GIS REGISTRY INFORMATION

SITE NAME:	Thilmany Pulp & Paper Solvent Release						
BRRTS #:	02-45-000194	**FID # (**if appropriate**):**					
COMMERCE # (if appropriate**):**							
CLOSURE DATE:	11/30/2006						
STREET ADDRESS:	600 Thilmany Rd						
CITY:	Kaukauna						
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection)**:**	**X=**	659603	**Y=**	424925			
CONTAMINATED MEDIA:	Groundwater		Soil		Both	x	
OFF-SOURCE GW CONTAMINATION >ES:		**Yes**		x	**No**		
IF YES, STREET ADDRESS 1:							
GPS COORDINATES (meters in WTM91 projection)**:**	**X=**		**Y=**				
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):		**Yes**		x	**No**		
IF YES, STREET ADDRESS 1:							
GPS COORDINATES (meters in WTM91 projection)**:**	**X=**		**Y=**				
CONTAMINATION IN RIGHT OF WAY:		**Yes**		x	**No**		

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter or denial letter issued	x
Copy of any maintenance plan referenced in the final closure letter.	x
Copy of (soil or land use) deed notice *if any required as a condition of closure*	na
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 #32-2-0740-00	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 SEE DIAGRAM	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**)**	x
RP certified statement that legal descriptions are complete and accurate	x
Copies of off-source notification letters (if applicable)	na
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	na

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Ronald W. Kazmierczak, Regional Director

Oshkosh Service Center
625 East County Road Y, STE. 700
Oshkosh, WI 54901-9731
TELEPHONE 920-424-3050
FAX 920-424-4404

November 30, 2006

Mr. Tom Jayne
Thilmany LLC
600 Thilmany Road
Kaukauna WI 54130

SUBJECT: Final Case Closure with Land Use Limitations or Conditions
Thilmany Pulp & Paper, 600 Thilmany Rd, Kaukauna, Wisconsin
WDNR BRRTS Activity # 02-45-000194

Dear Mr. Jayne:

On November 2, 2006, the Regional Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wisconsin Administrative 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. It is the Department's intent to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met.

Pursuant to s. 292.12(2)(a), Wis. ~~St~~ats., the asphalt barrier that currently exists in the location shown on the attached map shall be maintained in compliance with the attached maintenance plan in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code. If soil in the specific locations described above is excavated in the future, 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 statutes 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 during excavation activities to prevent a health threat to humans.

The following activities are prohibited on any portion of the property where pavement is required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites for soil contamination remaining at MW-109 and groundwater contamination remaining at MW-101AR, MW-105, MW-108 and MW-109. 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.

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 Casey Jones in Oshkosh at 920-303-5424.

Sincerely,

Bruce G. Urben
Northeast Region Remediation & Redevelopment Team Supervisor

Enclosures: Cap plan & map

Ecc: B. Mottl, STS
Jennifer Borski, WDNR Project Manager

PAVEMENT COVER MAINTENANCE PLAN

Date:	November 2006
Property Located at:	Thilmany, LLC 600 Thilmany Road P.O. 600 Kaukauna, Wisconsin 54130
WDNR BRRTS No.	02-45-000194
Parcel ID No.	32-2-0740-00

Introduction

This document is the Maintenance Plan for a pavement cover at the above-referenced property in accordance with the requirements of s.NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing asphalt surfaces occupying the area over the contaminated groundwater plume and soil on site. The contaminated groundwater plume or soil is impacted by cis- and trans-1,2-dichloroethene, toluene, and vinyl chloride. The location of the paved surfaces to be maintained in accordance with this Maintenance Plan, as well as the impacted groundwater plume and soil, are identified on the attached map (Exhibit A - Site Boundary Description).

Cover and Building Barrier Purpose

Paved surfaces over the contaminated groundwater plume and soil serve as a partial infiltration barrier to minimize future soil-to-groundwater contamination migration that would violate groundwater standards in Chapter NR 140, Wisconsin Administrative Code. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

Annual Inspection

Paved surfaces overlying the contaminated groundwater plume or soil, as depicted in Exhibit A, will be inspected once a year, normally in the spring after all snow and ice are gone, for deterioration, cracks, and other potential problems that can cause additional infiltration into, or exposure to, underlying soils. Inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age, and other factors. Any area where soils have become or are likely to become exposed will be documented. A log of the inspections and any repairs will be maintained by the property owner and is included as Exhibit B - Barrier Inspection Log. The log will include recommendations for necessary repair of any areas where ~~u~~nderlying soils are exposed. Once repairs are completed, they will be documented in the inspection log.

Maintenance Activities

If problems are noted during annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling operations or they can include larger resurfacing or construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the soil impacts and provide them with appropriate Personal Protection Equipment. The owner must also sample any soil excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored, and disposed of by the owner in accordance with applicable local, state, and federal law.

In the event the paved surfaces and/or building overlying the contaminated groundwater plume and/or soil are removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in the Maintenance Plan unless indicated otherwise by the WDNR or its successor.

The property owner, in order to maintain the integrity of the paved surfaces, will maintain a copy of this Maintenance Plan on site and make it available to all interested parties (i.e. on-site employees, contractors, future property owners, etc.) for viewing.

Amendment or Withdrawal of Maintenance Plan

This Maintenance Plan can be amended or withdrawn by the property owner and its successors with written approval of the WDNR.

Contact Information

Date:	November 2006
Site Owner and Operator:	Thilmany, LLC 600 Thilmany Road P.O. Box 600 Kaukauna, Wisconsin 54130 Phone: 920-766-8656
Consultant:	STS Consultants, Ltd. 1035 Kepler Drive Green Bay, Wisconsin 54311 Phone: 920-468-1978
WDNR:	Ms. Jennifer Borski Wisconsin Department of Natural Resources 625 East County Road Y, Suite 700 Oshkosh, Wisconsin 54901-9731 Phone: 920-424-7887

-EXHIBIT A (page 1 of 2)-

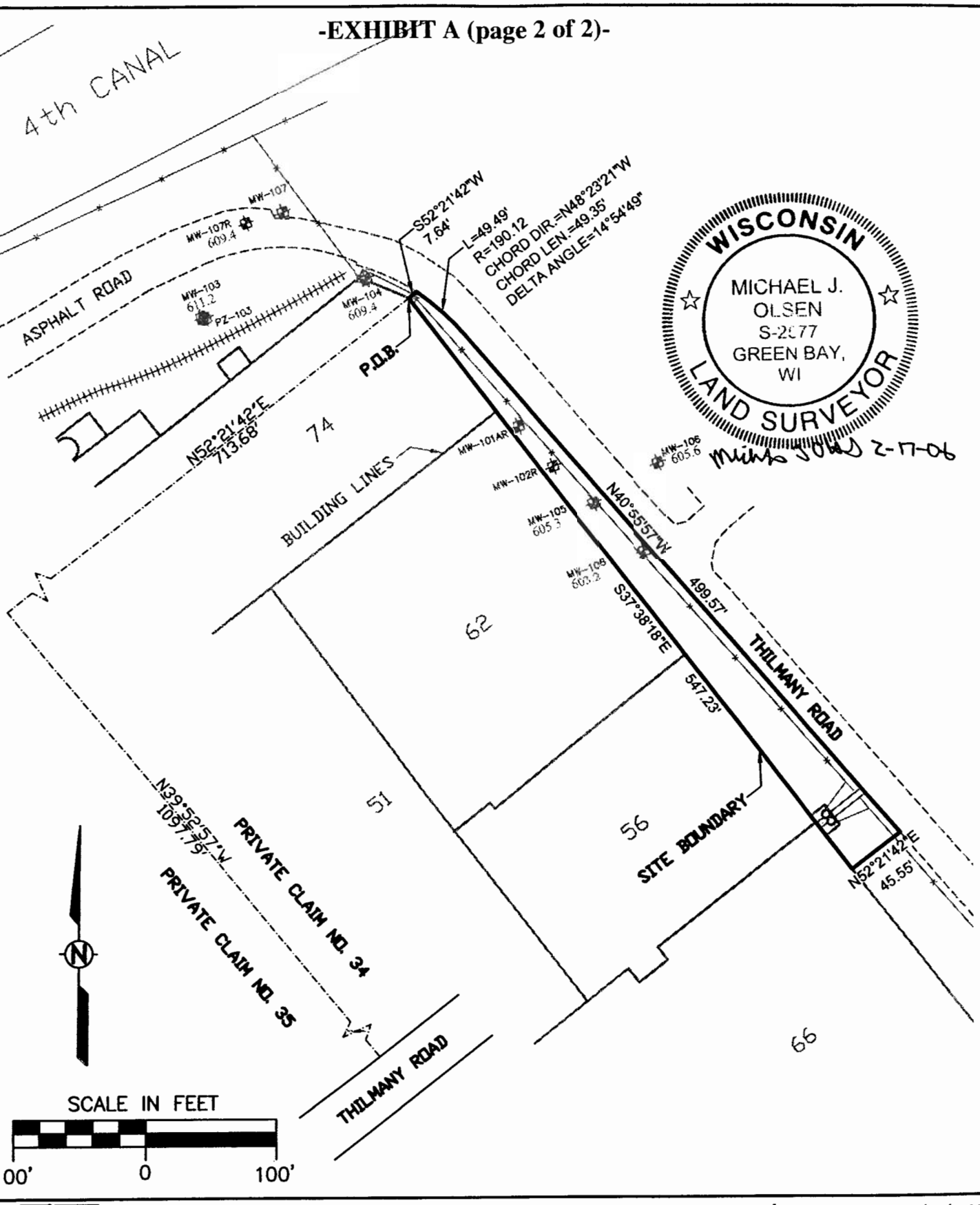
THILMANY, LLC.
SOLVENT RELEASE SITE
SITE BOUNDARY DESCRIPTION

A parcel of land located in Private Claim 34, North Side Fox River, City of Kaukauna, Outagamie County, Wisconsin. Being more particularly described as follows:

Commencing at the intersection of the Southwest boundary of Private Claim 34 and the Northwest Right-of-Way of Thilmany Road; Thence along the Southwest boundary of Private Claim 34 N39°52'57"W, 1097.79 feet; Thence N52°21'42"E, 713.68 feet to the Point of Beginning; Thence S37°38'18"E, 547.23 feet; Thence N52°21'42"E, 45.55 feet; Thence N40°55'57"W, 499.57 feet; Thence 49.49 feet along the arc of a curve to the left with a radius of 190.12 feet and a chord bearing N48°23'21"W, 49.35 feet; Thence S52°21'42"W, 7.64 feet to the Point of Beginning. Said parcel contains 16,205.98 square feet or 0.3720 acres more or less.

Michael J Olsen 2-17-06

-EXHIBIT A (page 2 of 2)-



STS CONSULTANTS
1035 Kepler Drive
Green Bay, WI 54311
920-468-1978
www.stsconsultants.com

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THILMANY, LLC.
KAUKAUNA, WISCONSIN
SOLVENT RELEASE SITE
SITE BOUNDARY DESCRIPTION

Drawn:	CDH	02/16/2006
Checked:	MJO	02/16/2006
Approved:	RJM	02/16/2006
PROJECT NUMBER	427463A	
FIGURE NUMBER	1	

X:\PROJECTS\427463A\Dwg\G427463A-SOLVENT_SPILL_SITE_DEED_RISTR.dwg, Layout1, 2/16/2006 10:43:27 AM, hansen

EXHIBIT B
Barrier Inspection Log

Inspection Date	Inspector	Condition of Cap	Recommendations	Have Recommendations from previous inspection been implemented?

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Ronald W. Kazmierczak, Regional Director

Oshkosh Service Center
625 East County Road Y, STE. 700
Oshkosh, WI 54901-9731
TELEPHONE 920-424-3050
FAX 920-424-4404

November 8, 2006

TOM JAYNE
THILMANY LLC
600 THILMANY RD
KAUKAUNA WI 54130

SUBJECT: Conditional Closure Decision with Requirements to Achieve Final Closure
Thilmany Pulp & Paper, 600 Thilmany Rd, Kaukauna, Wisconsin
WDNR BRRTS Activity # 02-45-000194

Dear Mr. Jayne:

On November 2, 2006, the Regional Closure Committee reviewed your request for closure of the case described above. The Closure Committee 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 Closure Committee has determined that the solvent contamination on the site adjacent to building #62 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 and will be closed if the following conditions are satisfied:

MONITORING WELL ABANDONMENT
The monitoring wells, MW-104, MW-105, MW-106, MW-108 and MW-109 at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to the Department on Form 3300-5B found at www.dnr.state.wi.us/org/water/dwg/gw/ or provided by the Department of Natural Resources.

