipke's Outlots of the City of New London, Outagamie County, Wisconsin, 6 feet West of the West rail of the C. & N.W.R.R. siding, thence running West 100 feet thence South to the South line of said Lot 2 of Dedolph and Lipke's Outlots, thence East to a point 6 feet West of the said West rail of said C. & N.W.R.R. siding, thence Northwesterly to place of beginning.

Recording Area

19.00 (5) ENVELOPE

Name and Return Address
Larsen Cooperative
Box 308
New London, Wi 54961

STATE OF WISCONSIN)
)ss
COUNTY OF OUATGAMIE)

33-3-0408
Parcel Identification Number (PIN)

WHEREAS, Larson Cooperative Corporation is the owner of the above-described property.

WHEREAS, Benzene contaminant discharge has occurred on this property. As of 2001 when soil samples were collected on this property, detected benzene levels were above the Wisconsin Administrative Code NR 746, Table 2 Protection of Human Health from Direct Contact with Contaminated Soil. Benzene contaminated soil above Wisconsin Administrative Code NR 746, Table 2 Protection of Human Health from Direct Contact with Contaminated Soil was found at the following location: HA-8A and HA-8B. See attached Figure 1.

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct further soil or groundwater remediation activities on the property at the present time;

NOW THEREFORE, the owner hereby declares that the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

The 2 foot gravel cap and geotextile fabric warning barrier currently on the above-described property on the date that this restriction was signed form a barrier that must be maintained in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. The existing structure shall be maintained on the above-described property in compliance with the attached Maintenance Plan dated March 15, 2006 that was submitted to the Wisconsin Department of Commerce by Larson Cooperative Corporation, as required by Wisconsin Administrative Code Section NR 724.13(2). In addition, the following activities are prohibited on any portion of the above-described property where the direct contact barrier exists (See Figure 1), unless prior written approval has been obtained from the Wisconsin Department of Commerce or is successors or assigns: (1) Excavating or grading of the land surface; (2) Filling on capped areas; (3) Plowing for agricultural cultivation; and (4) Construction or installation of a building or other structure with a foundation that would be placed on or within the cap.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction insures to the benefit of and is enforceable by the Wisconsin Department of Commerce, its successors or assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Commerce or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 12th day of April, 2006.

Signature: Larsen Cooperative General Manager

Printed Name: LeRoy K. Peterson

Subscribed and sworn to before me

this 12th day of April, 2006.

Notary Public, State of Wisconsin
My commission March 9, 2008

TIMOTHY R. WENZEL NOTARY PUBLIC STATE OF WISCONSIN

This document was drafted by:
Andrew G. Mott (920) 236-6713
STS Consultants, Ltd.
558 North Main Street
Oshkosh, WI 54902

Inspection and Maintenance Plan – Case Closure Request

WDNR BRRTS No. 02-45-000140
WDCOM No. 54961-9999-49

Larsen Cooperative Company
East Beacon Avenue
New London, Wisconsin

March 2007

As a condition of closure a geotextile fabric and compacted gravel cap was installed in the vicinity of HA-8A, HA-8B as an engineered barrier to address remaining impacts to soil that exceed NR 746 Table 2 Direct Contact RCLs for benzene. The location of the gravel cap is indicated on Figure 1.

In accordance with Chapter NR 724.13(2), Wisconsin Administrative Code, the Larsen Cooperative or future owner will inspect the direct contact cap once annually in accordance with this maintenance plan.

The inspections will consist of visual observations to confirm the following:

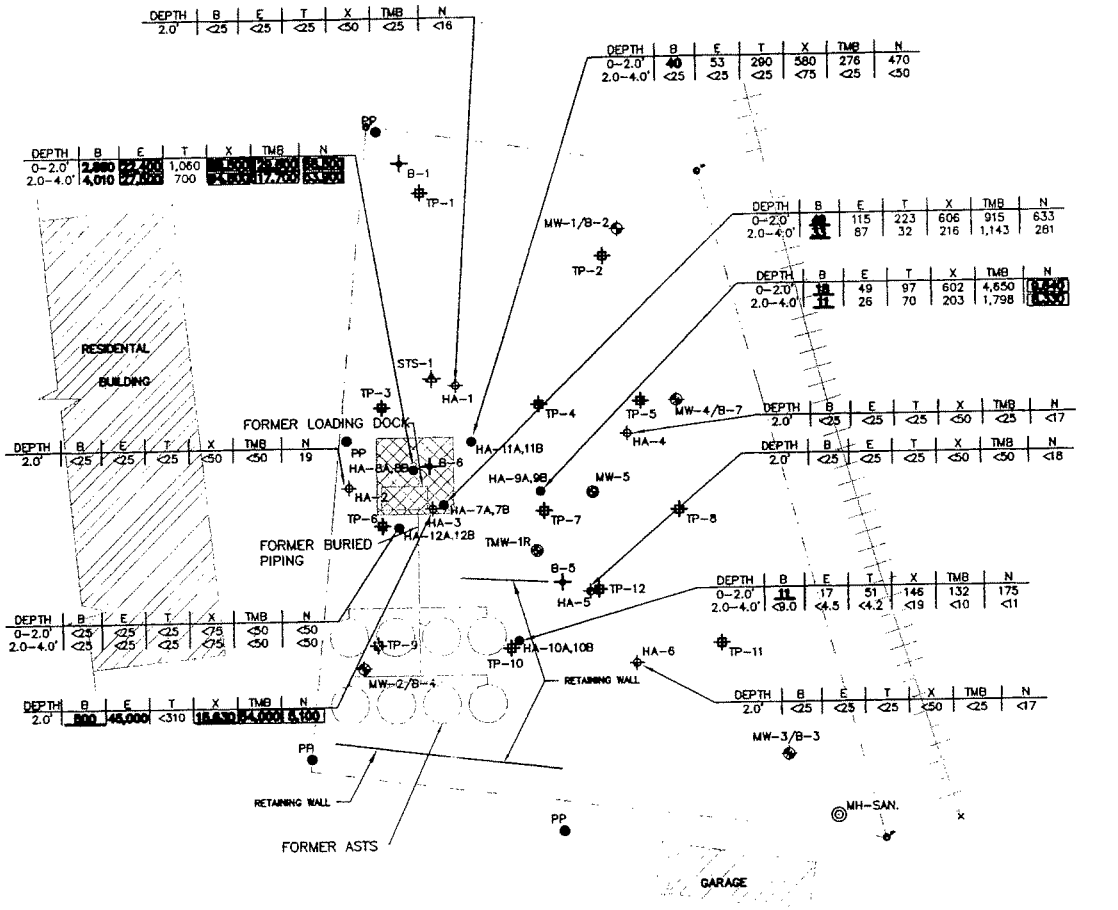
- There is at least 1-2 feet of gravel mounded in the area where residual petroleum impacted soil exceed NR 746 Direct Contact concentrations.
- No filling or digging has occurred.

Deficiencies in the cap will be repaired to maintain the cap integrity. Records of inspection and maintenance activities will be maintained and held by the Larsen Cooperative Company or by future landowners.

Exhibit A

All that part of the South 1/2 of Lot Two (2), of Dedolph and Lipke's Out Lots, to the City of New London, Outagamie County, Wisconsin, described as follows: That piece of land commencing on the North line of the South 1/2 of Lot 2, of Dedolph and Lipke's Outlots of the City of New London, Outagamie County, Wisconsin, 6 feet West of the West rail of the C. & N.W.R.R. siding, thence running West 100 feet thence South to the South line of said Lot 2 of Dedolph and Lipke's Outlots, thence East to a point 6 feet West of the said West rail of said C. & N.W.R.R. siding, thence Northwesterly to place of beginning.

Subject to the following exceptions:
Restrictions, reservations, covenants, conditions, and easements of record, if any.



LEGEND

- PROPERTY LINE
- GROUND SURFACE SPOT ELEVATION
- APPROXIMATE LOCATION FORMER LOADING RACK
- APPROXIMATE LOCATION FORMER ASTS
- APPROXIMATE LOCATION FORMER BURIED PRODUCT LINES
- HAND AUGER LOCATIONS
- TEST PIT (REL 1991)
- SOIL BORING (REL 1992)
- SOIL BORING/MONITORING WELL (REL 1992)
- HAND AUGER BORING (FMI 1997)
- TMW-1R STS MONITORING WELL (1999)
- STS HAND AUGER (2000)
- B BENZENE (ug/Kg)
- E ETHYLBENZENE (ug/Kg)
- T TOLUENE (ug/Kg)
- X XYLENE (ug/Kg)
- TMB 1,2,4- & 1,3,5-TRIMETHYLBENZENE (ug/Kg)
- N NAPHTHALENE (ug/Kg)
- APPROXIMATE AREA OF DIRECT CONTACT PERFORMANCE CAP

NOTES:

1. BOLDED AND UNDERLINED VALUES REPRESENT NR720 GROUNDWATER PATHWAY RCL EXCEEDANCES.
2. BOLDED AND BOXED VALUES REPRESENT NR 746 TABLE 1 SOIL SCREENING VALUE EXCEEDANCES.
3. BOLDED VALUES REPRESENT 746 TABLE 2 DIRECT CONTACT VALUE EXCEEDANCES.

SCALE IN FEET

30' 0 30'

STS CONSULTANTS
558 North Main Street
Oshkosh, WI 54901
920-235-0270
www.stsconsultants.com
Copyright ©2005, By: STS Consultants, Ltd.

HAND AUGER SOIL SAMPLE RESULTS
DIRECT CONTACT BARRIER
LARSEN COOPERATIVE COMPANY
FORMER ABOVE GROUND STORAGE TANK PLANT
NEW LONDON, WISCONSIN

Drawn:	CFS	12/12/05
Checked:	AGM	12/12/05
Approved:	AGM	12/12/05
PROJECT NUMBER	25453W	
FIGURE NUMBER	1	

X:\Projects\OSHDraw\25453w\dwg\LARSEN_COOP_RSLTS.dwg; 12/19/2005 10:16:58 AM; STEMPA, CHRIS

1374863
DOCUMENT NO.

WARRANTY DEED
STATE OF WISCONSIN — FORM 6

OUTAGAMIE COUNTY
RECEIVED FOR RECORD

JUL 31 2000

AT 1:30 O'CLOCK ~~A.M.~~ P.M.
JANICE FLENZ
REGISTER OF DEEDS

THIS SPACE RESERVED FOR RECORDING DATA

NAME AND RETURN ADDRESS
RIDER BENNETT EGAN &
ARUNDEL LLP
333 S 7th ST STE 2000
MINNEAPOLIS MN 55402-9742

This indenture, Made this 27th day of June, A.D., ~~19~~2000 between Wolf River Country Cooperative, f/k/a New London Cooperative & Weyauwega Union Cooperative, a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at 519 North Shawano Street, New London, Wisconsin, party of the first part, and Larsen Cooperative Co.

party of the second part.

Witnesseth, That the said party of the first part, for and in consideration of the sum of Eight Thousand Nine Hundred and 00/100th dollars ($8,900.00) to it paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, has given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents does give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its heirs and assigns forever, the following described real estate, situated in the County of Outagamie and State of Wisconsin, to-wit:

See Exhibit A attached hereto.

33-3-0408
PARCEL IDENTIFICATION NUMBER

TRANSFER
$ 26.70
FEE

Together with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining; and all the estate, right, title, interest, claim or demand whatsoever, of the said party of the first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances.

To have and to hold the said premises as above described with the hereditaments and appurtenances, unto the said party of the second part, and to its heirs and assigns FOREVER.

And the said party of the first part, for itself and its successors, does covenant, grant, bargain and agree to and with the said party of the second part, its heirs and assigns, that the above bargained premises, in the quiet and peaceable possession of the said party of the second part, its heirs and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, by, through or under said party of the first part, and none other, it will forever WARRANT and DEFEND.