PURGE WATER, WASTE AND SOIL PILE REMOVAL
Any remaining purge water, waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Once that work is completed, please send appropriate documentation regarding the treatment or disposal of the remaining purge water, waste and/or soil piles.

CAP MAINTENANCE PLAN
Submit a final cap maintenance plan to maintain the cover over remaining soil and groundwater contamination. A draft maintenance plan was submitted in attachment D of the March 2006 request for closure that should be updated. Soil data does not support the need for a direct contact cap. Inspection logs should not be submitted to the Department, rather, stored at the facility for Department review upon request.

When the above conditions have been satisfied, please submit the appropriate documentation (for example, well abandonment forms, disposal receipts, copies of correspondence, etc.) to

verify that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites for soil contamination remaining at MW-109 and groundwater contamination remaining at MW-101AR, MW-105, MW-108 and MW-109. Information that was submitted with your closure request application will be included on the GIS Registry. To review the site on the GIS Registry web page, visit http://maps.dnr.state.wi.us/brrts.

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

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at the number below.

Sincerely,

Jennifer Borski

Jennifer Borski
Hydrogeologist
Bureau for Remediation & Redevelopment
(920) 424-7887

Electronic Copy: B. Mottl, STS

FIDELITY NATIONAL TITLE INSURANCE COMPANY OF NEW YORK

COMMITMENT

LEGAL DESCRIPTION
EXHIBIT "A"

File No.: NYN01-5860WI
Commitment No.: ATI-15360

PARCEL I:

All that part of Block "A", Private Claim 33, according to the recorded Assessor's Map of the City of Kaukauna, Outagamie County, Wisconsin and the reclaimed land lying Southeasterly thereof, described as follows:

COMMENCING at the intersection of the Southwesterly line of Private Claim 33 with the U.S. Government property line being South of the U.S. Government Canal;

THENCE South 40 degrees 16 minutes East, along the Southwesterly line of Private Claim 33, 425.00 feet to the true point of BEGINNING;

THENCE North 50 degrees 41 minutes East, 300.00 feet to a point;

THENCE North 40 degrees 16 minutes West, 50.00 feet to a point;

THENCE North 49 degrees 44 minutes East, 400.00 feet to a point;

THENCE North 40 degrees 16 minutes West, 204.00 feet to a point on the U.S. Government property line being South of the U.S. Government Canal;

THENCE Northeasterly along the U.S. Government property line to a U.S. Iron being East of the waste weir and South of the Kaukauna Fifth Lock (which point is the most Northeasterly point in the U.S. Government property line lying South of the U.S. Government Canal);

THENCE South 26 degrees 10 minutes 50 seconds East, 70.40 feet to the Old Bank of the Fox River;

THENCE South 59 degrees 23 minutes East, to the New Bank of the Fox River as established by Ordinance No. 545 adopted by the City of Kaukauna and approved by the Public Service Commission of Wisconsin;

THENCE Southwesterly on and along said New Bank of the Fox River to its intersection with the Southwesterly line of Private Claim 33 extended;

FIDELITY NATIONAL TITLE INSURANCE COMPANY OF NEW YORK

COMMITMENT

LEGAL DESCRIPTION
(continued)

File No.: NYN01-5860WI
Commitment No.: ATI-15360

THENCE North 40 degrees 16 minutes West, along the Southwesterly line of Private Claim 33 to the point of BEGINNING. Less public highway; also subject to an easement for sewer purposes granted to the City of Kaukauna. Except those premises conveyed in Doc. No. 720406 at Vol. 1038 Records, Page 15.

AND;

Part of Block "A", Private Claim 33, according to the recorded Assessor's Plat of the City of Kaukauna, Outagamie County, Wisconsin and the reclaimed land lying Southeast thereof, described as follows:

COMMENCING at the U.S. Iron on the U.S. Government property line being East of the Waste Weir and South of the Kaukauna Fifth Lock (which point is the most Northeasterly point of the U.S. Government property line being South of the U.S. Government Canal);

THENCE South 26 degrees 10 minutes 15 seconds East, along the U.S. Government property line, 70.0 feet, more or less to the original North bank of the Fox River and the true point of BEGINNING;

THENCE South 59 degrees 23 minutes East, 632.78 feet to a point on the new shoreline of the Fox River as established by Ordinance No. 545 adopted by the City of Kaukauna and approved by the Public Service Commission of Wisconsin;

THENCE North 30 degrees 37 minutes East, along said new Shore line, 283.10 feet to a point;

THENCE continuing in a Northerly direction along the curved new shore line (having a radius of 230.90 feet with its center toward the Southwest and a chord 422.11 feet in length bearing North 35 degrees 27 minutes 15 seconds West) a distance of 532.51 feet to a point;

THENCE South 71 degrees 34 minutes West, 40.00 feet to a point on the original shore line of the Fox River;

THENCE Southwesterly, along the original shore line of the Fox River, to the point of BEGINNING.

Less and excepting therefrom Parcels I and II described in Jacket 16336, Image 2.

Tax Parcel No. 32-2-0728-00

FIDELITY NATIONAL TITLE INSURANCE COMPANY OF NEW YORK

COMMITMENT

LEGAL DESCRIPTION
(continued)

File No.: NYN01-5860WI
Commitment No.: ATI-15360

PARCEL II:

All of Lots Five (5), Six (6), Seven (7), Eight (8), Nine (9), and Ten (10) and that part of Lots Eleven (11), Twelve (12), and Thirteen (13) lying North of a line described in Vol. 514 Deeds, Page 255, all in Block Fifty-five (55), according to the recorded Assessor's Plat of the City of Kaukauna, Outagamie County, Wisconsin, excepting therefrom that land conveyed for public highway purposes; except the right of way easement owned by the Chicago and Northwestern Railway Company; and except that portion described in Vol. 1003 Records, Page 308.

Tax Parcel No. 32-2-0643-00

PARCEL III:

Lot F, according to the recorded Subdivision of Private Claim 34, in the City of Kaukauna, Outagamie County, Wisconsin, less and excepting therefrom those parcels described in Vol. 514 Records, Page 253 and Vol. 1040 Records, Page 640.

Tax Parcel No. 32-2-0740-00

PARCEL IV:

All of the lands in Lots G and H, Subdivision of Private Claim 35, according to the recorded Assessor's Plat of the City of Kaukauna, Outagamie County, Wisconsin, lying North of a line described in Vol. 514 Deeds, Page 255, less and excepting therefrom those parcels described in Vol. 947 Records, Page 183 and in Jacket 9852, Image 5.

Tax Parcel No. 32-2-0865-00

PARCEL V:

The Southeast Quarter (SE 1/4) of the Northwest Quarter (NW 1/4), Section Thirty (30), Township Twenty-One (21) North, Range Nineteen (19) East, Town of Buchanan, Outagamie County, Wisconsin.

Tax Parcel No. 32-5-0239-11

FIDELITY NATIONAL TITLE INSURANCE COMPANY OF NEW YORK

COMMITMENT

LEGAL DESCRIPTION
(continued)

File No.: NYN01-5860WI
Commitment No.: ATI-15360

PARCEL VI:

The Northeast Quarter (NE 1/4) of the Northwest Quarter (NW 1/4), Section Thirty (30), Township Twenty-One (21) North, Range Nineteen (19) East, Town of Buchanan, Outagamie County, Wisconsin, excepting therefrom that portion described as follows:

BEGINNING at Northwest corner of said NE 1/4, of the NW 1/4;

THENCE East along the North line, 460.00 feet to a point;

THENCE South 947.00 feet to a point;

THENCE West along a line being parallel with the North line 460.00 feet to a point in the West line of the Northeast 1/4 of the Northwest 1/4;

THENCE North 947.00 feet to the point of BEGINNING.

Tax Parcel No. 32-5-0239-10

Parcel VII:

That portion of Lot G in the North ½ of Private Claim 35 contained in the following described parcel:

A parcel of land being in part of Lot F, Private Claim 34 and part of Lot G, in the North ½ of Private Claim 35, according to the recorded Assessor's Plat of the City of Kaukauna and reclaimed land lying Southeasterly thereof, all in the City of Kaukauna, Outagamie County, Wisconsin, all of which lies between the United States Government property line and the North bank of the Fox River as established by Ordinance No. 545 adopted by the City of Kaukauna and approved by the Wisconsin Public Service Commission, described as follows:

BEGINNING at the intersection of the Northeasterly line of said Private Claim 35 with the United States Government property line which point is South 40 degrees 12 minutes East of and 33.80 feet distant from a stone monument on said Northeasterly line of Private Claim 35;

FIDELITY NATIONAL TITLE INSURANCE COMPANY OF NEW YORK

COMMITMENT

LEGAL DESCRIPTION
(continued)

File No.: NYN01-5860WI
Commitment No.: ATI-15360

THENCE North 64 degrees 26 minutes 30 seconds East, along said Government property line, 145.65 feet;

THENCE North 58 degrees 01 minute 30 seconds East, along said Government property line, 446.33 feet;

THENCE North 63 degrees 30 minutes 20 seconds East, along said Government property line, 182.06 feet to the intersection with the Northeasterly line of Private Claim 34;

THENCE South 40 minutes 37 seconds East along said Northeasterly line of Private Claim 34, 1236.69 feet to the North bank of the Fox River as established by Ordinance No. 545 adopted by the City of Kaukauna and approved by the Wisconsin Public Service Commission;

THENCE South 52 degrees 22 minutes West, along said North bank of the Fox River, 769.82 feet to the intersection with the Northeasterly line of Private Claim 35;

THENCE North 40 degrees 12 minutes West, along said Northeasterly line of Private Claim 35, 29.96 feet;

THENCE South 53 degrees 27 minutes West, 364.83 feet;

THENCE North 31 degrees 57 minutes West, 46.00 feet;

THENCE South 54 degrees 36 minutes West, 338.00 feet;

THENCE South 84 degrees 45 minutes West, 302.37 feet to a point being 45.00 feet Northeast of and at right angles to the centerline of Private Claim 35;

THENCE North 40 degrees 12 minutes West, parallel to and 45.00 feet Northeast of the centerline of said Private Claim 35, 500.74 feet to the centerline of Thilmany Road;

THENCE North 88 degrees 07 minutes West, along the centerline of Thilmany Road, 60.63 feet to a point on the centerline of Private Claim 35;

THENCE North 40 degrees 12 minutes West, along the centerline of Private Claim 35, 642.82 feet to a point on the United States Government property line;

FIDELITY NATIONAL TITLE INSURANCE COMPANY OF NEW YORK

COMMITMENT

LEGAL DESCRIPTION
(continued)

File No.: NYN01-5860WI
Commitment No.: ATI-15360

THENCE North 88 degrees 01 minute 30 seconds East, along said Government property line, 12.60 feet;

THENCE North 18 degrees 37 minutes 30 seconds East, 64.15 feet;

THENCE North 62 degrees 30 minutes 30 seconds East, 218.40 feet;

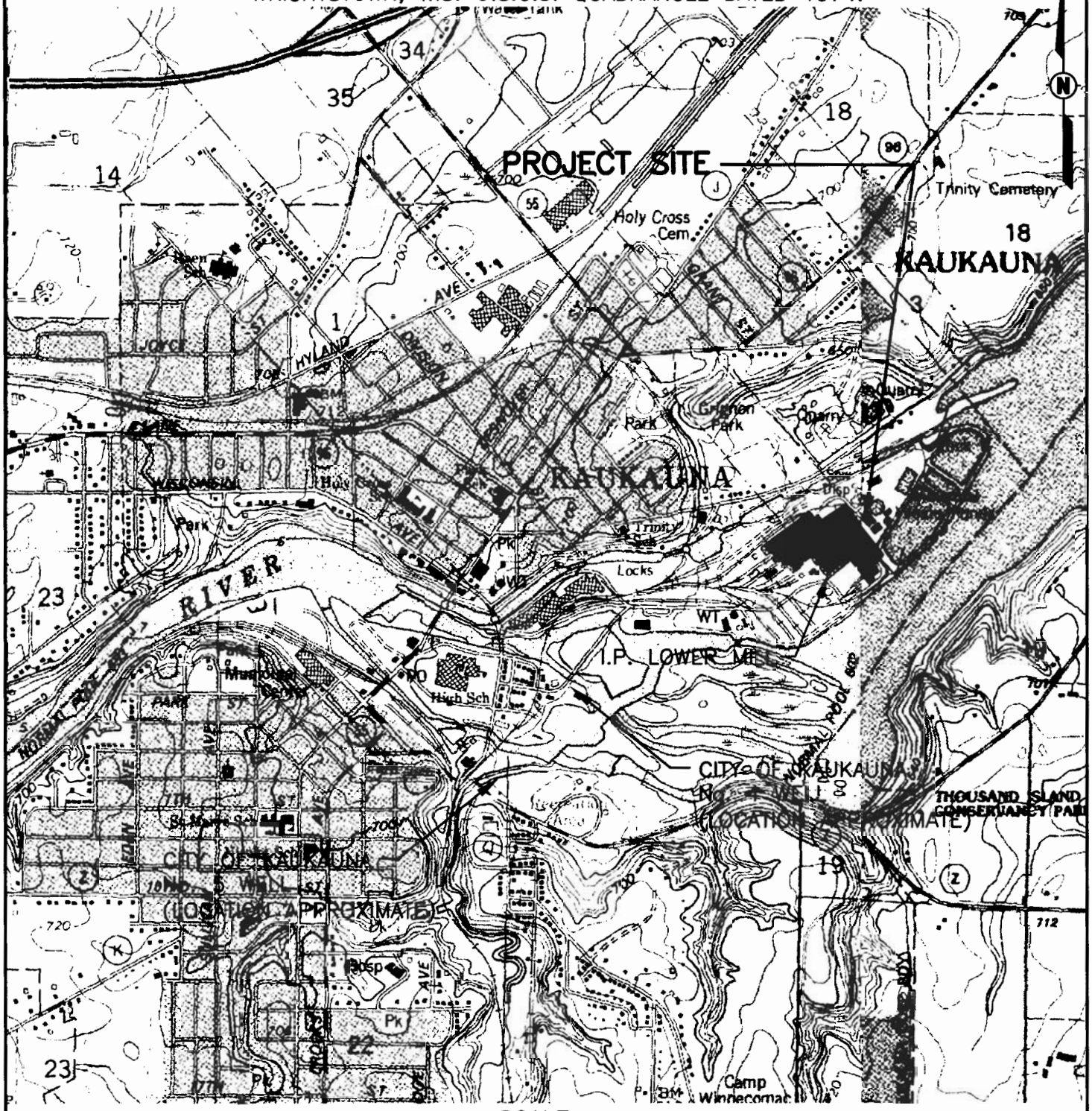
THENCE North 54 degrees 19 minutes 30 seconds East, 383.87 feet to a point on the United States Government property line;

THENCE North 64 degrees 26 minutes 30 seconds East, along said Government property line, 338.25 feet to the intersection with the Northeasterly line of Private Claim 35, the point of BEGINNING. Subject to all easements and restrictions of record and less that part presently being used for road purposes and less that part presently being leased from the United States Government and less all lands Northerly of the United States Government property line.

Tax Parcel No. 32-2-0867-00

C
C
F
F
G
U.S. CANAL
AUGUSTINE STREET
AUGUSTINE
U.S. GOVERNMENT (PARCEL A)
U.S. GOVERNMENT (PARCEL B)
U.S. GOVERNMENT (PARCEL C)
U.S. GOVT. (PARCEL D)
U.S. GOVT. (PARCEL F)
FIFTH LOCK
THIRD LOCK
THILMANY ROAD
LAGOON
LAGOON
LAGOON
LAGOON
FOX RIVER
CSM 2370
CSM 328
CSM 329
CSM 258

MAP SOURCE: MODIFIED FROM KAUKAUNA &
WRIGHTSTOWN, WIS. U.S.G.S. QUADRANGLE DATED 1974.



SCALE

1 0 1 MILE

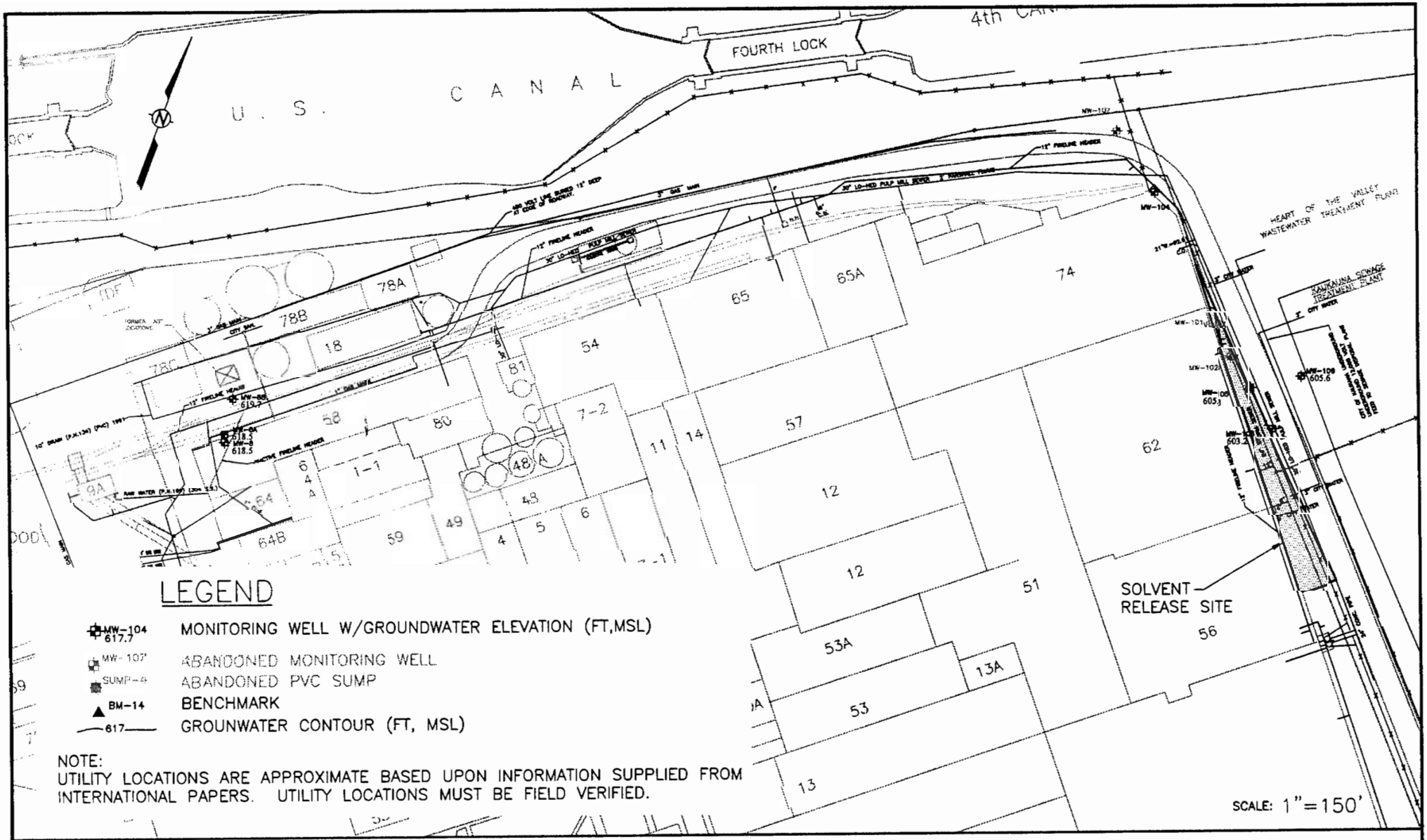
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

STS Consultants Ltd.
Consulting Engineers

SITE LOCATION MAP
THILMANY, LLC
SOLVENT RELEASE SITE

DRAWN BY	JMR	09/19/03
CHECKED BY	RJM	09/19/03
APPROVED BY		
CADFILE	SCALE	AS SHOWN
STS PROJECT NO. 27463	FIGURE NO.	1



STS CONSULTANTS
1035 Kepler Drive
Green Bay, WI 54311
920-468-1978
www.stsconsultants.com
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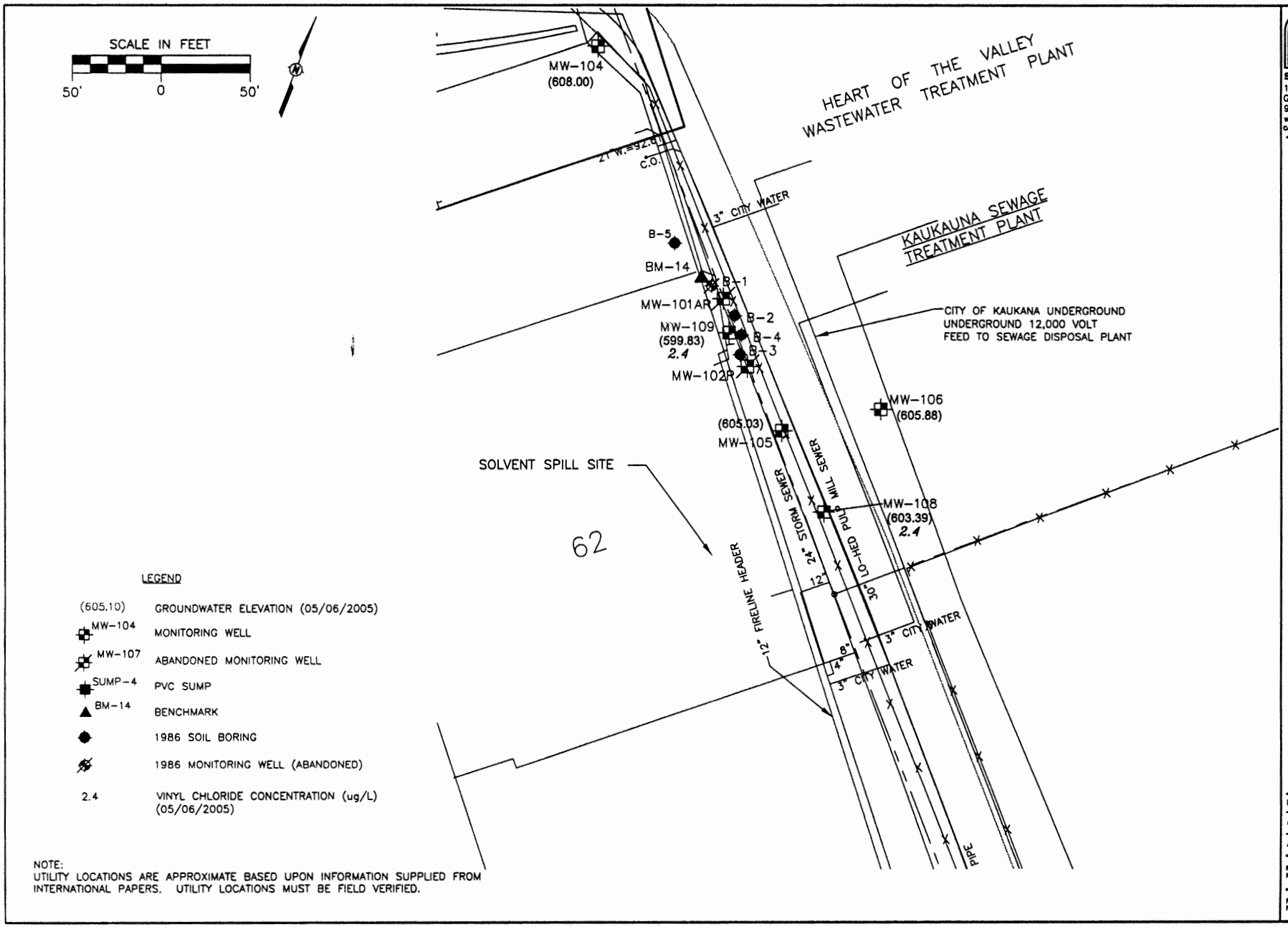
SOLVENT RELEASE SITE
THILMANY, LLC
KAUKAUNA, WISCONSIN

Drawn:	JMR	02/15/2006
Checked:	RJM	02/15/2006
Approved:		
PROJECT NUMBER	4-27463A	
FIGURE NUMBER	2	

X:\PROJECTS\427463A\Dwg\REPORT\G427463002_SOLVENT_RELEASE_FIG2.dwg; 2/17/2006 9:30:25 AM; REINCE, JERRY M.