In Witness Whereof, the said party of the first part, has caused these presents to be signed by Robert Magdanz, its President, and countersigned by Dean Marcks, its Secretary, at Larsen, Wisconsin, and its corporate seal to be hereunto affixed, this 27th day of June, A.D. ~~19~~ 2000.

SIGNED AND SEALED IN PRESENCE OF

Wolf River Country Cooperative, f/k/a
New London Cooperative & Weyauwega
Union Cooperative
Corporate Name

Robert Magdanz
President

COUNTERSIGNED: Dean Marcks
Secretary

State of Wisconsin, } ss.
Winnebago County.

Personally came before me, this 27th day of June, A.D. ~~19~~ 2000, Robert Magdanz, President, and Dean Marcks, Secretary of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such President and Secretary of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said Corporation, by its authority.

THIS INSTRUMENT WAS DRAFTED BY
Joel J. Dahlgren (612) 340-7900
Rider, Bennett, Egan & Arundel
Suite 2000, 333 South Seventh Street
Minneapolis, MN 55402

NOTARY SEAL

Notary Public, Winnebago County, Wis.
My commission (expires) (is) June 16, 2002

(Section 59.51 (1) of the Wisconsin Statutes provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary. Section 59.513 similarly requires that the name of the person who, or governmental agency which, drafted such instrument, shall be printed, typewritten, stamped or written thereon in a legible manner.)

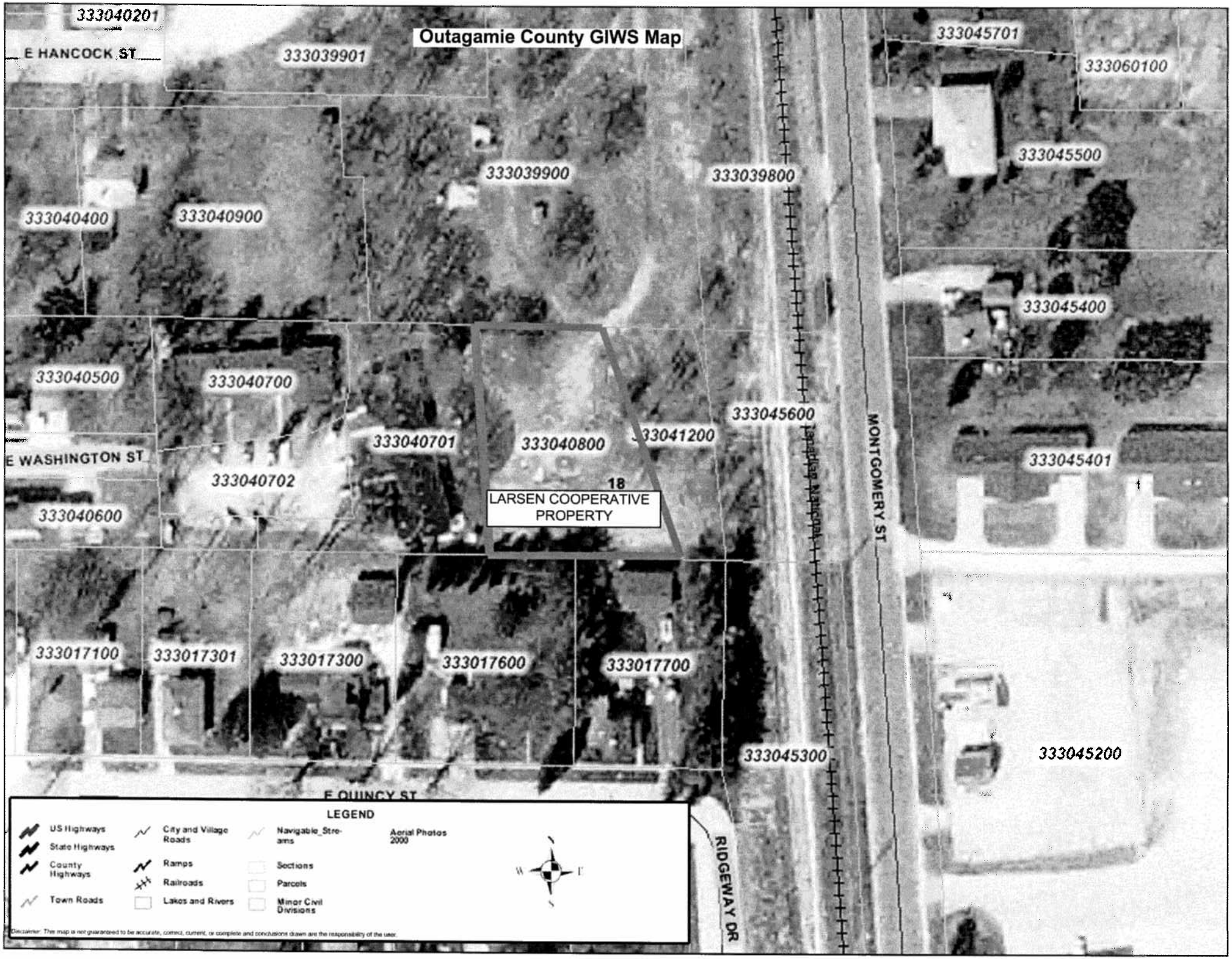
Exhibit A

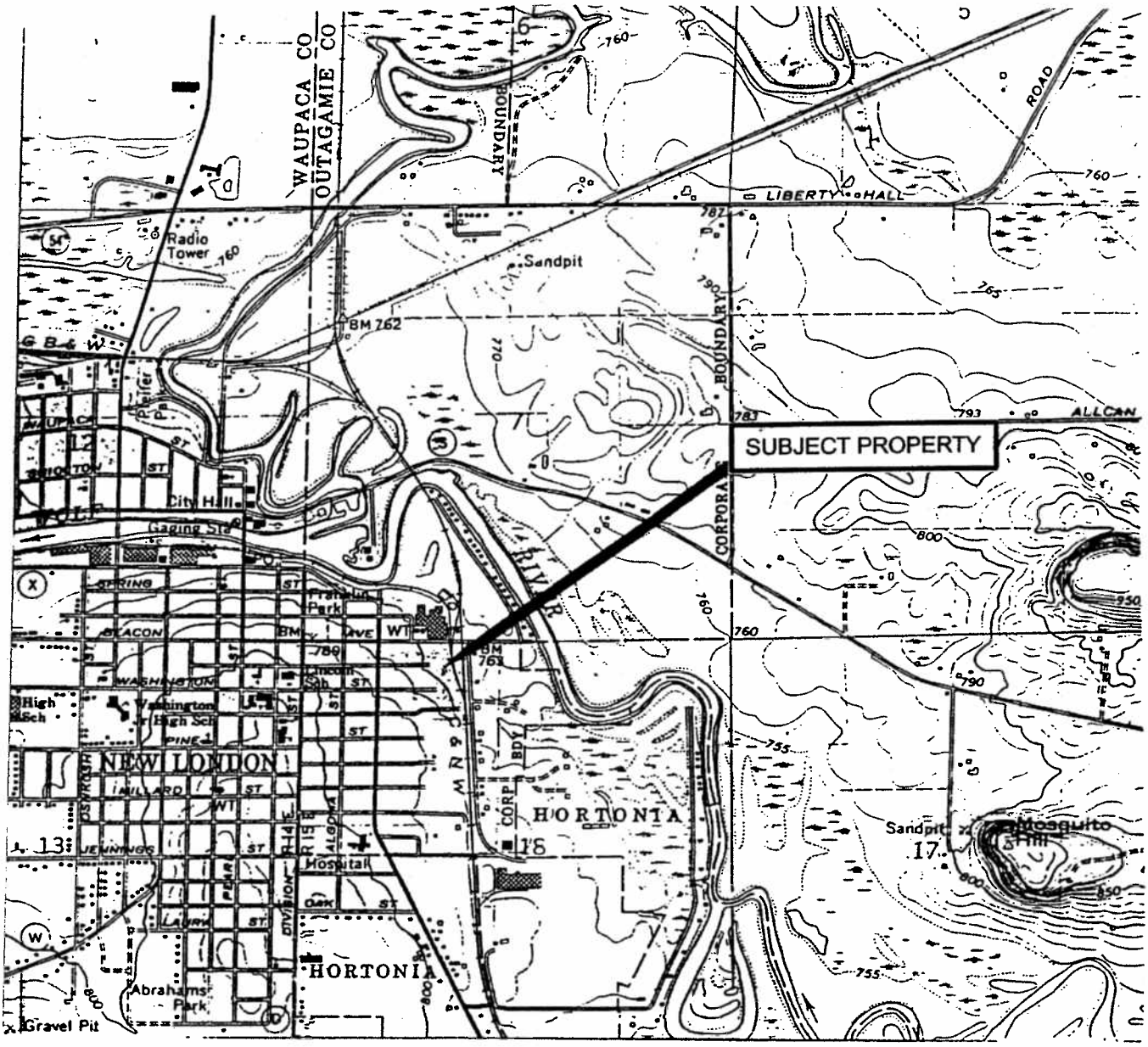
All that part of the South 1/2 of Lot Two (2), of Dedolph and Lipke's Out Lots, to the City of New London, Outagamie County, Wisconsin, described as follows: That piece of land commencing on the North line of the South 1/2 of Lot 2, of Dedolph and Lipke's Outlots of the City of New London, Outagamie County, Wisconsin, 6 feet West of the West rail of the C. & N.W.R.R. siding, thence running West 100 feet thence South to the South line of said Lot 2 of Dedolph and Lipke's Outlots, thence East to a point 6 feet West of the said West rail of said C. & N.W.R.R. siding, thence Northwesterly to place of beginning.

Subject to the following exceptions:
Restrictions, reservations, covenants, conditions, and easements of record, if any.

DISCLAIMER

The City of New London is in no way responsible for the accuracy of the entities (i.e. sewerpipes, manholes, lotlines, r.o.w. lines, etc.) on this map. This map is a representation of what the City believes to be correct regarding this particular area.
Any analysis performed based on this map is done so at the user's risk.


Outagamie County GIWS Map
333040201
E HANCOCK ST
333039901
333045701
333060100
333039900
333039800
333045500
333040400
333040900
333045400
333040500
333040700
333045600
333040701
333040800
333041200
E WASHINGTON ST
333045401
333040702
18
LARSEN COOPERATIVE PROPERTY
333040600
MONTGOMERY ST
333017100
333017301
333017300
333017600
333017700
333045300
333045200
E QUINCY ST
RIDGEWAY DR
LEGEND
US Highways
State Highways
County Highways
Town Roads
City and Village Roads
Ramps
Railroads
Lakes and Rivers
Navigable_Streams
Sections
Parcels
Minor Civil Divisions
Aerial Photos 2000
Disclaimer: The map is not guaranteed to be accurate, correct, current, or complete and conclusions drawn are the responsibility of the user.



(USGS 1969a,b)

SCALE
1:24000

1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

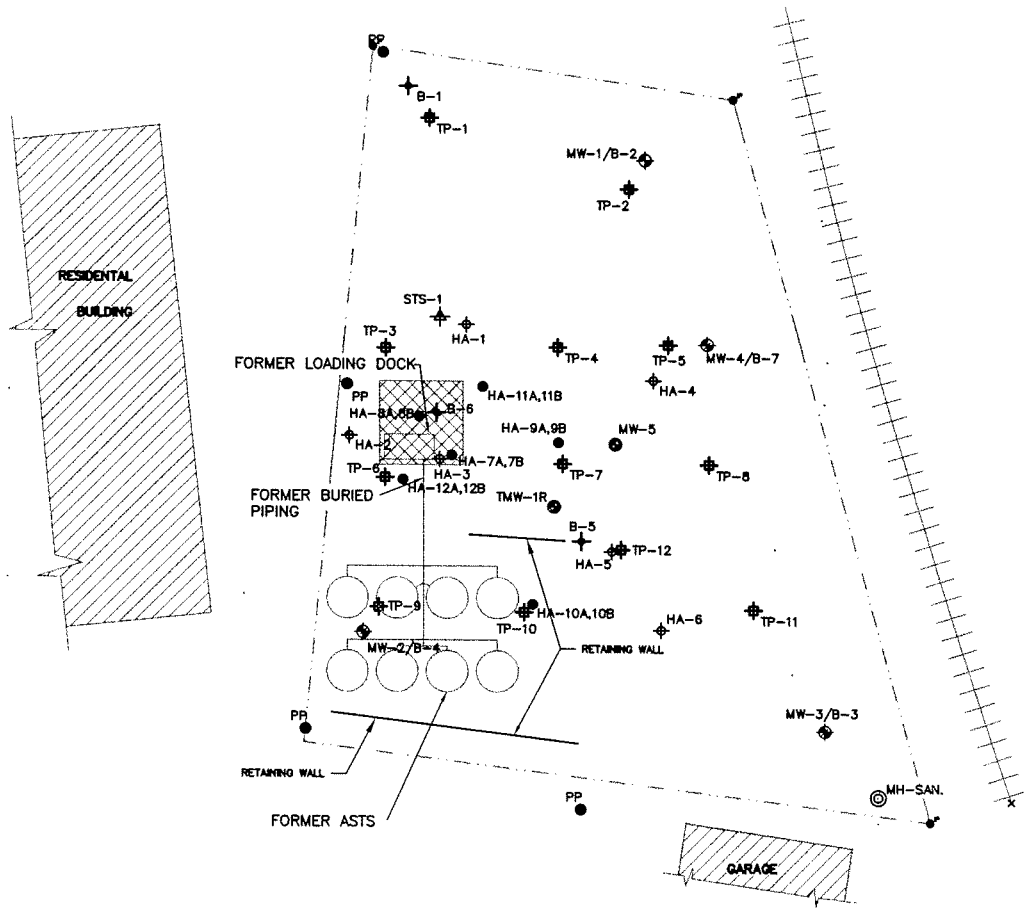
CONTOUR INTERVAL 10 FEET

N

STS CONSULTANTS
1035 Kepler Drive
Green Bay, WI 54311
920-468-1978
www.stsconsultants.com
Copyright ©2005, By: STS Consultants, Ltd.

SITE LOCATION MAP
LARSEN COOPERATIVE COMPANY
FORMER ABOVE GROUND STORAGE TANK PLANT
EAST BEACON AVENUE
NEW LONDON, WISCONSIN

Drawn :	CFS	12/12/2005
Checked:	AGM	12/12/2005
Approved:		
PROJECT NUMBER	25453W	
FIGURE NUMBER	1	



LEGEND

- PROPERTY LINE
- APPROXIMATE LOCATION FORMER LOADING RACK
- APPROXIMATE LOCATION FORMER ASTS
- APPROXIMATE LOCATION FORMER BURIED PRODUCT LINES
- HAND AUGER LOCATIONS
- TEST PIT (REL 1991)
- SOIL BORING (REL 1992)
- SOIL BORING/MONITORING WELL (REL 1992)
- HAND AUGER BORING (FMI 1997)
- TMW-1R STS MONITORING WELL (1999)
- STS HAND AUGER (2000)
- APPROXIMATE AREA OF DIRECT CONTACT PERFORMANCE CAP

N

SCALE IN FEET

30' 0 30'

STS CONSULTANTS
558 North Main Street
Oshkosh, WI 54901
920-235-0270
www.stsconsultants.com
Copyright ©2005, By: STS Consultants, Ltd.

SITE LOCATION DIAGRAM
LARSEN COOPERATIVE COMPANY
FORMER ABOVE GROUND STORAGE TANK PLANT
NEW LONDON, WISCONSIN

Drawn:	CFS	12/12/05
Checked:	AGM	12/12/05
Approved:	AGM	12/12/05
PROJECT NUMBER	25453W	
FIGURE NUMBER	2	

Table 2
Groundwater Analytical Results
Larsen Cooperative Company
Former Bulk Plant Site
New London, Wisconsin

			VOCS																PAHs																				Attenuation Parameters	
		Sample Collected By	Benzene (ug/l)	sec-Butylbenzene (ug/l)	n-Butylbenzene (ug/l)	1,2-Dichloroethane (ug/l)	Ethylbenzene (ug/l)	Isopropylbenzene (ug/l)	p-Isopropyltoluene (ug/l)	Methylene Chloride (ug/l)	MTBE (ug/l)	Naphthalene (ug/l)	n-Propylbenzene (ug/l)	Toluene (ug/l)	Total TMB (ug/l)	Xylenes (ug/l)	Lead (ug/l)	Naphthalene (ug/l)	Acenaphthylene (ug/l)	1-Methyl naphthalene (ug/l)	2-Methyl naphthalene (ug/l)	Acenaphthene (ug/l)	Fluorene (ug/l)	Phenanthrene (ug/l)	Anthracene (ug/l)	Fluoranthene (ug/l)	Pyrene (ug/l)	Benzo(a) anthracene (ug/l)	Chrysene (ug/l)	Benzo(b) fluoranthene (ug/l)	Benzo(k) fluoranthene (ug/l)	Benzo(a)pyrene (ug/l)	Dibenzo(ah) anthracene (ug/l)	Benzo(ghi) perylene (ug/l)	Indeno(1,2,3-cd) pyrene (ug/l)	Nitrate/Nitrite	Sulfate
MW-1	6-18-92	REL	<0.6	<3.8	<5.6	<0.1	<1.5	<3.6	<3.6	83	<1.3	<4.7	<3.4	<2.0	<6.9	<2.5	<1	<0.6	<1.4	<1.4	<1.4	<0.6	<0.1	<0.2	<0.1	<0.2	<0.8	<0.4	<0.2	<0.2	<0.8	<0.8	<0.7	<0.8	<0.4	NA	NA
	8/20/92	REL	<0.6	<3.8	<5.6	<2.2	<2.0	<3.6	<3.6	13	<1.3	<4.7	<3.4	<3.1	<7.0	<3.0	<1	<3.3	<8.7	<9.6	<3.6	<9.6	<3.6	<4.5	<6.6	<8.7	<6.3	<5.7	<4.2	<5.4	<4.5	<5.1	<3.3	<3.6	<4.2	NA	NA
	12/16/92	REL	<0.6	<3.8	<3.5	<2.2	<2.0	<3.6	<3.6	2.9	<0.9	<4.7	<3.4	<2.0	<7.0	<2.5	<1	<1.1	<2.9	<3.2	<1.2	<3.2	<1.2	<1.5	<2.2	<2.9	<2.1	<1.9	<1.4	<1.8	<1.5	<1.7	<1.1	<1.2	<1.4	NA	NA
	4/30/93	REL	<0.6	<3.8	<3.5	<2.2	<2.0	<3.6	<3.6	2	<0.9	<4.7	<3.4	<2.0	<7.0	<3.0	<1	<1.7	<4.5	<5.8	<4.8	<5.2	<1.8	<2.3	<3.3	<4.5	<3.3	<2.9	<2.2	<2.8	<2.3	<3.0	<2.1	<2.4	<2.2	NA	NA
	5/4/94	REL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/4/00	STS	<0.19	<0.15	<0.18	<0.35	<0.13	<0.12	<0.13	<0.12	<0.2	<0.082	<0.12	<0.11	<0.23	<0.3	NA	<0.13	<0.34	<0.19	<0.16	<0.3	<0.26	<0.1	<0.045	<0.15	<0.073	<0.26	<0.14	<0.12	<0.26	<0.03	<0.15	<0.17	<0.18	NA	NA
MW-2	6/18/92	REL	<0.6	<3.8	<5.6	<0.1	<1.5	62	<3.6	56	<1.3	<4.7	<3.4	<2.0	<6.9	<2.5	<1	<0.6	<1.4	<1.4	<1.4	<0.6	<0.1	<0.2	<0.1	<0.2	<0.8	<0.4	<0.2	<0.2	<0.8	<0.8	<0.	<0.8	<0.4	NA	NA
	8/20/92	REL	<0.6	<3.8	<5.6	<2.2	<2.0	<3.6	<3.6	16	<1.3	<4.7	<3.4	<3.1	<7.0	<3.0	<1	<1.1	<2.9	<3.2	<1.2	<3.2	<1.2	<1.5	<2.2	<2.9	<2.1	<1.9	<1.4	<1.8	<1.5	<1.7	<1.1	<1.2	<1.4	NA	NA
	12/16/92	REL	<0.6	<3.8	<3.5	<2.2	<2.0	<3.6	<3.6	4.1	<0.9	<4.7	<3.4	<2.0	<7.0	<2.5	<1	<1.1	<2.9	<3.2	<1.2	<3.2	<1.2	<1.5	<2.2	<2.9	<2.1	<1.9	<1.4	<1.8	<1.5	<1.7	<1.1	<1.2	<1.4	NA	NA
	4/30/93	REL	<0.6	<3.8	<3.5	<2.2	<2.0	<3.6	<3.6	1.8	<0.9	<4.7	<3.4	<2.0	<7.0	<3.0	<1	<0.6	<1.5	<1.9	<1.6	<1.7	<0.6	<0.8	<1.1	<1.5	<1.1	<1.0	<0.7	<0.9	<0.7	<1.0	<0.7	<0.8	<0.7	NA	NA
	5/4/94	REL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1-13-00	STS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.5	19
	4-04-00	STS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.9	19
MW-3	6/18/92	REL	<0.6	<3.8	<5.6	<0.1	<1.5	<3.6	<3.6	144	<1.3	<4.7	<3.4	<2.0	<6.9	<2.5	<1	<0.6	<1.4	<1.4	<1.4	<0.6	<0.1	<0.2	<0.1	<0.2	<0.8	<0.4	<0.2	<0.2	<0.8	<0.8	<0.7	<0.8	<0.4	NA	NA
	8/20/92	REL	<0.6	<3.8	<5.6	<2.2	<2.0	<3.6	<3.6	15	<1.3	<4.7	<3.4	<3.1	<7.0	<3.0	<1	<1.1	<2.9	<3.2	<1.2	<3.2	<1.2	<1.5	<2.2	<2.9	<2.1	<1.9	<1.4	<1.8	<1.5	<1.7	<1.1	<1.2	<1.4	NA	NA
	12/16/92	REL	<0.6	<3.8	<3.5	<2.2	<2.0	<3.6	<3.6	3.5	<0.9	<4.7	<3.4	<2.0	<7.0	<2.5	<1	<1.1	<2.9	<3.2	<1.2	<3.2	<1.2	<1.5	<2.2	<2.9	<2.1	<1.9	<1.4	<1.8	<1.5	<1.7	<1.1	<1.2	<1.4	NA	NA
	4/30/93	REL	<0.6	<3.8	<3.5	<2.2	<2.0	<3.6	<3.6	1.8	<0.9	<4.7	<3.4	<2.0	<7.0	<3.0	<1	<0.6	<1.5	<1.9	<1.6	<1.7	<0.6	<0.8	<1.1	<1.5	<1.1	<1.0	<0.7	<0.9	<0.7	<1.0	<0.7	<0.8	<0.7	NA	NA
	5/4/94	REL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1-13-00	STS	<0.19	<0.35	<0.04	<0.35	<0.19	<0.23	<0.12	<0.25	<0.73	<0.082	<0.36	<0.11	<0.81	<0.39	NA	<0.063	<0.17	<0.094	<0.082	<0.15	<0.13	<0.052	<0.023	<0.075	<0.037	<0.13	<0.068	<0.062	<0.13	<0.015	<0.077	<0.084	<0.091	NA	NA
	4-04-00	STS	<0.19	<0.15	<0.18	<0.35	<0.13	<0.12	<0.13	<0.12	<0.2	<0.082	<0.12	<0.11	<0.23	<0.3	NA	<0.059	<0.16	<0.087	<0.076	<0.14	<0.12	<0.048	<0.021	<0.07	<0.034	<0.12	<0.063	<0.058	<0.12	<0.014	<0.072	<0.078	<0.085	NA	NA
MW-4	12/16/92	REL	<0.6	<3.8	<3.5	<2.2	<2.0	<3.6	<3.6	3.9	<0.9	<4.7	<3.4	<2.0	<7.0	<2.5	<1	<1.1	<2.9	<3.2	<1.2	<3.2	<1.2	<1.5	<2.2	<2.9	<2.1	<1.9	<1.4	<1.8	<1.5	<1.7	<1.1	<1.2	<1.4	NA	NA
	4/30/93	REL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1	<0.6	<1.5	<1.9	<1.6	<1.7	<0.6	<0.8	<1.1	<1.5	<1.1	<1.0	<0.7	<0.9	<0.7	<1.0	<0.7	<0.8	<0.7	NA	NA
	5/4/94	REL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8-4-99	FMI	<0.27	NA	NA	<0.37	<0.32	NA	NA	NA	<0.32	NA	NA	<0.27	<0.49	<0.67	NA	<0.42	<0.41	<0.36	<0.36	<0.47	<0.058	<0.046	<0.021	<0.015	<0.017	<0.014	<0.016	<0.015	<0.009	<0.015	<0.02	<0.021	<0.025	NA	NA
	9-27-99	FMI	<0.27	<0.29	<0.29	<0.37	<0.32	<0.26	<0.24	<0.36	0.86	<0.35	<0.76	<0.27	<0.49	<0.67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1-13-00	STS	<0.19	<0.35	<0.04	<0.35	<0.19	<0.23	<0.12	<0.25	<0.73	<0.082	<0.36	<0.11	<0.81	<0.39	NA	<0.061	<0.16	<0.09	<0.078	<0.14	<0.12	<0.049	<0.022	<0.072	<0.035	<0.12	<0.065	<0.06	<0.12	<0.014	<0.074	<0.08	<0.088	0.59	22
	4-04-00	STS	<0.19	<0.15	<0.18	<0.35	<0.13	<0.12	<0.13	<0.12	<0.2	<0.082	<0.12	<0.11	<0.23	<0.3	NA	<0.059	<0.16	<0.087	<0.076	<0.14	<0.12	<0.048	<0.021	<0.07	<0.034	<0.12	<0.063	<0.058	<0.12	<0.014	<0.072	<0.078	<0.085	<0.069	36
MW-5	1-13-00	STS	0.96	<0.35	<0.04	1.7	0.28	<0.23	<0.12	<0.25	9.7	<0.082	<0.36	<0.11	<0.81	<0.39	NA	<0.059	<0.16	<0.087	<0.076	<0.14	<0.12	<0.048	<0.021	<0.070	<0.034	<0.12	<0.063	<0.058	<0.12	<0.014	<0.072	<0.078	<0.085	<0.14	14
	4-04-00	STS	1.7	<0.15	<0.18	0.98	0.16	<0.12	<0.13	<0.12	7.9	0.13	<0.12	0.62	0.29	<0.3	NA	<0.056	<0.15	<0.083	<0.072	<0.13	<0.11	<0.046	<0.02	<0.067	<0.032	<0.11	<0.06	<0.055	<0.11	<0.013	<0.069	<0.074	<0.081	<0.069	58
TW-1	4/5/99	FMI	**1200**	7.5	21	**36**	**870**	44	8	**9**	8	**340**	89	140	**910**	2973	NA	**55**	<31	41	63	<35	<4.3	23	<1.6	<1.1	<1.3	<1.1	<1.2	<1.1	<0.67	<1.1	<1.5	<1.6	<1.9	NA	NA
	8-4-99	FMI	**340**	NA	NA	**9.9**	200	NA	NA	NA	3.7	NA	NA	28	**600**	868	NA	**220**	<17	240	410	<20	15	260	2	<1.9	5.2	3.2	**2.5**	<0.62	<0.38	<0.62	<0.83	<0.88	<1.0	NA	NA
	9-27-99	FMI	**800**	11	39	<7.4	590	39	14	<7.2	6.4	**350**	87	83	**1080**	1950	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TMW-1R	1-13-00	STS	**50**	<0.35	0.64	1.1	9.8	0.66	0.99	<0.25	3.5	**14**	0.81	1.8	26.3	32	NA	12	<0.16	5.5	<0.078	<0.14	<0.12	<0.049	<0.022	<0.072	<0.035	<0.12	<0.065	<0.06	<0.12	<0.014	<0.074	<0.08	<0.088	<0.14	6.4
	4-04-00	STS	**281**	<3.7	<4.5	<8.8	100	6.2	3.6	<3.0	<4.9	**64**	10	17	143	275	NA	<0.56	<0.15	<0.082	<0.072	<0.13	<0.11	<0.045	<0.02	<0.066	<0.032	<0.11	<0.059	<0.055	<0.11	<0.013	<0.068	<0.074	<0.08	<0.069	1.0
NR 140 ES	(ug/L)		5	--	--	5	700	--	--	5	60	40	--	1000	480	10,000	15	40	--	--	--	--	400	--	3000	400	250	--	0.2	0.2	--	0.2	--	--	--	--	--
NR 140 PAL	(ug/L)		0.5	--	--	0.5	140	--	--	0.5	12	8	--	200	96	1000	1.5	8	--	--	--	--	80	--	600	80	50	--	0.02	0.02	--	0.02	--	--	--	--	--