NOTE:
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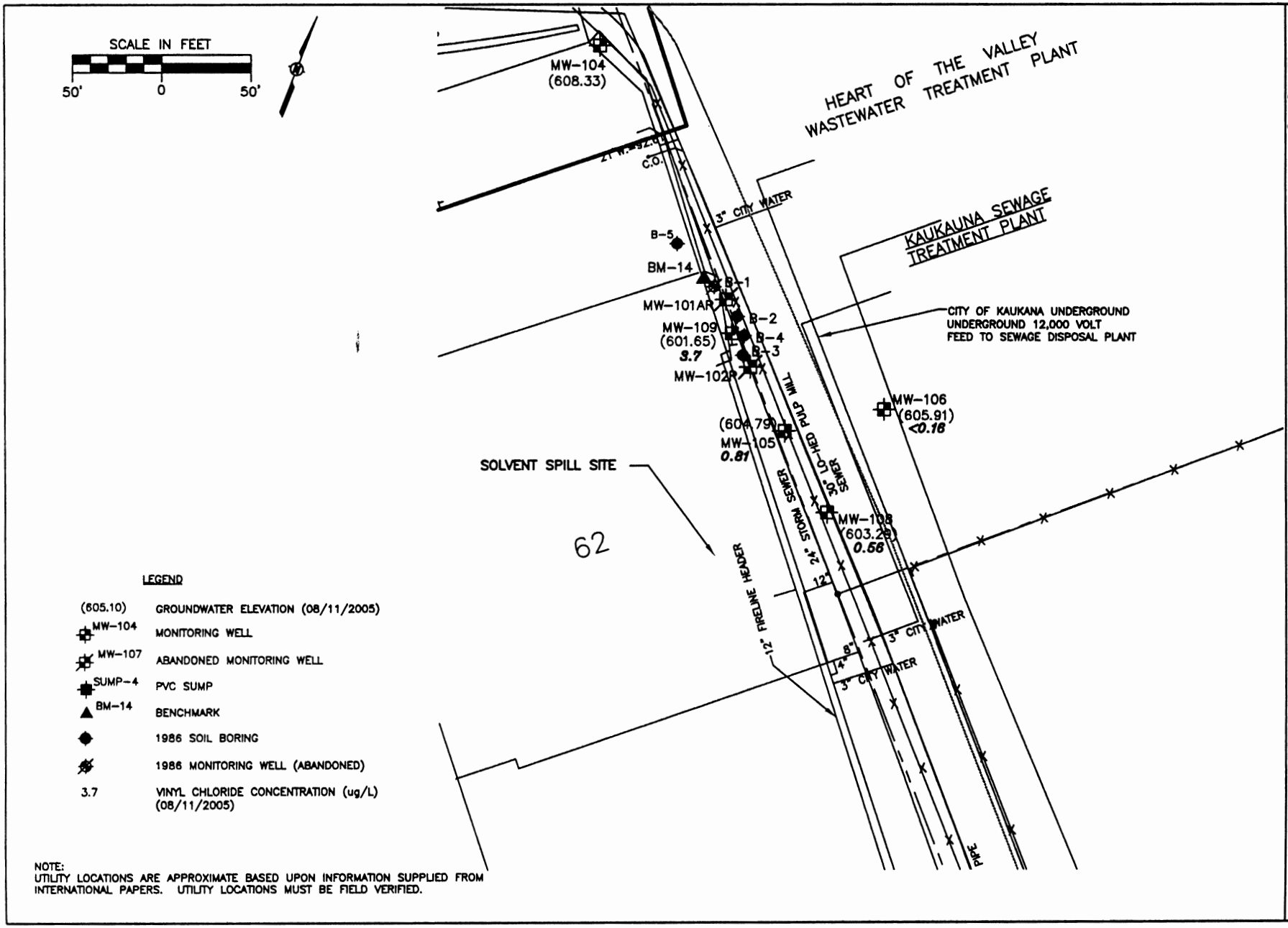
SOLVENT RELEASE SITE
THILMANY, LLC
KAUKAUNA, WISCONSIN
GROUNDWATER ELEVATIONS (05/06/2005)

Drawn:	DJM 12/2/2004
Checked:	RJM 12/2/2004
Approved:	
PROJECT NUMBER	27463A
FIGURE NUMBER	5



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SOLVENT RELEASE SITE
THILMANY, LLC
KAUKAUNA, WISCONSIN
GROUNDWATER ELEVATIONS (08/11/2005)

Drawn:	DJM 12/2/2004
Checked:	RJM 12/2/2004
Approved:	
PROJECT NUMBER	27463A
FIGURE NUMBER	6

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Table 2
Groundwater Analytical Results
Solvent Spill (Building 74)
Page 1 of 6

	B1		B2	B4	B5	MW-101AR	ES	PAL
	12/7/86	4/7/87	12/7/86	12/7/86	12/7/86	3/28/94	(ug/L)	(ug/L)
Groundwater Elevation (ft., MSL)	--	--	--	--	--	--	--	--
Temperature (°C)	--	--	--	--	--	--	--	--
Specific Conductivity (um/cm)	--	--	--	--	--	--	--	--
pH (S.U.)	--	--	--	--	--	--	--	--
Iron (mg/l)	--	--	--	--	--	--	--	--
Dissolved Oxygen (mg/l)	--	--	--	--	--	--	--	--
Ethane	--	--	--	--	--	--	--	--
Ethene	--	--	--	--	--	--	--	--
Methane	--	--	--	--	--	--	--	--
Benzene	**681**	**915**	**2.6**	**185**	**2.6**	**15.1 (1)**	5	0.5
Bromobenzene	NA	NA	NA	NA	NA	<2.5	--	--
Bromochloromethane	NA	NA	NA	NA	NA	NA	--	--
Bromodichloromethane	<0.1	NA	<0.1	<0.1	<0.1	<2.5	0.6	0.06
Bromoform	<0.2	<100.00	<0.2	<0.2	<0.2	<10.0	4.4	0.44
Bromomethane	<1.18	<200.00	<1.18	<1.18	<1.18	<20.0	10	1.0
n-Butylbenzene	NA	NA	NA	NA	NA	<2.5	--	--
sec-Butylbenzene	NA	NA	NA	NA	NA	<5.0	--	--
tert-Butylbenzene	NA	NA	NA	NA	NA	<5.0	--	--
Butanol	NA	160,000	NA	NA	NA	NA	--	--
Carbon Tetrachloride	**80.1**	<25.0	**28.1**	<0.12	<0.12	<2.5	5	0.5
Chlorobenzene	**3320**	<100.0	<0.25	**590**	**2.2**	<10.0	--	--
Dibromochloromethane	<0.1	<25.0	<0.1	<0.1	<0.1	<2.5	60	6
Chloroethane	**2650**	<100.0	<0.52	**91.1***	**3.59**	<10.	400	80
Chloroform	**22600**	<25.0	<0.05	**15.0**	<0.05	<2.5	6	0.6
Chloromethane	<0.08	<100.0	<0.08	<0.08	<0.08	<10.0	3	0.3
2-Chlorotoluene	NA	NA	NA	NA	NA	NA	--	--
4-Chlorotoluene	NA	NA	NA	NA	NA	NA	--	--
Dibromochloropropane	NA	NA	NA	NA	NA	NA	--	--
1,2-Dibromoethane	NA	NA	NA	NA	NA	NA	0.05	0.005
Dibromomethane	NA	NA	NA	NA	NA	<2.5	--	--
1,2-Dichlorobenzene	**14300**	<50.0	**2.1**	**73.6***	**4.9**	<5.0	600	60
1,3-Dichlorobenzene	**10100**	<50.0	<0.32	**311***	**4.8**	<5.0	1250	125
1,4-Dichlorobenzene	**142**	<50.0	<0.24	12.8	<0.24	<2.5	75	15
Dichlorodifluoromethane	**8890**	<100	<1.81	**556000**	<1.81	<10.0	1000	200
1,1-Dichloroethane	<0.07	<25.0	**26.9**	**2.7**	**30.2**	<2.5	850	85
1,2-Dichloroethane	<0.03	<25.0	<0.03	<0.03	<0.03	<2.5	5	0.5
1,1-Dichloroethene	<0.13	<50.0	<0.13	<0.13	<0.13	<2.0	7	0.7
cis 1,2-Dichloroethene	NA	**600**	NA	NA	NA	<2.5	70	7
trans 1,2-Dichloroethene	<0.10	NA	<0.10	<0.10	<0.10	<2.5	100	20
1,2-Dichloropropane	**9600**	<25.0	**133**	**40.4**	**77.0**	<2.5	5	0.5
1,3-Dichloropropane	NA	NA	NA	NA	NA	<2.5	--	--
2,2-Dichloropropane	NA	NA	NA	NA	NA	<10.0	--	--
1,1-Dichloropropene	NA	NA	NA	NA	NA	<5.0	--	--
cis-1,3-Dichloropropene	<0.20	<100.0	<0.20	<0.20	<0.20	NA	0.2	0.02
trans-1,3-Dichloropropene	NA	<25.0	NA	NA	NA	NA	0.2	0.02
Ethylbenzene	**3970**	**330***	**27.9**	<0.2	<0.2	18.4	700	140
Hexachlorobutadiene	NA	NA	NA	NA	NA	<5.0	--	--
Isopropylbenzene	NA	NA	NA	NA	NA	<5.0	--	--
Methyl ethyl ketone	**6920**	<5000	<1.0	**20.3**	<1.0	NA	460	90
Methyl isobutyl ketone	**485000**	<5000	<10	**2650**	<10	NA	500	50
Methyl tert-butyl ether	NA	NA	NA	NA	NA	<10.0	60	12
Methylene Chloride	**7980**	<50.0	**2820**	**70100**	**9300**	<12.5	5	0.5
Naphthalene	NA	NA	NA	NA	NA	<5.0	40	8
n-Propylbenzene	NA	NA	NA	NA	NA	<5.0	--	--
Styrene	NA	NA	NA	NA	NA	<25.0	100	10
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA	<2.5	70	7
Tetrachloroethene	<0.03	<25.0	**1060**	**3260**	**341**	<2.5	5	0.5
1,1,2,2-Tetrachloroethane	**86600**	<50.0	**335**	<0.03	**165**	<5.0	0.2	0.02
Toluene	**187200**	**602000**	**21.8**	**65.5**	**235***	**306***	1000	200
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	<5.0	--	--
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	<5.0	70	14
1,1,1-Trichloroethane	<0.03	<25.0	<0.03	<0.03	<0.03	<2.5	200	40
1,1,2-Trichloroethane	<0.02	<25.0	**430**	<0.02	**242**	<2.5	5	0.5
Trichloroethene	<0.12	**4240**	<0.12	<0.12	<0.12	<1.0	5	0.5
1,2,3-Trichloropropane	NA	NA	NA	NA	NA	<10.0	60	12
Trichlorofluoromethane	<0.1	<50.0	<0.1	<0.1	<0.1	<5.0	--	--
Total Trimethylbenzene	NA	NA	NA	NA	NA	<10.0	480	96
Vinyl Chloride	**310**	<100.0	<0.18	**7.62**	<0.18	<1.0	0.2	0.02
Xylenes	NA	NA	NA	NA	NA	< 10.0	10,000	1000

Notes:

92 NR 140 ES (Enforcement Standard) Exceedance

82* NR 140 PAL (Preventive Action Limit) Exceedance

All results are reported in ug/l except where noted.

Groundwater elevation for MW-104 was 609.33 on February 26, 2004, 609.75 on May 17, 2004, 609.01 on August 4, 2004, 608.16 on November 8, 2004, and 608.00 on May 6, 2005.

"J" = Detected at a concentration between the method detection limit and limit of quantitation.

(1) The laboratory report from Enviroscan from 1994 for sample MW-101AR indicates several of these compounds were not within laboratory QC parameters.