NOTES:
TMB = Trimethylbenzenes
MTBE = Methyl-tert-butyl-ether
NA = Not Analyzed
REL = Robert E Lees & Associates
FMI = Fluid Management, Inc.
STS = STS Consultants Ltd.
Methylene Chloride was detected in groundwater samples, decontamination blanks, and method blanks by REL in 1992 and 1993. Therefore, methylene chloride detections appear to be attributing to laboratory contamination.
NR 140 ES = Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (March 2000)
NR 140 PAL = Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (March 2000)
15 NR 140 ES Exceedance

Table 1
Soil Field and Analytical Results[1]
Larsen Cooperative Company
Former Bulk Plant Site
New London, Wisconsin

Boring No.	Date	Sample No.	Depth (feet)	PID/FID	Soil Description	Wet	Odor	Lead (mg/kg)	DRO[7] (mg/kg)	GRO[7] (mg/kg)	Benzene ug/kg	Ethylbenzene ug/kg	MTBE[6] ug/kg	Toluene ug/kg	Xylene ug/kg	1,2,4-TMB[5] ug/kg	1,3,5-TMB ug/kg	Naphthalene ug/kg	Acenaphthene ug/kg	Acenaphthylene ug/kg	Fluorene ug/kg	Phenanthrene ug/kg	Anthracene ug/kg	Fluoranthene ug/kg	Pyrene ug/kg	Benzo(a) Anthracene ug/kg	Chrysene ug/kg	Benzo(b) Fluoranthene ug/kg	Benzo(k) Fluoranthene ug/kg	Benzo(a) Pyrene ug/kg	Dibenzo(ah) Anthracene ug/kg	Benzo(ghi) Perylene ug/kg	Indeno (1,2,3-cd)Pyrene ug/kg	1-Methyl-naphthalene ug/kg	2-Methyl-naphthalene ug/kg
TP-1	8/12/1991	1-1	4	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		1-2*	8	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
(B-1 [1992])[4]		1-3	12	800	--	--	--	4.51	44	15	<6.0	94	52	27	44	81	36	<400	<300	<200	<200	<200	<250	<300	<450	<150	<650	<800	<150	<800	<500	<400	<600	--	--
TP-2	8/12/1991	2-1	4	35	--	--	--	9.08	<0.5	<0.5	<6.0	<15	<25	<20	<25	<25	<25	<400	<300	<200	<200	<200	<250	<300	<450	<150	<650	<800	<150	<800	<500	<400	<600	--	--
		2-2*	8	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
(B-2 [1992])[4]		2-3	12	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-3	8/12/1991	3-1	4	1000+	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3-2*	8	1000+	--	--	--	3.46	150	60	<6.0	81	16	10	205	1100	308	**4500	<300	<200	<200	320	330	<300	<450	<150	<650	<800	<150	<800	<500	<400	<600	--	--
(STS-1 [2000])[4]		3-3	12	1000+	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-4	8/12/1991	4-1	4	1000+	--	--	--	9.88	<0.5	1.3	<6.0	17	<25	<20	16	40	47	<400	<300	<200	<200	<200	<250	<300	<450	<150	<650	<800	<150	<800	<500	<400	<600	--	--
		4-2*	8	600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		4-3	12	850	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-5	8/12/1991	5-1	4	300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5-2*	8	360	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
(B-7 [1992])[4]		5-3	12	820	--	--	--	5.61	<0.5	4.6	21	241	11	357	617	193	211	<400	<300	<200	<200	<200	<250	<300	<450	<150	<650	<800	<150	<800	<500	<400	<600	--	--
TP-6	8/12/1991	6-1	4	1000+	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6-2*	8	1000+	--	--	--	8.00	440	55	<6.0	175	17	13	567	673	501	*1400	<300	<200	260	530	530	<300	<450	<150	<650	<800	<150	<800	<500	<400	<600	--	--
(HA-2 [1997])[4]		6-3	12	1000+	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-7	8/12/1991	7-1	4	1000+	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		7-2*	8	1000+	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
(TMW-1R [1999])[4]		7-3	12	1000+	--	--	--	4.85	450	76	<6.0	441	15	18	1030	2110	2090	**230000	**20000	11,000	7,300	**32000	110,000	<300	<450	<150	<650	<800	<150	<800	<500	<400	<600	--	--
TP-8	8/12/1991	8-1	4	1000+	--	--	--	6.6	<0.5	2.9	<6.0	22	<25	<20	32	26	74	<200	<300	<200	<200	<200	<250	<300	<450	<150	<650	<800	<150	<800	<500	<400	<600	--	--
		8-2*	8	1000+	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8-3	12	1000+	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-9	8/12/1991	9-1	4	280	--	--	--	3.52	<0.5	1.4	<6.0	54	<25	38	183	13	41	<200	<300	<200	<200	<200	<250	<300	<450	<150	<650	<800	<150	<800	<500	<400	<600	--	--
		9-2*	8	180	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
(B-4 [1992])[4]		9-3	12	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-10	8/12/1991	10-1	4	1000+	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		10-2*	8	1000+	--	--	--	5.61	<0.5	5.1	<6.0	21	<25	<20	30	21	42	<400	<300	<200	<200	<200	<250	<300	<450	<150	<650	<800	<150	<800	<500	<400	<600	--	--
		10-3	12	1000+	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-11	8/12/1991	11-1	4	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		11-2*	8	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		11-3	12	800	--	--	--	4.29	<0.5	<0.5	<6.0	<15	<25	<20	<25	<25	<25	<400	<300	<200	<200	<200	<250	<300	<460	<150	<650	<800	<150	<800	<500	<400	<600	--	--
TP-12	8/12/1991	12-1	4	1000+	--	--	--	4.62	230	110	<6.0	579	<25	34	674	2100	3400	**1200000	**19000	*39000	*215000	<200	610	<300	<450	<150	<650	<800	<150	<800	<500	<400	<600	--	--
		12-2*	8	1000+	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
(HA-5 [1997])[4]		12-3	12	950	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NR 720 Groundwater Pathway RCL								--	250	250	5.5	2,900	--	1,500	4,100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NR 720 Direct Contact Pathway RCL								50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NR 746 Table 1 Soil Screening Values								--	--	--	8,500	4,600	--	38,000	42,000	85000	11000	2700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NR 746 Table 2 Direct Contact Values								--	--	--	1,100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1997 WDNR Interim Guidance Values (ug/kg) - Suggested RCLs																																			
***Groundwater Pathway**																		*400	*700	*38000	*100000	*1800	*3000000	*500000	*8700000	*17000	*37000	*360000	*870000	*48000	*38000	*6800000	*680000	*23000	*20000
****Non-Industrial Direct Contact-Ingestion**																		**60000	**18000	**900000	**600000	**18000	**5000000	**600000	**500000	**88	**8800	**88	**880	**8.8	**8.8	**1800	**88	**1100000	**600000
*****Non-Industrial Direct Contact-Inhalation**																		***20000	***51000	nd	nd	***160000	nd	nd	nd	***11000	***270000	***4600	***380000	***1600	***7800	***1100000	***54000	nd	nd

Notes:

[1] Table prepared from data in three Documents: August 1993 Robert E. Lee Site Investigation Report; January 1996 Fluid Management Remedial Option Report, and May 1998 Fluid Management Closure Request

[2] Soil sample collected in vicinity after 1991.

[3] Diesel Range Organics/Gasoline Range Organics

[4] MTBE = Methyl Tert Butyl Ether

[5] TMB = Trimethylbenzenes

[6] ND = Not detected above analytical method detection limit

* Based on a 8.0 to 12.0 depth to groundwater (4/00), samples collected below a depth of 8 feet do not meet the definition of soil in NR 700, represent saturated materials, and hence RCL values do not apply.

Soil Description:

CL = Clay

ML = Silt

SA = Sand

Field data

Boring No.	Date	Sample No.	Depth (feet)	PID/FID	Soil Description	Wet	Odor
B-1	4/21/1992	S-1	0.0 - 2.0	<1	Fill: Sa	--	--
		S-2	2.0 - 4.0	<1	RD SI CL	--	--
		S-3	4.0 - 6.0	<1	RD Clayey SA	Wet	--
		S-4*	6.0 - 8.0	<1	BR Interbed ML/CL	--	--
		S-5	8.0 - 10.0	<1	BR Interbed ML/CL	--	--
		S-6	10.0 - 12.0	<1	BR Interbed ML/CL	--	--
(TP-1)[4]		S-7	13.0 - 15.0	<1	BR SI CL	--	--
B-2	4/22/1992	S-1	0.0 - 2.0	<1	BR to BL Medium SI SA	--	--
		S-2	2.0 - 4.0	<1	RD SI CL	Wet	--
		S-3	4.0 - 6.0	<1	RD SI CL	Wet	--
		S-4*	6.0 - 8.0	<1	BR Interbed ML/CL	--	--
		S-5	8.0 - 10.0	<1	BR Interbed ML/CL	--	--
		S-6	10.0 - 12.0	2	RD BR SI CL	--	--
(TP-2)[4]		S-7	13.0 - 15.0	<1	RD BR SI CL	--	--
B-3	4/22/1992	S-1	0.0 - 2.0	<1	BR to BL Medium SI SA	--	--
		S-2	2.0 - 4.0	<1	RD SI CL	--	--
		S-3	4.0 - 6.0	<1	RD SI CL	--	--
		S-4*	6.0 - 8.0	<1	BR CL Medium SA	Moist	--
		S-5	8.0 - 10.0	<1	BR Interbed ML/CL	--	--
		S-6	10.0 - 12.0	<1	BR Interbed ML/CL	--	--
		S-7	13.0 - 15.0	<1	RD BR SI CL	--	--
B-4	4/22/1992	S-1	0.0 - 2.0	<1	BR to BL Medium SI CL	--	--
		S-2	2.0 - 4.0	<1	RD SI CL	--	--
		S-3	4.0 - 6.0	<1	BR Interbed ML/CL	--	--
		S-4*	6.0 - 8.0	<1	BR Interbed ML/CL	--	--
		S-5	8.0 - 10.0	<1	BR Interbed ML/CL	--	--
		S-6	10.0 - 12.0	<1	RD BR to BR SI CL	--	--
(TP-9)[4]		S-7	13.0 - 15.0	<1	RD BR to BR SI CL	--	--
B-5	4/22/1992	S-1	0.0 - 2.0	--	SI CL with SA and GR	--	--
		S-2	2.0 - 4.0	210	RD SI CL	--	--
		S-3	4.0 - 6.0	999+	BR Medium to Coarse SI CL	Wet	--
		S-4*	6.0 - 8.0	999+	BR Interbed ML/CL	Wet	--
		S-5	8.0 - 10.0	90	BR Interbed ML/CL	Wet	--
		S-6	10.0 - 12.0	110	BR Interbed ML/CL	Wet	--
		S-7	13.0 - 15.0	25	RD BR to BR SI CL	--	--
		S-8	15.0 - 17.0	25	RD BR to BR SI CL	--	--
B-6	4/22/1992	S-1	0.0 - 2.0	--	SI CL with SA and GR	--	--
		S-2	2.0 - 4.0	999+	SI CL with SA and GR	--	--
		S-3	4.0 - 6.0	999+	RD SI CL	Moist	--
		S-4*	6.0 - 8.0	999+	Br Medium SI SA	Wet	--
		S-5	8.0 - 10.0	880	BR Interbed ML/CL	Moist	--
		S-6	10.0 - 12.0	40	BR Interbed ML/CL	--	--
		S-7	13.0 - 15.0	25	RD BR to BR SI CL	--	--
		S-8	15.0 - 17.0	7	RD BR to BR SI CL	--	--
		S-9	17.0 - 19.0	4	RD BR to BR SI CL	--	--
B-7	4/22/1992	S-1	0.0 - 2.0	<1	BR SI CL	--	--
		S-2	2.0 - 4.0	<1	BR SI CL	--	--
		S-3	4.0 - 6.0	<1	RD BR CL Medium SA	Moist	--
		S-4*	6.0 - 8.0	<1	RD BR SI CL	--	--
		S-5	8.0 - 10.0	<1	BR Interbed ML/CL	--	--
		S-6	10.0 - 12.0	<1	BR Interbed ML/CL	--	--
(TP-5)[4]		S-7	13.0 - 15.0	<1	BR Interbed ML/CL	--	--
TMW-1R	12/15/1999	S-1	0.0-2.0	123	Fill: DK BR SI CL	Dry	Yes
		S-2	2.5-4.5	578	RD BR SI CL to DK BR SI CL	Moist	*
		S-3*	5.0-7.0	541	BR SI to SA SI	Moist	*
		S-4	7.5-9.5	334	BR SI to CL SI	Moist	*
		S-5	10.0-12.0	60	BR SI to CL SI	Moist	*
(TP-7)[4]		S-6	12.5-14.8	34	RD BR SI CL	Moist	No
MW-5	12/15/1999	S-1	0.0-2.0	<1	DK BR SI CL	--	No
		S-2	2.5-4.5	12	RD BR SI CL	Moist	*
		S-3*	5.0-7.0	4	BR SA SI	Moist	*
		S-4	7.5-9.5	<1	BR SI	Moist	*
		S-5	10.0-12.0	<1	BR SI	Wet	*
		S-6	12.5-14.5	<1	RD BR SI CL	Moist	*
STS-1	4/4/2000	S-1	0.0-2.0	<1	RD BR SI CL	--	No
		S-2	2.0-4.0	<1	RD BR SI CL	--	*
		S-3	4.0-6.0	<1	RD BR SI CL	Moist	*
(TP-3)[4]		S-4*	6.0-8.0	<1	RD BR SI CL	Wet	*

Analytical results (part 1)

Boring No.	Sample No.	Lead (mg/kg)	DRO[2] (mg/kg)	GRO[2] (mg/kg)	Benzene ug/kg	Ethylbenzene ug/kg	MTBE[3] ug/kg	Toluene ug/kg	Xylene ug/kg	1,2,4-TMB[3] ug/kg	1,3,5-TMB ug/kg	Naphthalene ug/kg
B-1	S-1	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--
	S-3	<2.86	1.2	<0.5	<6.0	<15	<25	<20	<25	<25	<25	<22
	S-4*	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--
	S-6											--
	S-7	--	--	--	--	--	--	--	--	--	--	--
B-2	S-1	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--
	S-3	<2.86	1.2	<0.5	<6.0	<15	<25	<20	<25	<25	<25	<22
	S-4*	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--
	S-6	--	--	--	--	--	--	--	--	--	--	--
	S-7	--	--	--	--	--	--	--	--	--	--	--
B-3	S-1	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--
	S-3	3.94	1.8	<0.5	<6.0	<15	<25	<20	<25	<25	<25	<22
	S-4*	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--
	S-6	--	--	--	--	--	--	--	--	--	--	--
	S-7	--	--	--	--	--	--	--	--	--	--	--
B-4	S-1	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--
	S-3	<2.86	1.3	<0.5	<6.0	<15	<25	<20	<25	<25	<25	<22
	S-4*	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--
	S-6	--	--	--	--	--	--	--	--	--	--	--
	S-7	--	--	--	--	--	--	--	--	--	--	--
B-5	S-1	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--
	S-3	<2.86	30	399	<6.0	28	<25	<20	62	670	72	385
	S-4*	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--
	S-6	--	--	--	--	--	--	--	--	--	--	--
	S-7	--	--	--	--	--	--	--	--	--	--	--
	S-8	<2.86	0.9	0.9	<6.0	<15	<25	<20	<25	<25	<25	<22
B-6	S-1	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--
	S-3	--	--	--	--	--	--	--	--	--	--	--
	S-4*	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--
	S-6	--	--	--	--	--	--	--	--	--	--	--
	S-7	--	--	--	--	--	--	--	--	--	--	--
	S-8	--	--	--	--	--	--	--	--	--	--	--
	S-9	3.75	0.9	<0.5	<6.0	<15	<25	<20	<25	<25	<25	<22
B-7	S-1	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--
	S-3	<2.87	<4.7	<3.5	<1.1	<3.5	<2.3	<5.5	<4.4	<6.2	<6.2	<45
	S-4*	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--
	S-6	--	--	--	--	--	--	--	--	--	--	--
	S-7	--	--	--	--	--	--	--	--	--	--	--
TMW-1R	S-1	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--
	S-3*	--	--	--	--	--	--	--	--	--	--	--
	S-4	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--
	S-6	--	--	--	--	--	--	--	--	--	--	--
MW-5	S-1	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--
	S-3*	--	--	--	--	--	--	--	--	--	--	--
	S-4	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--
	S-6	--	--	--	--	--	--	--	--	--	--	--
STS-1	S-1	NA	NA	NA	<9.0	<4.5	<22	21	46	35	<10	<17
	S-2	--	--	--	--	--	--	--	--	--	--	--
	S-3	--	--	--	--	--	--	--	--	--	--	--
	S-4*	--	--	--	--	--	--	--	--	--	--	<16
NR 720 Groundwater Pathway RCL		--	250	250	5.5	2,900	--	1,500	4,100	--	--	--
NR 720 Direct Contact Pathway RCL		50	--	--	--	--	--	--	--	--	--	--
NR 746 Table 1 Soil Screening Values		--	--	--	8,500	4,600	--	38,000	42,000	83000	11000	2700
NR 746 Table 2 Direct Contact Values		--	--	--	1,100	--	--	--	--	--	--	--
1997 WDNR Interim Guidance Values (ug/kg) - Suggested RCLs												
*Groundwater Pathway												*400
**Non-Industrial Direct Contact-Ingestion												**60000
***Non-Industrial Direct Contact-Inhalation												***20000

Analytical results (part 2, ug/kg)