Table 2
Groundwater Analytical Results
Solvent Spill (Building 74)
Page 2 of 6

	MW-104									ES	PAL
	3/28/94	2/2/01	4/3/02	10/14/02	1/7/03	4/1/03	7/15/03	5/18/05	8/11/05	(ug/L)	(ug/L)
	Well bottom (ft. bgs) - 8.3										
	Well bottom elevation (ft., MSL) - 606.1										
	Screen length (ft.) - 3.0										
Groundwater Elevation (ft., MSL)	--	--	--	610.09	609.31	609.54	609.58	608.00	608.33	--	--
Temperature (°C)	--	9.3	10.2	17.9	11.5	10.4	21.2	NA	NA	--	--
Specific Conductivity (um/cm)	--	630	610	660	620	600	610	NA	NA	--	--
pH (S.U.)	--	7.4	6.5	6.9	6.5	6.9	7.0	NA	NA	--	--
Iron (mg/l)	--	--	--	3.1	1.6	0.52	1.1	NA	NA	--	--
Dissolved Oxygen (mg/l)	--	--	--	2.62	1.77	2.09	2.47	NA	NA	--	--
Benzene	**0.5**	**0.203**	**0.152**	**0.349**	**0.144**	<0.1	**0.16**	NA	NA	5	0.5
Bromobenzene	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	NA	NA	--	--
Bromochloromethane	NA	NA	NA	NA	<1.0*	<0.1	<0.1	NA	NA		
Bromodichloromethane	<0.5	<0.06	<0.06	<0.1	<0.1	<0.1	<0.1	NA	NA	0.6	0.06
Bromoform	NA	NA	NA	NA	<0.2	<0.2	<0.2	NA	NA	4.4	0.44
Bromomethane	NA	NA	NA	NA	<1.0*	<0.1	<0.1	NA	NA	10	1
n-Butylbenzene	<1.0	<0.15	<0.15	<0.2	<0.2	<0.2	<0.2	NA	NA	--	--
sec-Butylbenzene	<1.0	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	NA	NA	--	--
tert-Butylbenzene	<1.0	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	NA	NA	--	--
Carbon Tetrachloride	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	NA	NA	5	0.5
Chlorobenzene	<2.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	NA	NA	--	--
Dibromochloromethane	NA	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	NA	NA	60	6
Chloroethane	<2.0	<0.5	<0.5	<0.6	<6.0*	<0.6	<0.6	NA	NA	400	80
Chloroform	<0.5	<0.06	<0.06	<0.1	<1.0*	<0.1	<0.1	NA	NA	6	0.6
Chloromethane	<2.0	<0.17	<0.17	<0.2	<2.0*	<0.2	<0.2	NA	NA	3	0.3
2-Chlorotoluene	NA	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	NA	NA	--	--
4-Chlorotoluene	NA	<0.15	<0.15	<0.2	<0.2	<0.2	<0.2	NA	NA	--	--
Dibromochloropropane	NA	<0.25	<0.25	<0.3	<0.3	<0.3	<0.3	NA	NA	--	--
1,2-Dibromoethane	NA	<0.06	<0.06	<0.1	<0.1	<0.1	<0.1	NA	NA	0.05	0.005
Dibromomethane	NA	NA	NA	NA	<0.1	<0.1	<0.1	NA	NA	--	--
1,2-Dichlorobenzene	<1.0	<0.15	<0.15	<0.2	<0.2	<0.2	<0.2	NA	NA	600	60
1,3-Dichlorobenzene	<1.0	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	NA	NA	1250	125
1,4-Dichlorobenzene	<0.5	<0.15	<0.15	<0.15	**0.167**	<0.15	<0.15	NA	NA	75	15
Dichlorodifluoromethane	<2.0	<0.15	<0.15	<0.1	<1.0*	<0.1	<0.1	NA	NA	1000	200
1,1-Dichloroethane	<0.5	<0.15	<0.15	<0.1	<1.0*	<0.1	<0.1	NA	NA	850	85
1,2-Dichloroethane	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	NA	NA	5	0.5
1,1-Dichloroethene	<0.4	<0.15	<0.15	<0.1	<1.0*	<0.1	<0.1	NA	NA	7	0.7
cis 1,2-Dichloroethene	**0.6**	<0.15	<0.15	**0.183**	<1.0*	<0.1	<0.1	NA	NA	70	7
trans 1,2-Dichloroethene	<0.5	<0.15	<0.15	<0.1	<1.0*	<0.1	<0.1	NA	NA	100	20
1,2-Dichloropropane	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	NA	NA	5	0.5
1,3-Dichloropropane	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	NA	NA	--	--
2,2-Dichloropropane	NA	<0.15	<0.15	<0.1	<1.0*	<0.1	<0.1	NA	NA	--	--
1,1-Dichloropropene	NA	NA	NA	NA	<0.2	<0.2	<0.2	NA	NA	--	--
cis-1,3-Dichloropropene	NA	NA	NA	NA	<0.1	<0.1	<0.1	NA	NA	0.2	0.02
trans-1,3-Dichloropropene	NA	NA	NA	NA	<0.1	<0.1	<0.1	NA	NA	0.2	0.002
Ethylbenzene	<1.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	NA	NA	700	140
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	NA	NA	--	--
Isopropylbenzene	<1.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	NA	NA	--	--
Isopropyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--
p-Isopropyltoluene	<1.0	NA	NA	<0.1	NA	NA	NA	NA	NA	--	--
Methyl tert-butyl ether	<2.0	<0.14	<0.14	<0.1	<1.0*	<0.1	<0.1	NA	NA	60	12
Methylene Chloride	<2.5	<0.5	<0.5	<0.25	<2.5*	<0.25	<0.25	NA	NA	5	0.5
Naphthalene	**1.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	40	8
n-Propylbenzene	<1.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	NA	NA	--	--
Styrene	NA	NA	NA	NA	<0.1	<0.1	<0.1	NA	NA	100	10
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	<0.1	<0.1	<0.1	NA	NA	70	7
Tetrachloroethene	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	NA	NA	5	0.5
1,1,2,2-Tetrachloroethane	<1.0	<0.08	<0.08	<0.1	<0.1	<0.1	<0.1	NA	NA	0.2	0.02
Toluene	<2.0	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	NA	NA	1000	200
1,2,3-Trichlorobenzene	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	--	--
1,2,4-Trichlorobenzene	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	70	14
1,1,1-Trichloroethane	<0.5	<0.15	<0.15	<0.1	<1.0*	<0.1	<0.1	NA	NA	200	40
1,1,2-Trichloroethane	<0.5	<0.09	<0.09	<0.1	<0.1	<0.1	<0.1	NA	NA	5	0.5
Trichloroethene	<0.2	<0.1	<0.1	<0.2	<0.2	<0.2	<0.2	NA	NA	5	0.5
Trichlorofluoromethane	<1.0	<0.15	<0.15	<0.1	<1.0*	<0.1	<0.1	NA	NA	--	--
1,2,3-Trichloropropane	NA	NA	NA	NA	<0.4	<0.4	<0.4	NA	NA	60	12
Total Trimethylbenzene	<2.0	<0.55	<0.55	<0.3	<0.3	<0.3	<0.3	NA	NA	480	96
Vinyl Chloride	<0.2	<0.11	<0.12	<0.1	<1.0*	<0.1	<0.1	NA	NA	0.2	0.02
Xylenes	<2.0	<0.55	<0.55	<0.5	<0.5	<0.5	<0.5	NA	NA	10,000	1000

Notes:

92 NR 140 ES (Enforcement Standard) Exceedance

All results are reported in ug/l except where noted.

* Dilution factor = 10

Table 2
Groundwater Analytical Results
Solvent Spill (Building 74)

	MW-105														ES	PAL
	3/28/94	7/27/94	2/2/01	4/3/02	10/14/02	1/8/03	4/1/03	7/15/03	2/26/04	5/17/04	8/4/04	11/8/04	5/6/05	8/11/05	(ug/L)	(ug/L)
	Well bottom (ft. bgs) - 10.4															
	Well bottom elevation (ft., MSL) - 601.4															
	Screen length (ft.) - 3.0															
Groundwater Elevation (ft., MSL)	--	--	--	--	604.85	605.05	605.27	604.95	605.40	605.55	604.95	604.70	605.03	604.79	--	--
Temperature (°C)	--	--	14.6	15.2	20.4	17.3	16.3	24.6	14.9	20.9	24.8	17.1	NA	25	--	--
Specific Conductivity (um/cm)	--	--	1010	1890	1910	1590	1870	2240	1990	2350	2190	2010	NA	1520	--	--
pH (S.U.)	--	--	7.5	6.5	7.0	6.6	6.8	6.7	6.5	6.6	6.4	7.3	NA	6.9	--	--
Iron (mg/l)	--	--	--	--	0.78	2.5	0.43	0.77	1.0	0.99	0.75	0.60	NA	0.23	--	--
Dissolved Oxygen (mg/l)	--	--	--	--	2.32	1.23	1.67	2.6	2.69	2.58	2.43	2.69	NA	1.23	--	--
Ethane	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	NA	<1	--	--
Ethene	--	--	--	--	--	--	--	--	--	<1	<1	<1	NA	<1	--	--
Methane	--	--	--	--	248	321	144	<1	81	55.6	490	740	NA	<1	--	--
Benzene	<0.2	<0.2	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.15	<0.29	<0.29	NA	<0.26	5	0.5
Bromobenzene	<0.5	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.39	<0.39	NA	<0.35	--	--
Bromochloromethane	NA	NA	NA	NA	NA	<0.1	<0.1	<0.1	<0.1	<0.1	NA	NA	NA	NA	--	--
Bromodichloromethane	<0.5	<0.5	<0.06	<0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	NA	<0.28	0.6	0.06
Bromoform	NA	NA	NA	NA	NA	<0.2	<0.2	<0.2	<0.2	<0.2	<0.43	<0.43	NA	<0.4	4.4	0.44
Bromomethane	NA	NA	NA	NA	NA	<0.1	<0.1	<0.1	<0.1	<0.15	NA	NA	NA	NA	10	1.0
n-Butylbenzene	<1.0	<1.0	<0.15	<0.15	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.39	<0.39	NA	<0.61	--	--
sec-Butylbenzene	<1.0	<1.0	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<1.5	<0.21	<0.21	NA	<0.25	--	--
tert-Butylbenzene	<1.0	<1.0	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.31	<0.31	NA	<0.34	--	--
Butanol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--
Carbon Tetrachloride	<0.5	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.16	<0.16	NA	<0.25	5	0.5
Chlorobenzene	<2.0	<2.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.22	<0.22	NA	<0.26	--	--
Dibromochloromethane	NA	NA	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.34	<0.34	NA	<0.74	60	6
Chloroethane	<2.0	<2.0	<0.5	<0.5	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.38	<0.38	NA	<0.37	400	80
Chloroform	**0.8***	<0.5	<0.06	<0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	NA	<0.78	6	0.6
Chloromethane	<2.0	<2.0	<0.17	<0.17	<0.2	<0.2	<0.2	<0.2	**0.287 (J)**	<0.2	<0.6	<0.6	NA	<1.1	3	0.3
2-Chlorotoluene	<1.0	<1.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	NA	<0.42	--	--
4-Chlorotoluene	<1.0	<1.0	<0.15	<0.15	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.39	<0.39	NA	<0.24	--	--
Dibromochloropropane	NA	NA	<0.25	<0.25	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.99	NA	NA	NA	--	--
1,2-Dibromoethane	NA	<1.0	<0.06	<0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.27	<0.27	NA	NA	0.05	0.005
Dibromomethane	NA	NA	NA	NA	NA	<0.1	<0.1	<0.1	<0.1	<0.1	NA	NA	NA	NA	--	--
1,2-Dichlorobenzene	<1.0	<1.0	<0.15	<0.15	<0.2	<0.2	<0.2	<0.2	<0.2	<0.75	<0.52	<0.52	NA	<0.86	600	60
1,3-Dichlorobenzene	<1.0	<1.0	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.34	<0.34	NA	<0.64	1250	125
1,4-Dichlorobenzene	<0.5	<0.5	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.75	<0.63	<0.63	NA	<0.69	75	15
Dichlorodifluoromethane	<2.0	<2.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.25	<0.16	<0.16	NA	<0.2	1000	200
1,1-Dichloroethane	<0.5	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.15	<0.3	<0.3	NA	<0.91	850	85
1,2-Dichloroethane	<0.5	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.29	<0.29	NA	<0.25	5	0.5
1,1-Dichloroethene	<0.4	<0.4	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.15	<0.39	<0.39	NA	<0.2	7	0.7
cis 1,2-Dichloroethene	<0.5	<0.5	**0.437 (J)**	**2.88**	**2.77**	**2.21**	**2.87**	**2.03**	**1.42**	**1.58**	**1.3**	**1.0**	NA	**0.73 (J)**	70	7
trans 1,2-Dichloroethene	<0.5	<0.5	<0.15	**0.168 (J)**	**0.193**	**0.201 (J)**	**0.199**	**0.176 (J)**	**0.138 (J)**	**0.133 (J)**	<0.22	<0.22	NA	<0.4	100	20
1,2-Dichloropropane	<0.5	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.35	<0.35	NA	<0.37	5	0.5
1,3-Dichloropropane	<0.5	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.28	<0.28	NA	<0.4	--	--
2,2-Dichloropropane	<2.0	<2.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.51	<0.51	NA	<0.34	--	--
1,1-Dichloropropene	NA	NA	NA	NA	NA	<0.2	<0.2	<0.2	<0.2	<0.2	NA	NA	NA	NA	--	--
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	<0.1	<0.1	<0.1	<0.1	<0.1	NA	NA	NA	NA	0.2	0.02
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	<0.1	<0.1	<0.1	<0.1	<0.1	NA	NA	NA	NA	0.2	0.02
Ethylbenzene	<1.0	<1.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.56	<0.56	NA	<0.3	700	140
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.62	<0.62	NA	<1.6	--	--
Isopropylbenzene	<1.0	<1.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.19	<0.19	NA	<0.56	--	--
Methyl ethyl ketone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.1	NA	NA	NA	460	90
Methyl isobutyl ketone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1	NA	NA	NA	500	50
Methyl tert-butyl ether	<2.0	<2.0	<0.14	<0.14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	NA	<0.36	60	12
Methylene Chloride	<2.5	<2.5	<0.5	<0.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.4	<0.7	<0.7	NA	<0.55	5	0.5
Naphthalene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.6	<0.6	NA	<0.85	40	8
n-Propylbenzene	<1.0	<1.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.32	<0.32	NA	<0.56	--	--
Styrene	NA	NA	NA	NA	NA	<0.1	<0.1	<0.1	<0.1	<0.1	NA	NA	NA	NA	100	10
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA	<0.1	<0.1	<0.1	<0.1	<0.1	<0.27	<0.27	NA	<0.49	70	7
Tetrachloroethene	<0.5	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.7	<0.7	NA	<0.45	5	0.5
1,1,2,2-Tetrachloroethane	<1.0	<1.0	<0.08	<0.08	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.22	<0.22	NA	<0.29	0.2	0.02
Toluene	**39.5**	<2.0	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.57	<0.57	NA	<0.52	1000	200
1,2,3-Trichlorobenzene	<1.0	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1.6	--	--
1,2,4-Trichlorobenzene	<1.0	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.79	<0.79	NA	<1.1	70	14
1,1,1-Trichloroethane	<0.5	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.16	<0.16	NA	<0.42	200	40
1,1,2-Trichloroethane	<0.5	<0.5	<0.09	<0.09	<1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	NA	<0.35	5	0.5
Trichloroethene	<0.2	<0.2	<0.1	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.27	<0.27	NA	<0.37	5	0.5
1,2,3-Trichloropropane	NA	NA	NA	NA	NA	<0.4	<0.4	<0.4	<0.4	<0.55	NA	NA	NA	NA	60	12
Trichlorofluoromethane	<1.0	<1.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.22	<0.22	NA	<0.48	--	--
Total Trimethylbenzene	<1.0	<2.0	<0.55	<0.55	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<1.17	<1.17	NA	<1.15	480	96
Vinyl Chloride	1.2	**0.4**	**0.768**	**0.901**	**0.682**	**0.653**	**0.645**	**0.486**	<0.1	<0.15	**0.53 (J)**	<0.21	NA	**0.81**	0.2	0.02
Xylenes	<2.0	<2.0	<0.55	<0.55	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.74	<1.74	NA	<1.17	10,000	1000