Boring No.	Sample No.	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a) Anthracene	Chrysene	Benzo(b) Fluoranthene	Benzo(k) Fluoranthene	Benzo(a) Pyrene	Dibenzo(ah) Anthracene	Benzo(ghi) Perylene	Indeno (1,2,3-cd)Pyrene	1-Methyl-naphthalene	2-Methyl-naphthalene
B-1	S-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-3	<56	<22	<2.7	<7.5	<2.7	<7.5	<30	<18	<7.5	<7.5	<30	<33	<28	<33	<15		
	S-4*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-2	S-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-3	<56	<22	<2.7	<7.5	<2.7	<7.5	<30	<18	<7.5	<7.5	<30	<33	<28	<33	<15		
	S-4*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-3	S-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-3	<56	<22	<2.7	<7.5	<2.7	<7.5	<30	<18	<7.5	<7.5	<30	<33	<28	<33	<15		
	S-4*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-4	S-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-3	<56	<22	<2.7	<7.5	<2.7	<7.5	<30	<18	<7.5	<7.5	<30	<33	<28	<33	<15		
	S-4*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-5	S-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-3	<56	<22	181	103	<2.7	<7.5	237	<18	256	<7.5	<30	<33	<28	<33	<15		
	S-4*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-8	<56	<22	<2.7	<7.5	<2.7	<7.5	<30	237	<7.5	<7.5	<30	<33	<28	<33	<15		
B-6	S-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-4*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-9	<56	<22	<2.7	<7.5	<2.7	<7.5	<30	<18	<7.5	<7.5	<30	<33	<28	<33	<15	--	--
B-7	S-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-3	<129	<117	<48	<62	<86	<114	<86	<75	<56	<72	<59	<67	<44	<49	<56	<129	<48
	S-4*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TMW-1R	S-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-3*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	S-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-3*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
STS-1	S-1	<22	<19	<24	<19	<19	<14	<18	<34	<22	<18	<33	<18	<46	<36	<51	<21	<21
	S-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	S-4*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NR 720 Groundwater Pathway RCL		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NR 720 Direct Contact Pathway RCL		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NR 746 Table 1 Soil Screening Values		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NR 746 Table 2 Direct Contact Values		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1997 WDNR Interim Guidance Values (ug/kg) - Suggested RCLs																		
*Groundwater Pathway		*700	*38000	*100000	*1800	*3000000	*500000	*8700000	*17000	*37000	*360000	*870000	*48000	*38000	*6800000	*680000	*23000	*20000
**Non-Industrial Direct Contact-Ingestion		**18000	**900000	**600000	**18000	**5000000	**600000	**500000	**88	**8800	**88	**880	**8.8	**8.8	**1800	**88	**1100000	**600000
***Non-Industrial Direct Contact-Inhalation		***51000	nd	nd	**16000	nd	nd	nd	***11000	***270000	***4600	**38000	***1600	***7800	***1100000	***54000	nd	nd

Notes:
(1) Table prepared from data in three Documents: August 1993 Robert E. Lee Site Investigation Report; January 1996 Fluid Management Remedial Option Report, and May 1998 Fluid Management Closure Request
(4) Boring completed in vicinity of indicated 1991 Test Pit.
(2) Diesel Range Organics/Gasoline Range Organics
(3) MTBE = Methyl Tert Butyl Ether
(3) TMB = Trimethylbenzenes
(5) ND = Not detected above analytical method detection limit
* Based on a 8.0 to 12.0 depth to groundwater (4/00), samples collected below a depth of 8 feet do not meet the definition of soil in NR 700, represent saturated materials, and hence RCL values do not apply.
Soil Description:

CL = Clay
ML = Silt
SA = Sand

Table 1
Soil Field and Analytical Results[1]
Larsen Cooperative Company
Former Bulk Fuel Site
New London, Wisconsin

Boring No.	Date	Sample No.	Depth (feet)	PID/FID	Soil Description	Wet	Odor	Lead (mg/kg)	DRO[2] (mg/kg)	GRO[3] (mg/kg)	Benzene ug/kg	Ethylbenzene ug/kg	MTBE[4] ug/kg	Toluene ug/kg	Xylene ug/kg	1,2,4-TMB[5] ug/kg	1,3,5-TMB ug/kg	Naphthalene ug/kg	Acenaphthene ug/kg	Acenaphthene ug/kg	Fluorene ug/kg	Phenanthrene ug/kg	Anthracene ug/kg	Fluoranthene ug/kg	Pyrene ug/kg	Benzo(a) Anthracene ug/kg	Chrysene ug/kg	Benzo(b) Fluoranthene ug/kg	Benzo(k) Fluoranthene ug/kg	Benzo(a) Pyrene ug/kg	Dibenzo(ah) Anthracene ug/kg	Benzo(ghi) Perylene ug/kg	Indeno (1,2,3-cd)Pyrene ug/kg	1-Methyl-naphthalene ug/kg	2-Methyl-naphthalene ug/kg
HA-1	12/4/1997	–	2.0	ND	–	–	–	–	–	–	<25	<25	<25	<25	<50	<25	<25	<16	<17	<16	<19	24	<14	27	21	18	22	20	17	**21	<22	16	<15	<19	<17
HA-2	12/4/1997	–	2.0	ND	–	–	–	–	–	–	<25	<25	<25	<25	<50	<25	<25	19	<16	<15	<18	<16	<14	<15	<15	<13	<14	<16	<15	<13	<21	<15	<15	<18	43
HA-3	12/4/1997	–	2.0	9.4	–	–	–	–	–	–	500	4,500	<310	<310	15,630	38,000	16,000	*5100	<160	1,600	2,800	*4700	<130	<150	380	<130	<130	<150	<140	<120	<210	<150	<140	13,000	15,000
HA-4	12/4/1997	–	2.0	8.6	–	–	–	–	–	–	<25	<25	<25	<25	<50	<25	<25	<17	<17	<16	<19	<17	<15	<16	<16	<14	<15	<17	<15	<14	<23	<16	<15	<19	<18
HA-5	12/4/1997	–	2.0	ND	–	–	–	–	–	–	<25	<25	<25	<25	<50	<25	<25	<18	<18	<17	<20	<18	<16	<17	<17	<15	<16	<18	<17	<15	<24	<17	<17	<20	<19
HA-6	12/4/1997	–	2.0	ND	–	–	–	–	–	–	<25	<25	<25	<25	<50	<25	<25	<17	<17	<16	<19	<17	<15	<16	<16	<14	<15	<17	<15	<13	<23	<16	<15	<19	<18
HA-7A	9/11/2001	–	0.0 - 2.0	32.3	Fill: BR SL CL, TR OR & Topsoil	Moist	Slight	–	–	–	49	115	<22	223	606	600	315	633	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HA-7B	9/11/2001	–	2.0 - 4.0	15	BR SL CL	Moist	Slight	–	–	–	33	87	<22	32	216	703	440	281	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HA-8A	9/11/2001	–	0.0 - 2.0	107.8	Fill: BR-BK SL SA CL, TR Topsoil	Moist	Strong	–	–	–	2890	22400	<440	1060	89500	94300	35300	**68500	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HA-8B	9/11/2001	–	2.0 - 4.0	59.1	BR SL CL	Moist	Strong	–	–	–	4010	27300	<440	700	94800	87700	30000	*53900	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HA-9A	9/11/2001	–	0.0 - 2.0	18.1	Fill: BR-BK SL SA CL, SO OR & Topsoil	Moist	Slight	–	–	–	18	49	<44	97	602	3840	810	**9640	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HA-9B	9/11/2001	–	2.0 - 4.0	15.5	RD BR SL CL	Moist	Slight	–	–	–	11	26	<22	70	203	1300	498	**8330	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HA-10A	9/11/2001	–	0.0 - 2.0	5.1	Fill: BR SL CL, TR OR & Topsoil	–	ND	–	–	–	11	17	<22	51	146	85	47	175	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HA-10B	9/11/2001	–	2.0 - 4.0	3.5	BR SL CL	–	ND	–	–	–	<9.0	<4.5	<22	<4.2	<19	<9.9	<10	<11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HA-11A	5/31/2002	–	0.0 - 2.0	20	Fill: BR SL CL, TR OR & Topsoil	Moist	Slight	–	–	–	40	53	<25	290	580	220	56	470	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HA-11B	5/31/2002	–	2.0 - 4.0	<10	BR SL CL	Moist	Slight	–	–	–	<25	<25	<25	<25	<75	<25	<25	<25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HA-12A	5/31/2002	–	0.0 - 2.0	40	Fill: BR SL CL, TR OR & Topsoil	Moist	Strong	–	–	–	<25	<25	<25	<25	<75	110	71	600	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HA-12B	5/31/2002	–	2.0 - 4.0	35	BR SL CL	Moist	Strong	–	–	–	<25	<25	<25	<25	<75	260	200	1100	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NR 720 Groundwater Pathway RCL								–	250	250	5.5	2,900	–	1,500	4,100	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NR 720 Direct Contact Pathway RCL								50	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NR 746 Table 1 Soil Screening Values								–	–	–	8,500	4,600	–	38,000	42,000	83000	11000	*2700	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NR 746 Table 2 Direct Contact Values								–	–	–	1,100	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1997 WDNR Interim Guidance Values (ug/kg) - Suggested RCLs																																			
*Groundwater Pathway																		*400	*700	*38000	*100000	*1800	*3000000	*500000	*8700000	*17000	*37000	*360000	*870000	*48000	*38000	*6800000	*680000	*23000	*20000
**Non-Industrial Direct Contact-Ingestion																		**60000	**18000	**900000	**600000	**18000	**5000000	**600000	**500000	**88	**8800	**88	**880	**8.8	**8.8	**1800	**88	**1100000	**600000
***Non-Industrial Direct Contact-Inhalation																		***20000	***51000	nd	nd	***160000	nd	nd	nd	***11000	***270000	***4600	***380000	***1600	***7800	***1100000	***54000	nd	nd

Notes:

[1]Table prepared from data in three Documents: August 1993 Robert E. Lee Site Investigation Report; January 1996 Fluid Management Remedial Option Report, and May 1998 Fluid Management Closure Request

[2] Boring completed in vicinity of indicated 1991 Test Pit.

[3] Diesel Range Organics/Gasoline Range Organics

[4]MTBE = Methyl Tert Butyl Ether

[5]TMB = Trimethylbenzenes

[6]ND = Not detected above analytical method detection limit

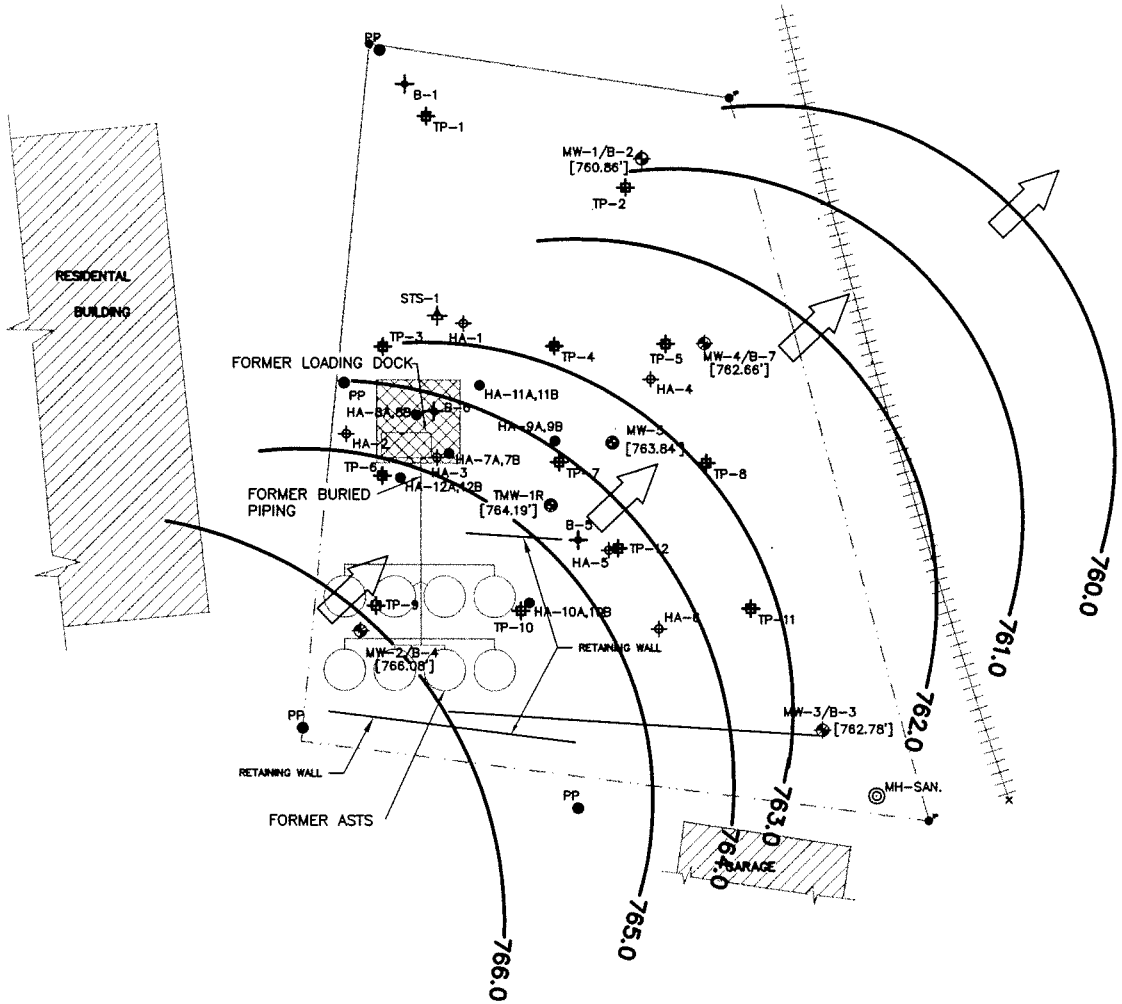
* Based on a 8.0 to 12.0 depth to groundwater (4/00), samples collected below a depth of 8 feet do not meet the definition of soil in NR 700, represent saturated materials, and hence RCL values do not apply.

Soil Description:

CL = Clay

ML = Silt

SA = Sand



LEGEND

- PROPERTY LINE
- GROUND SURFACE SPOT ELEVATION
- APPROXIMATE LOCATION FORMER LOADING RACK
- APPROXIMATE LOCATION FORMER ASTS
- APPROXIMATE LOCATION FORMER BURIED PRODUCT LINES
- HAND AUGER LOCATIONS
- TEST PIT (REL 1991)
- SOIL BORING (REL 1992)
- SOIL BORING/MONITORING WELL (REL 1992)
- HAND AUGER BORING (FMI 1997)
- TMW-1R STS MONITORING WELL (1999)
- STS HAND AUGER (2000)
- APRROXIMATE GROUNDWATER FLOW DIRECTION
- AREA OF DIRECT CONTACT PERFORMANCE CAP

N

SCALE IN FEET

30' 0 30'

STS CONSULTANTS
558 North Main Street
Oshkosh, WI 54901
920-235-0270
www.stsconsultants.com
Copyright ©2005, By: STS Consultants, Ltd.

APRIL 2000 GROUNDWATER CONTOUR MAP
LARSEN COOPERATIVE COMPANY
FORMER ABOVE GROUND STORAGE TANK PLANT
NEW LONDON, WISCONSIN

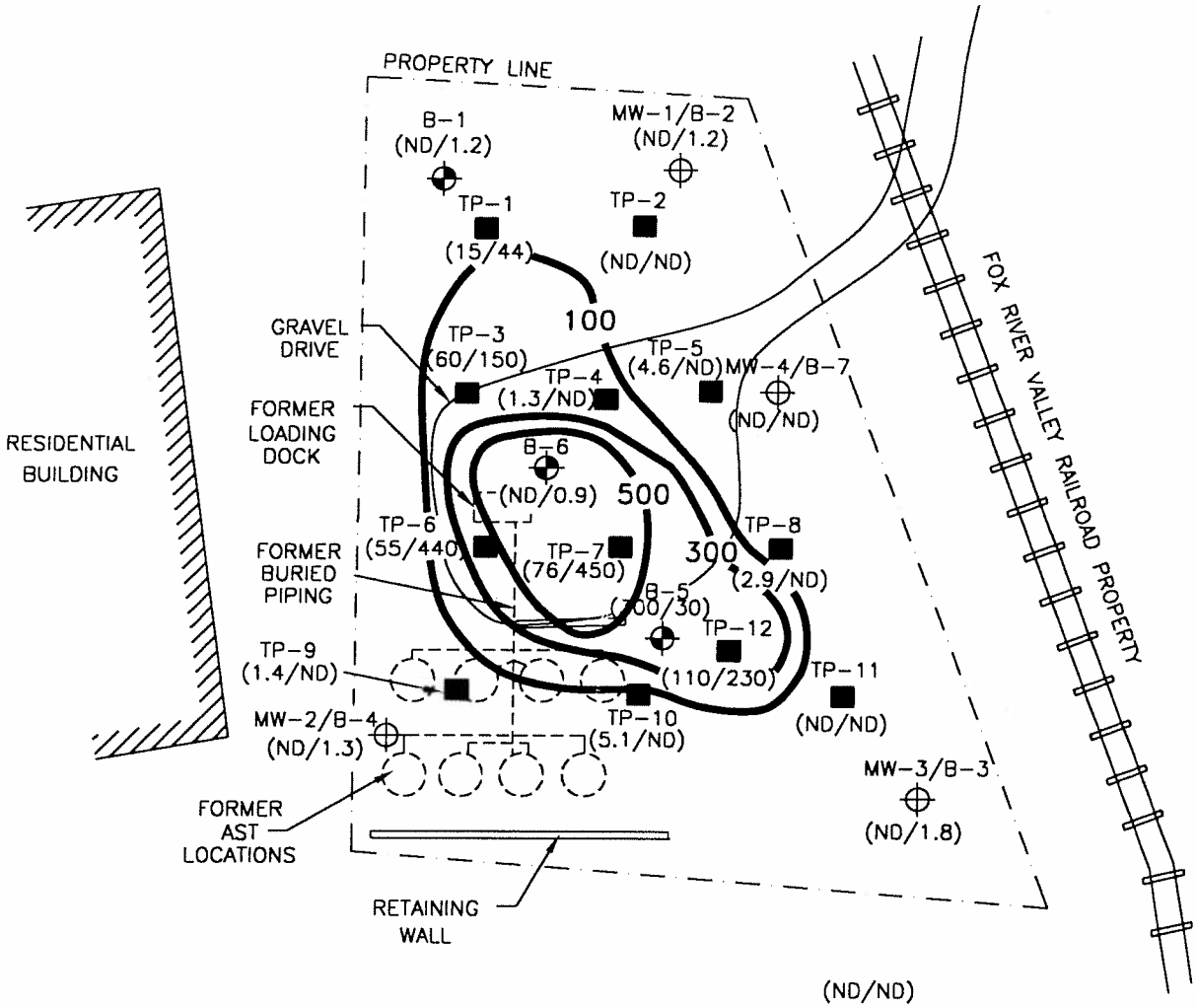
Drawn:	CFS	12/09/2005
Checked:	AGM	12/12/2005
Approved:	AGM	12/12/2005
PROJECT NUMBER	25453W	
FIGURE NUMBER	5	

TABLE 3
GROUNDWATER FIELD DATA SUMMARY
LARSEN COOPERATIVE COMPANY
FORMER BULK PLANT SITE
NEW LONDON, WISCONSIN

Monitoring Well	Date Sampled	Water Level TPVC (feet)	TPVC Elevation* (feet)	Water Elevation* (feet)	Dissolved Oxygen Pre-Purge (mg/l)	Dissolved Oxygen Post-Purge (mg/l)	Ferris Iron (mg/l)	pH (standard units)	Specific Conductance (umho/cm@25^{0}C)	Temperature ^{0}F	Color	Odor
MW-1	1/13/2000	11.90	771.15	759.25	--	--	--	--	--	--	--	--
	4/4/2000	10.29	771.15	760.86	2	2	<0.1	6.43	720	47	--	None
MW-2	1/13/2000	11.65	773.93	762.28	2	3	<0.1	5.93	670	49	--	None
	4/4/2000	7.85	773.93	766.08	2	2	<0.1	6.04	580	45	--	None
MW-3	1/13/2000	10.30	771.39	761.09	2	3	<0.1	6.45	830	48	--	None
	4/4/2000	8.61	771.39	762.78	2	3	<0.1	6.27	560	45	--	None
MW-4	1/13/2000	10.26	771.31	761.05	1	2	<0.1	7.18	1,020	52	--	None
	4/4/2000	8.65	771.31	762.66	2	3	<0.1	6.41	610	45	--	None
MW-5	1/13/2000	10.82	772.26	761.44	1	1	<0.1	6.00	830	52	--	None
	4/4/2000	8.42	772.26	763.84	1	1	2 - 3	6.20	830	46	--	None
TMW-1R	1/13/2000	11.05	772.76	761.71	1	3	0.5	6.08	810	50	--	Yes
	4/4/2000	8.57	772.76	764.19	1	1	6.0	6.47	800	44	--	Slight

LEGEND

- MONITORING WELL BY REL (4/92 AND 11/92)
- SOIL BORING BY REL (4/92 AND 11/92)
- TEST PIT BY REL (8/91)
- (ND) NOT DETECTED
- (GRO/DRO) GASOLINE RANGE ORGANICS/ DIESEL RANGE ORGANICS BOTH IN ppm
- 100 GRO/DRO NR720 SOIL CLEANUP STANDARD ISOCONTOUR



Fluid Management
A Division of ENVIROGEN, Inc.

SCALE

0 10' 20' 30' 40'

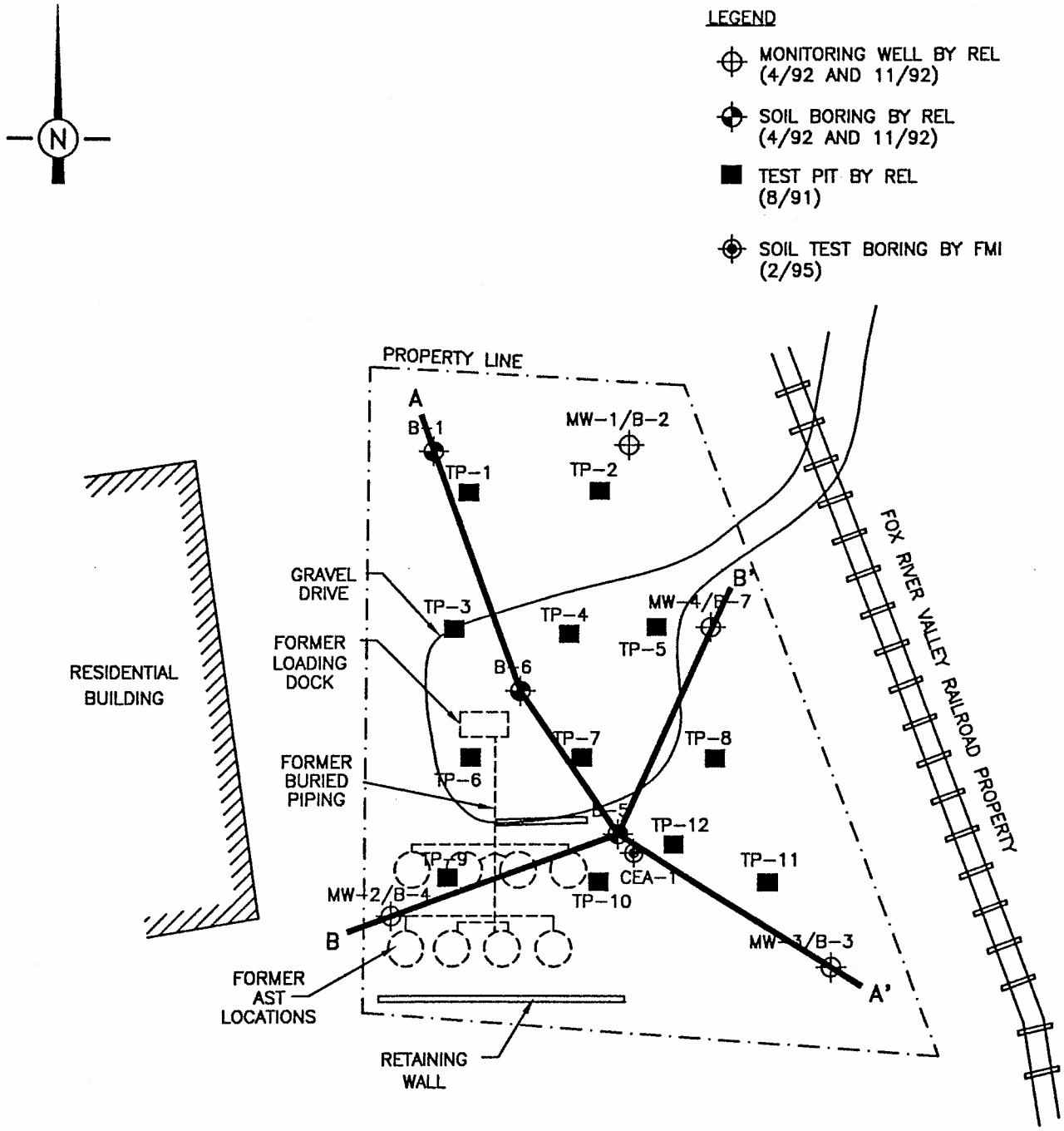
Total Petroleum Hydrocarbon Distribution Map
New London Cooperative Site
New London, Wisconsin

FIGURE NO.