Notes:

92	NR 140 ES (Enforcement Standard) Exceedance
82*	NR 140 PAL (Preventive Action Limit) Exceedance

All results are reported in ug/l except where noted

"J" = Detected at a concentration between the method detection limit and limit of quantitatio

Table 2
Groundwater Analytical Results
Solvent Spill (Building 74)
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	MW-106													ES	PAL
	7/27/94	2/2/01	4/3/02	10/14/02	1/8/03	4/1/03	7/15/03	2/26/04	5/17/04	8/4/04	11/8/04	5/6/05	8/11/05	(ug/L)	(ug/L)
	Well bottom (ft. bgs) - 12.9 Well bottom elevation (ft., MSL) - 599.2 Screen length (ft.) - 3.0														
Groundwater Elevation (ft., MSL)	--	--	--	605.52	605	605.6	606.1	605.31	605.96	606.08	605.10	605.88	605.91	--	--
Temperature (°C)	--	11.2	11.8	16.9	12.5	10.8	17.3	9.9	15.3	17.3	15.4	NA	18.4	--	--
Specific Conductivity (um/cm)	--	1100	1180	1310	1320	1320	1230	1220	1800	1270	1200	NA	1480	--	--
pH (S.U.)	--	8.1	6.8	7.4	6.8	7.0	7.1	6.9	7.0	6.7	7.7	NA	7.3	--	--
Iron (mg/l)	--	--	--	<0.02	0.49	0.13	<0.02	0.05	<0.03	<0.03	<0.03	NA	<0.03	--	--
Dissolved Oxygen (mg/l)	--	--	--	5.02	4.48	4.3	6.58	6.73	7.21	4.57	4.68	NA	4.91	--	--
Ethane	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	NA	<1	--	--
Ethene	--	--	--	--	--	--	--	--	<1	<1	<1	NA	<1	--	--
Methane	--	--	--	<1	<1	<1	<1	<1	<1	1.2 (J)	1.90	NA	<1	--	--
Benzene	<0.2	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.15	<0.29	<0.29	NA	<0.26	5	0.5
Bromobenzene	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.39	<0.39	NA	<0.35	--	--
Bromochloromethane	NA	NA	NA	NA	<0.1	<0.1	<0.1	<0.1	<0.1	NA	NA	NA	NA	--	--
Bromodichloromethane	3.0	<0.06	<0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	NA	<0.28	0.6	0.06
Bromoform	NA	NA	NA	NA	<0.1	<0.1	<0.1	<0.1	<0.2	<0.43	<0.43	NA	<0.4	4.4	0.44
Bromomethane	NA	NA	NA	NA	<0.2	<0.2	<0.2	<0.2	<0.15	NA	NA	NA	NA	10	1.0
n-Butylbenzene	<1.0	<0.15	<0.15	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.39	<0.39	NA	<0.61	--	--
sec-Butylbenzene	<1.0	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<1.5	<0.21	<0.21	NA	<0.25	--	--
tert-Butylbenzene	<1.0	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.31	<0.31	NA	<0.34	--	--
Butanol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--
Carbon Tetrachloride	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.16	<0.16	NA	<0.25	5	0.5
Chlorobenzene	<2.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.22	<0.22	NA	<0.26	--	--
Dibromochloromethane	NA	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.34	<0.34	NA	<0.74	60	6
Chloroethane	<2.0	<0.5	<0.5	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.38	<0.38	NA	<0.37	400	80
Chloroform	6.1	<0.06	<0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<.025	<.025	NA	<0.78	6	0.6
Chloromethane	<2.0	<0.17	<0.17	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.6	<0.6	NA	<1.1	3	0.3
2-Chlorotoluene	<1.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	NA	<0.42	--	--
4-Chlorotoluene	<1.0	<0.15	<0.15	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<.039	<.039	NA	<0.24	--	--
Dibromochloropropane	NA	<0.25	<0.25	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.99	NA	NA	NA	--	--
1,2-Dibromoethane	<1.0	<0.06	<0.06	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.27	<0.27	NA	NA	0.05	0.005
Dibromomethane	NA	NA	NA	NA	<0.1	<0.1	<0.1	<0.1	<0.1	NA	NA	NA	NA	--	--
1,2-Dichlorobenzene	<1.0	<0.15	<0.15	<0.2	<0.2	<0.2	<0.2	<0.2	<0.75	<0.52	<0.52	NA	<0.86	600	60
1,3-Dichlorobenzene	<1.0	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.34	<0.34	NA	<0.64	1250	125
1,4-Dichlorobenzene	<0.5	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.75	<0.63	<0.63	NA	<0.69	75	15
Dichlorodifluoromethane	<2.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.25	<0.16	<0.16	NA	<0.2	1000	200
1,1-Dichloroethane	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.15	<0.3	<0.3	NA	<0.91	850	85
1,2-Dichloroethane	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.29	<0.29	NA	<0.25	5	0.5
1,1-Dichloroethene	<0.4	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.15	<0.3	<0.3	NA	<0.2	7	0.7
cis 1,2-Dichloroethene	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.29	<0.29	NA	<0.27	70	7
trans 1,2-Dichloroethene	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.22	<0.22	NA	<0.4	100	20
1,2-Dichloropropane	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.35	<0.35	NA	<0.37	5	0.5
1,3-Dichloropropane	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.28	<0.28	NA	<0.4	--	--
2,2-Dichloropropane	<2.0	<0.15	<0.15	<0.1	<0.2	<0.2	<0.2	<0.2	<0.1	<0.51	<0.51	NA	<0.34	--	--
1,1-Dichloropropene	NA	NA	NA	NA	<0.2	<0.2	<0.2	<0.2	<0.2	NA	NA	NA	NA	--	--
cis-1,3-Dichloropropene	NA	NA	NA	NA	<0.1	<0.1	<0.1	<0.1	<0.1	NA	NA	NA	NA	0.2	0.02
trans-1,3-Dichloropropene	NA	NA	NA	NA	<0.1	<0.1	<0.1	<0.1	<0.1	NA	NA	NA	NA	0.2	0.02
Ethylbenzene	<1.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.56	<0.56	NA	<0.3	700	140
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.62	<0.62	NA	<1.6	--	--
Isopropylbenzene	<1.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.19	<0.19	NA	<0.56	--	--
Methyl ethyl ketone	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.1	NA	NA	NA	460	90
Methyl isobutyl ketone	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1	NA	NA	NA	500	50
Methyl tert-butyl ether	<2.0	<0.14	<0.14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	NA	<0.36	60	12
Methylene Chloride	<2.5	<0.5	<0.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.4	<0.7	<0.7	NA	<0.55	5	0.5
Naphthalene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.6	<0.6	NA	<0.85	40	8
n-Propylbenzene	<1.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.32	<0.32	NA	<0.56	--	--
Styrene	NA	NA	NA	NA	<0.1	<0.1	<0.1	<0.1	<0.1	NA	NA	NA	NA	100	10
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	<0.1	<0.1	<0.1	<0.1	<0.1	<0.27	<0.27	NA	<0.49	70	7
Tetrachloroethene	<0.5	0.184 (J)	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.7	<0.7	NA	<0.45	5	0.5
1,1,2,2-Tetrachloroethane	<1.0	<0.08	<0.08	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.22	<0.22	NA	<0.29	0.2	0.02
Toluene	<2.0	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.57	<0.57	NA	<0.52	1000	200
1,2,3-Trichlorobenzene	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1.6	--	--
1,2,4-Trichlorobenzene	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.79	<0.79	NA	<1.1	70	14
1,1,1-Trichloroethane	<0.5	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<.016	<.016	NA	<0.42	200	40
1,1,2-Trichloroethane	<0.5	<0.09	<0.09	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	NA	<0.35	5	0.5
Trichloroethene	<0.2	<0.1	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.27	<0.27	NA	<0.37	5	0.5
1,2,3-Trichloropropane	NA	NA	NA	NA	<0.4	<0.4	<0.4	<0.4	<0.55	NA	NA	NA	NA	60	12
Trichlorofluoromethane	<1.0	<0.15	<0.15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.22	<0.22	NA	<0.48	--	--
Total Trimethylbenzene	<2.0	<0.55	<0.55	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<1.17	<1.17	NA	<1.15	480	96
Vinyl Chloride	<0.2	<0.12	<0.12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.15	<0.21	<0.21	NA	<0.16	0.2	0.02
Xylenes	<2.0	<0.55	<0.55	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.74	<1.74	NA	<1.17	10,000	1000

Notes:

92	NR 140 ES (Enforcement Standard) Exceedance
82*	NR 140 PAL (Preventive Action Limit) Exceedance

All results are reported in ug/l except where noted.
"J" = Detected at a concentration between the method detection limit and limit of quantitation.