5

THE INTERPRETATIONS IN THIS FIGURE ARE BASED ON KNOWN POINTS IN TIME AND SPACE AND ARE INTEGRAL TO A WRITTEN REPORT AND SHOULD BE REVIEWED IN THAT CONTEXT.

DRAWING NO.	DRAWN BY:	CHECKED BY:	APPROVED BY:
93.914L5	LME 4/16/98	5/13/98	5/13/99



SCALE

0 10' 20' 30' 40'

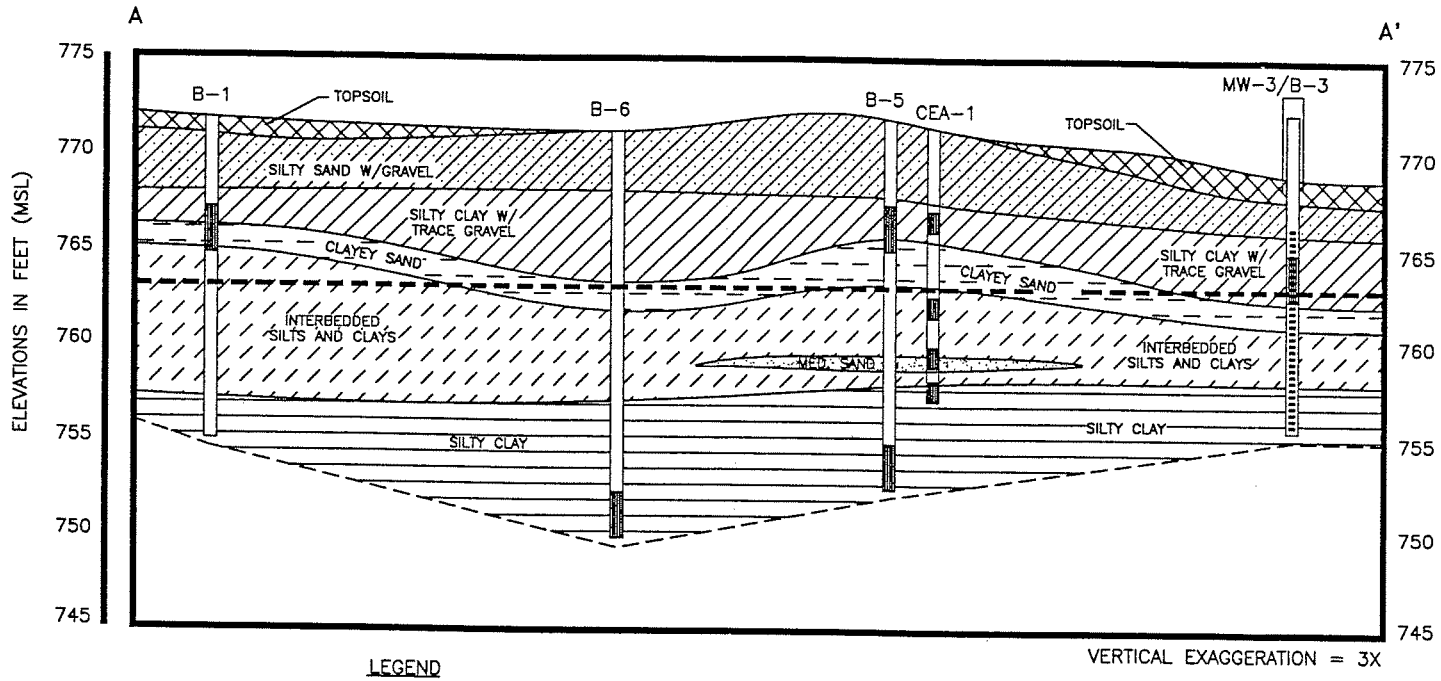
THE INTERPRETATIONS IN THIS FIGURE ARE BASED ON KNOWN POINTS IN TIME AND SPACE AND ARE INTEGRAL TO A WRITTEN REPORT AND SHOULD BE REVIEWED IN THAT CONTEXT.

Fluid Management, Inc.

FIGURE 3.1
GEOLOGIC CROSS-SECTION
PLAN VIEW
NEW LONDON COOPERATIVE SITE
NEW LONDON, WISCONSIN

DRAWING NO.	DRAWN BY:	CHECKED BY:	APPROVED BY:
93.914_31	KMA 1/30/96	1/31/96	ATE 2/1/96

DRAWING NO.	93.914_32	DRAWN BY:	KMA	1/30/96	CHECKED BY:	CAF	1/31/96	APPROVED BY:	ATE	2/1/96



LEGEND

- - - - GROUNDWATER TABLE (5/4/94)

INTERVAL COLLECTED FOR SOIL LABORATORY ANALYSIS

MONITORING WELL SCREENED INTERVAL

NOTES CROSS-SECTIONAL DATA OBTAINED FROM REL 1991 AND REL 1993 REPORTS -EXCEPT FOR INFORMATION INTERPRETED FROM FMI BORING, CEA-1.

SCALE

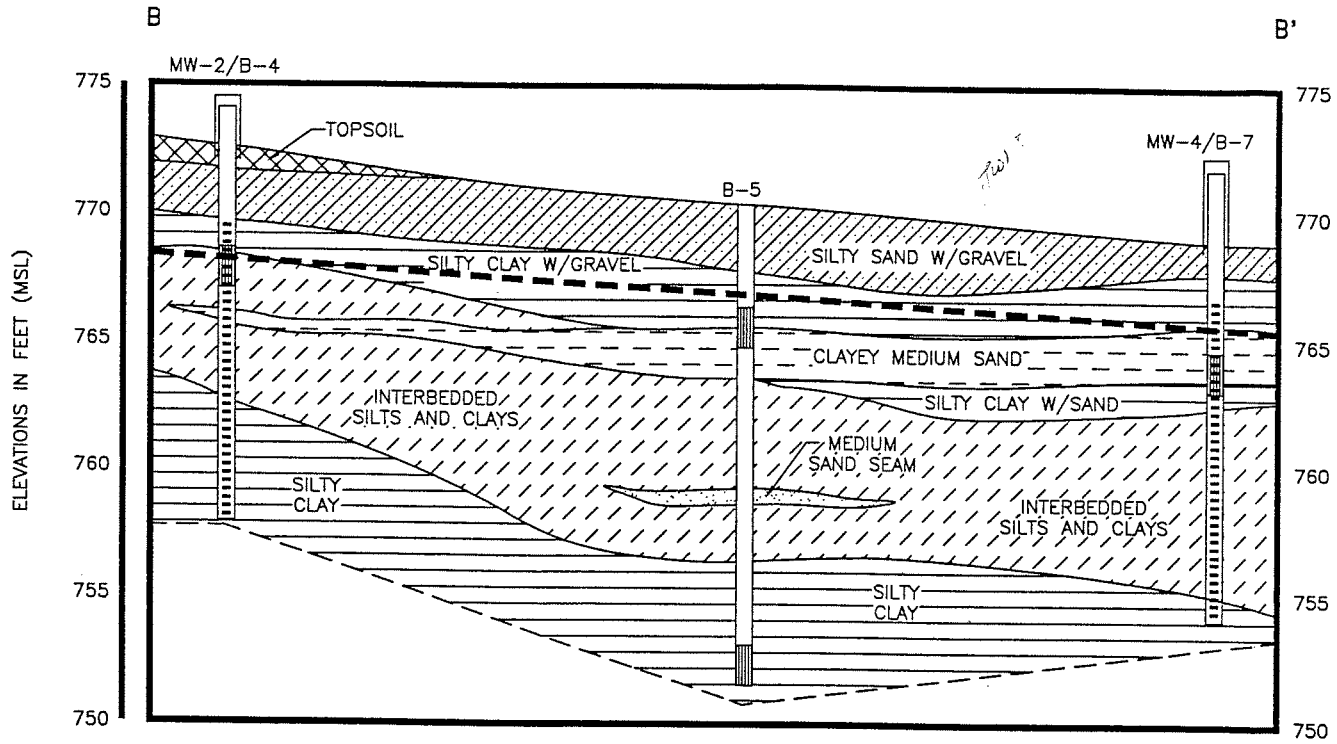
0 10' 20'

THE INTERPRETATIONS IN THIS FIGURE ARE BASED ON KNOWN POINTS IN TIME AND SPACE AND ARE INTEGRAL TO A WRITTEN REPORT AND SHOULD BE REVIEWED IN THAT CONTEXT.

Fluid Management, Inc.

FIGURE 3.2
GEOLOGIC CROSS-SECTION A-A'
NEW LONDON COOPERATIVE SITE
NEW LONDON, WISCONSIN

DRAWING NO.	93.914_33	DRAWN BY:	KMA	1/30/96	CHECKED BY:	CDS	1/31/96	APPROVED BY:	ATE	2/1/96



LEGEND

VERTICAL EXAGGERATION = 3X

GROUNDWATER TABLE (5/4/94)

MONITORING WELL SCREENED INTERVAL

SOIL SAMPLE INTERVALS COLLECTED FOR LABORATORY ANALYSIS

NOTE: CROSS-SECTIONAL DATA OBTAINED FROM REL 1991 AND REL 1993 REPORTS

SCALE

0 5' 10' 15'

THE INTERPRETATIONS IN THIS FIGURE ARE BASED ON KNOWN POINTS IN TIME AND SPACE AND ARE INTEGRAL TO A WRITTEN REPORT AND SHOULD BE REVIEWED IN THAT CONTEXT.

Fluid Management, Inc.

FIGURE 3.3
GEOLOGIC CROSS-SECTION B-B'
NEW LONDON COOPERATIVE SITE
NEW LONDON, WISCONSIN

Date: 1/06/06

Larsen Cooperative Company Property Legal Description, East Beacon Avenue, City of New London, Outagamie County, Wisconsin
– WDNR ERP Case # 03-69-001348 - STS Project No. 4-25453W

I have reviewed the attached warranty deed and property description for the subject property located at East Beacon Avenue in the City of New London, Wisconsin. To the best of my knowledge, the attached warranty deed and legal description describe the subject property.

Tim Wenzel
Larsen Cooperative Company