Table 2
Groundwater Analytical Results
Solvent Spill (Building 74)
Page 5 of 6

	MW-108										ES	PAL
	10/14/02	1/8/03	4/1/03	7/15/03	2/26/04	5/17/04	8/4/04	11/8/04	5/6/05	8/11/05	(ug/L)	(ug/L)
	Well bottom (ft. bgs) - 18.0 Well bottom elevation (ft., MSL) - 593.3 Screen length (ft.) - 10.0											
Groundwater Elevation (ft., MSL)	603.29	602.96	603.18	603.33	603.14	603.59	603.78	603.41	603.39	603.29	--	--
Temperature (°C)	18.5	17.9	16.6	22.0	15.3	19.1	22.2	16.9	17.6	22	--	--
Specific Conductivity (um/cm)	1570	1720	1650	1590	1530	1540	1670	1600	1600	1600	--	--
pH (S.U.)	7.0	6.4	6.5	6.9	6.9	6.9	6.4	6.9	6.5	6.5	--	--
Iron (mg/l)	1.9	7.2	5.1	3.5	5.7	5.1	3.0	3.6	3.2	3.5	--	--
Dissolved Oxygen (mg/l)	3.37	0.81	2.28	1.16	1.98	2.06	0.91	2.03	0.94	1.27	--	--
Ethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	--	--
Ethene	--	--	--	--	--	<1	<1	<1	<1	<1	--	--
Methane	5.71	60.4	73.0	22.5	42.6	19.1	69.0	20.0	32.0	36	--	--
Benzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.15	<0.29	<0.29	<0.26	<0.26	5	0.5
Bromobenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.39	<0.39	<0.35	<0.35	--	--
Bromochloromethane	NA	<0.1	<0.1	<0.1	<0.1	<0.1	NA	NA	NA	NA	--	--
Bromodichloromethane	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	<0.28	<0.28	0.6	0.06
Bromoform	NA	<0.2	<0.2	<0.2	<0.2	<0.2	<0.43	<0.43	<0.4	<0.4	4.4	0.44
Bromomethane	NA	<0.1	<0.1	<0.1	<0.1	<0.15	NA	NA	NA	NA	10	1.0
n-Butylbenzene	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.39	<0.39	<0.61	<0.61	--	--
sec-Butylbenzene	<0.15	<0.15	<0.15	<0.15	<0.15	<1.5	<0.21	<0.21	<0.25	<0.25	--	--
tert-Butylbenzene	<0.15	<0.15	<0.15	<0.15	<0.15	<1.5	<0.31	<0.31	<0.34	<0.34	--	--
Butanol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--
Carbon Tetrachloride	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.16	<0.16	<0.25	<0.25	5	0.5
Chlorobenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.22	<0.22	<0.26	<0.26	--	--
Dibromochloromethane	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.34	<0.34	<0.74	<0.74	60	6
Chloroethane	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.38	<0.38	<0.37	<0.37	400	80
Chloroform	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	<0.78	<0.78	6	0.6
Chloromethane	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.6	<0.6	<1.1	<1.1	3	0.3
2-Chlorotoluene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.42	<0.42	--	--
4-Chlorotoluene	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.39	<0.39	<0.24	<0.24	--	--
Dibromochloropropane	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.99	NA	NA	NA	--	--
1,2-Dibromoethane	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.27	<0.27	<0.58	NA	0.05	0.005
Dibromomethane	NA	<0.1	<0.1	<0.1	<0.1	<0.1	NA	NA	NA	NA	--	--
1,2-Dichlorobenzene	<0.2	<0.2	<0.2	<0.2	<0.2	<0.75	<0.52	<0.52	<0.86	<0.86	600	60
1,3-Dichlorobenzene	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.34	<0.34	<0.64	<0.64	1250	125
1,4-Dichlorobenzene	<0.15	<0.15	<0.15	<0.15	<0.15	<0.75	<0.63	<0.63	<0.69	<0.69	75	15
Dichlorodifluoromethane	<0.1	**0.264 (J)**	**0.111**	<0.1	<0.1	<0.25	<0.16	<0.16	<0.2	<0.2	1000	200
1,1-Dichloroethane	**0.731**	**0.507**	**0.449**	**0.284 (J)**	**0.248 (J)**	**0.203**	<0.3	<0.3	<0.91	<0.91	850	85
1,2-Dichloroethane	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.29	<0.29	<0.25	<0.25	5	0.5
1,1-Dichloroethene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.15	<0.39	<0.39	<0.2	<0.2	7	0.7
cis 1,2-Dichloroethene	**5.74**	**4.15**	**4.21**	**2.38**	**2.26**	**2.2**	**2.8**	**1.6**	**2**	**2.9**	70	7
trans 1,2-Dichloroethene	**0.391**	**0.272 (J)**	**0.274**	**0.134 (J)**	**0.147 (J)**	**0.125**	<0.22	<0.22	<0.4	<0.4	100	20
1,2-Dichloropropane	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.35	<0.35	<0.37	<0.37	5	0.5
1,3-Dichloropropane	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.28	<0.28	<0.4	<0.4	--	--
2,2-Dichloropropane	<0.1	<0.2	<0.2	<0.2	<0.2	<0.1	<0.51	<0.51	<0.34	<0.34	--	--
1,1-Dichloropropene	NA	<0.2	<0.2	<0.2	<0.2	<0.2	NA	NA	NA	NA	--	--
cis-1,3-Dichloropropene	NA	<0.1	<0.1	<0.1	<0.1	<0.1	NA	NA	NA	NA	0.2	0.02
trans-1,3-Dichloropropene	NA	<0.1	<0.1	<0.1	<0.1	<0.1	NA	NA	NA	NA	0.2	0.02
Ethylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.56	<0.56	<0.3	<0.3	700	140
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.62	<0.62	<1.6	<1.6	--	--
Isopropylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.19	<0.19	<0.56	<0.56	--	--
Methyl ethyl ketone	NA	NA	NA	NA	NA	NA	<4.1	NA	NA	NA	460	90
Methyl isobutyl ketone	NA	NA	NA	NA	NA	NA	<1	NA	NA	NA	500	50
Methyl tert-butyl ether	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	<0.36	<0.36	60	12
Methylene Chloride	<0.25	<0.25	<0.25	<0.25	<0.25	<0.4	<0.7	<0.7	<0.55	<0.55	5	0.5
Naphthalene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.6	<0.6	<0.85	<0.85	40	8
n-Propylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<1.0	<0.32	<0.32	<0.56	<0.56	--	--
Styrene	NA	<0.1	<0.1	<0.1	<0.1	<0.1	NA	NA	NA	NA	100	10
1,1,1,2-Tetrachloroethane	NA	<0.1	<0.1	<0.1	<0.1	<0.1	<0.27	<0.27	<0.49	<0.49	70	7
Tetrachloroethene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.7	<0.7	<0.45	<0.45	5	0.5
1,1,2,2-Tetrachloroethane	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.22	<0.22	<0.29	<0.29	0.2	0.02
Toluene	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.57	<0.57	<0.52	<0.52	1000	200
1,2,3-Trichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.6	<1.6	--	--
1,2,4-Trichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.79	<0.79	<1.1	<1.1	70	14
1,1,1-Trichloroethane	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.16	<0.16	<0.42	<0.42	200	40
1,1,2-Trichloroethane	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	<0.35	<0.35	5	0.5
Trichloroethene	**0.229**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.27	<0.27	<0.37	<0.37	5	0.5
1,2,3-Trichloropropane	NA	<0.4	<0.4	<0.4	<0.4	<0.55	NA	NA	NA	NA	60	12
Trichlorofluoromethane	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.22	<0.22	<0.48	<0.48	--	--
Total Trimethylbenzene	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<1.17	<1.17	<1.15	<1.15	480	96
Vinyl Chloride	<0.1	**1.73**	**1.94**	**0.828**	<0.1	<0.15	**1.1**	**0.27 (J)**	**0.53**	**0.56**	0.2	0.02
Xylenes	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.74	<1.74	<1.17	<1.17	10,000	1000

Notes:

92	NR 140 ES (Enforcement Standard) Exceedance
82*	NR 140 PAL (Preventive Action Limit) Exceedance

All results are reported in ug/l except where noted.
"J" = Detected at a concentration between the method detection limit and limit of quantitation.

Table 2
Groundwater Analytical Results
Solvent Spill (Building 74)
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	MW-109		ES	PAL
	5/6/05	8/11/05	(ug/L)	(ug/L)
	Well bottom (ft. bgs) - Well bottom elevation (ft., MSL) - Screen length (ft.) - 10.0			
Groundwater Elevation (ft., MSL)	599.83	601.65	--	--
Temperature (°C)	17.6	23.1	--	--
Specific Conductivity (um/cm)	1590	1700	--	--
pH (S.U.)	6.7	6.6	--	--
Iron (mg/l)	1.9	1.8	--	--
Dissolved Oxygen (mg/l)	3.98	3.63	--	--
Ethane	<1	<1	--	--
Ethene	<1	<1	--	--
Methane	64	28	--	--
Benzene	<0.26	<0.26	5	0.5
Bromobenzene	<0.35	<0.35	--	--
Bromochloromethane	NA	NA	--	--
Bromodichloromethane	<0.28	<0.28	0.6	0.06
Bromoform	<0.4	<0.4	4.4	0.44
Bromomethane	NA	NA	10	1.0
n-Butylbenzene	<0.61	<0.61	--	--
sec-Butylbenzene	<0.25	<0.25	--	--
tert-Butylbenzene	<0.34	<0.34	--	--
Butanol	NA	NA	--	--
Carbon Tetrachloride	<0.25	<0.25	5	0.5
Chlorobenzene	<0.26	<0.26	--	--
Dibromochloromethane	<0.74	<0.74	60	6
Chloroethane	<0.37	<0.37	400	80
Chloroform	<0.78	<0.78	6	0.6
Chloromethane	<1.1	<1.1	3	0.3
2-Chlorotoluene	<0.42	<0.42	--	--
4-Chlorotoluene	<0.24	<0.24	--	--
Dibromochloropropane	NA	NA	--	--
1,2-Dibromoethane	<0.58	NA	0.05	0.005
Dibromomethane	NA	NA	--	--
1,2-Dichlorobenzene	<0.86	<0.86	600	60
1,3-Dichlorobenzene	<0.64	<0.64	1250	125
1,4-Dichlorobenzene	<0.69	<0.69	75	15
Dichlorodifluoromethane	<0.2	<0.2	1000	200
1,1-Dichloroethane	<0.91	<0.91	850	85
1,2-Dichloroethane	<0.25	<0.25	5	0.5
1,1-Dichloroethene	<0.2	<0.2	7	0.7
cis 1,2-Dichloroethene	**7.9^**	**11^**	70	7
trans 1,2-Dichloroethene	0.46 (J)	<0.4	100	20
1,2-Dichloropropane	<0.37	<0.37	5	0.5
1,3-Dichloropropane	<0.4	<0.4	--	--
2,2-Dichloropropane	<0.34	<0.34	--	--
1,1-Dichloropropene	NA	NA	--	--
cis-1,3-Dichloropropene	NA	NA	0.2	0.02
trans-1,3-Dichloropropene	NA	NA	0.2	0.02
Ethylbenzene	<0.3	<0.3	700	140
Hexachlorobutadiene	<1.6	<1.6	--	--
Isopropylbenzene	<0.56	<0.56	--	--
Methyl ethyl ketone	NA	NA	460	90
Methyl isobutyl ketone	NA	NA	500	50
Methyl tert-butyl ether	<0.36	<0.36	60	12
Methylene Chloride	<0.55	<0.55	5	0.5
Naphthalene	<0.85	<0.85	40	8
n-Propylbenzene	<0.56	<0.56	--	--
Styrene	NA	NA	100	10
1,1,1,2-Tetrachloroethane	<0.49	<0.49	70	7
Tetrachloroethene	<0.45	<0.45	5	0.5
1,1,2,2-Tetrachloroethane	<0.29	<0.29	0.2	0.02
Toluene	<0.52	<0.52	1000	200
1,2,3-Trichlorobenzene	<1.6	<1.6	--	--
1,2,4-Trichlorobenzene	<1.1	<1.1	70	14
1,1,1-Trichloroethane	<0.42	<0.42	200	40
1,1,2-Trichloroethane	<0.35	<0.35	5	0.5
Trichloroethene	<0.37	<0.37	5	0.5
1,2,3-Trichloropropane	NA	NA	60	12
Trichlorofluoromethane	<0.48	<0.48	--	--
Total Trimethylbenzene	<1.15	<1.15	480	96
Vinyl Chloride	**2.4**	**3.7**	0.2	0.02
Xylenes	<1.17	<1.17	10,000	1000

Notes:

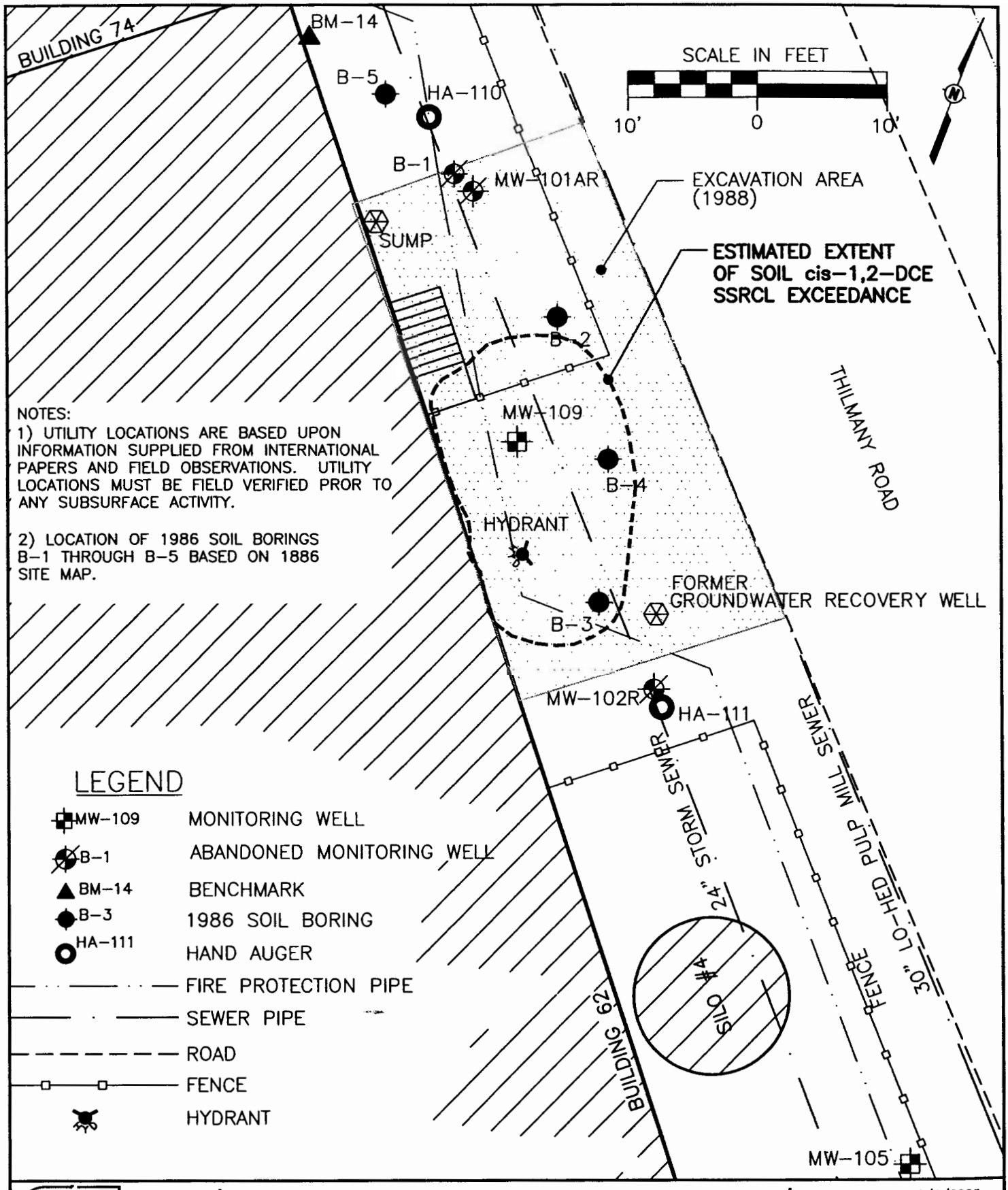
92	NR 140 ES (Enforcement Standard) Exceedance
82^	NR 140 PAL (Preventive Action Limit) Exceedance

All results are reported in ug/l except where noted.
"J" = Detected at a concentration between the method detection limit and limit of quantitation.

Table 1
Soil Analytical Results - VOCs
International Papers
Solvent Spill (Building 74)

		Pre 1988 Excavation			Post 1988 Excavation			
	Sample No.	B2-S2	B5-S2	B4-S3	MW-109 S1	HA-110 S1	HA-111 S1	NR 720 RCL
	Sample Depth (ft)	2 - 3.5	2 - 3.5	4 - 5.5	5 - 7	2.5 - 2.6	3.5 - 4	Groundwater
	Sample Date	12/7/86	12/7/86	12/7/86	4/22/05	4/22/05	4/22/05	Pathway
VOCs								
1,1,1,2-Tetrachloroethane	(ug/kg)	NR	NR	NR	<25	<25	<25	--
1,1,1-Trichloroethane	(ug/kg)	ND	ND	ND	<25	<25	<25	--
1,1,2,2-Tetrachloroethane	(ug/kg)	335	165	ND	<25	<25	<25	--
1,1,2-Trichloroethane	(ug/kg)	430	242	ND	<25	<25	<25	--
1,1-Dichloroethane	(ug/kg)	26.9	30.2	2.7	<25	<25	<25	--
1,1-Dichloroethene	(ug/kg)	ND	ND	ND	<25	<25	<25	--
1,1-Dichloropropene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
1,2,3-Trichlorobenzene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
1,2,3-Trichloropropane	(ug/kg)	NR	NR	NR	<25	<25	<25	--
1,2,4-Trichlorobenzene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
1,2,4-Trimethylbenzene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
1,2-Dibromo-3-Chloropropane	(ug/kg)	NR	NR	NR	<25	<25	<25	--
1,2-Dibromoethane	(ug/kg)	NR	NR	NR	<25	<25	<25	--
1,2-Dichlorobenzene	(ug/kg)	2.1	4.9	73.6	<25	<25	<25	--
1,2-Dichloroethane	(ug/kg)	ND	ND	ND	<25	<25	<25	4.9
1,2-Dichloropropane	(ug/kg)	133	77	ND	<25	<25	<25	--
1,3,5-Trimethylbenzene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
1,3-Dichlorobenzene	(ug/kg)	ND	4.8	311	<25	<25	<25	--
1,3-Dichloropropene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
1,4-Dichlorobenzene	(ug/kg)	ND	ND	12.8	<25	<25	<25	--
2,2-Dichloropropane	(ug/kg)	NR	NR	NR	<25	<25	<25	--
2-Chlorotoluene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
4-Chlorotoluene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
Benzene	(ug/kg)	2.6	2.6	185	<25	<25	<25	5.5
Bromobenzene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
Bromochloromethane	(ug/kg)	NR	NR	NR	<25	<25	<25	--
Bromodichloromethane	(ug/kg)	ND	ND	ND	<25	<25	<25	--
Bromoform	(ug/kg)	ND	ND	ND	<25	<25	<25	--
Bromomethane	(ug/kg)	ND	ND	ND	<25	<25	<25	--
Carbon Tetrachloride	(ug/kg)	28.1	ND	ND	<25	<25	<25	--
Chlorobenzene	(ug/kg)	ND	2.2	510	<25	<25	<25	--
Chlorodibromomethane	(ug/kg)	ND	ND	ND	<25	<25	<25	--
Chloroethane	(ug/kg)	ND	3.59	91.1	<25	<25	<25	--
Chloroform	(ug/kg)	ND	ND	15	<25	<25	<25	--
Chloromethane	(ug/kg)	ND	ND	ND	<25	<25	<25	--
cis 1,2-Dichloroethene	(ug/kg)	NR	NR	NR	75	<25	<25	--
cis-1,3-Dichloropropene	(ug/kg)	ND	ND	ND	<25	<25	<25	--
Dibromomethane	(ug/kg)	NR	NR	NR	<25	<25	<25	--
Dichlorodifluoromethane	(ug/kg)	ND	ND	ND	<25	<25	<25	--
Di-isopropyl ether	(ug/kg)	NR	NR	NR	<25	<25	<25	--
Ethylbenzene	(ug/kg)	27.9	ND	40.4	<25	<25	<25	2900
Fluorotrichloromethane	(ug/kg)	ND	ND	ND	<25	<25	<25	--
Hexachlorobutadiene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
Isopropylbenzene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
Methylene Chloride	(ug/kg)	2820	9300	70100	<25	<25	<25	--
Methyl-tert-butyl-ether	(ug/kg)	NR	NR	NR	<25	<25	<25	--
Naphthalene	(ug/kg)	NR	NR	NR	<25	<25	<25	400
n-Butylbenzene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
n-Propylbenzene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
p-Isopropyltoluene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
sec-Butylbenzene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
Styrene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
tert-Butylbenzene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
Tetrachloroethene	(ug/kg)	1060	341	3260	<25	<25	<25	--
Toluene	(ug/kg)	21.3	235	65.5	<25	61	<25	1500
trans 1,2-Dichloroethene	(ug/kg)	ND	ND	ND	<25	<25	<25	--
trans-1,3-Dichloropropene	(ug/kg)	NR	NR	NR	<25	<25	<25	--
Trichloroethene	(ug/kg)	ND	ND	556000	<25	<25	<25	--
Vinyl Chloride	(ug/kg)	ND	17.2	7.62	<25	<25	<25	--
Xylenes	(ug/kg)	NR	NR	NR	<75	<75	<75	4100
MIBK	(ug/kg)	ND	ND	2650	--	--	--	
MEK	(ug/kg)	ND	ND	20.3	--	--	--	

Notes:
Data for Sample B-2, B-4, and B-5 from December 1986 Robert E. Lee Report (included in attachments)
RCL = Residual Contaminant Level
100 Exceeds Groundwater Pathway RCL/SSL.
(j) = Detected at concentration between the limit of detection and the limit of quantification
-- = not analyzed; < = analyte not detected above method detection limit
mg/kg = milligrams per kilogram
ug/kg = micrograms per kilogram
NR = Not Reported on December 1986 laboratory report
ND = Not Detected based on December 1986 laboratory report



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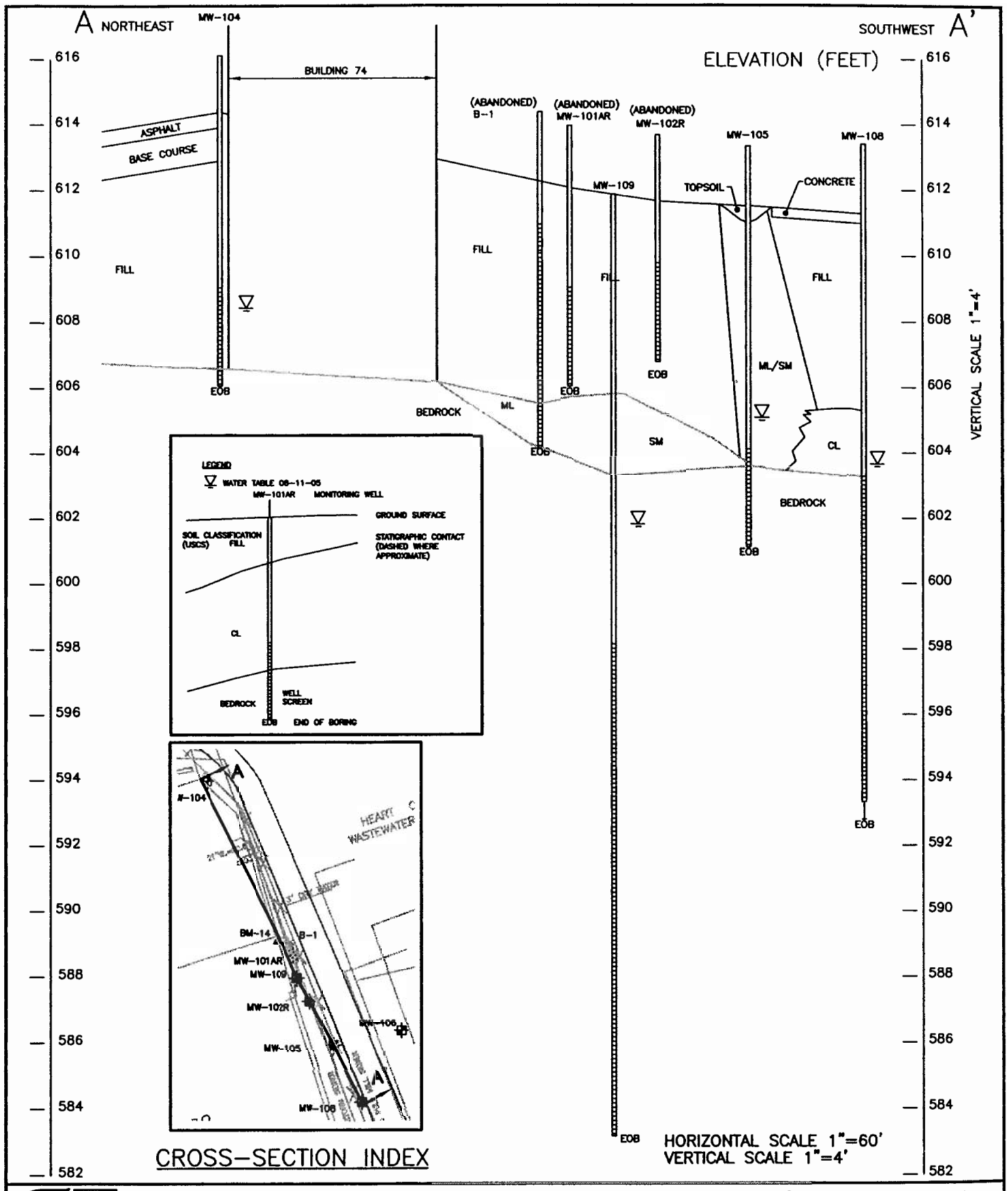
THILMANY, LLC
KAUKAUNA, WISCONSIN

SAMPLE LOCATIONS

Drawn:	JLC	5/4/2005
Checked:	RJM	5/4/2005
Approved:	RJM	5/4/2005
PROJECT NUMBER	27463A	
FIGURE NUMBER	3	



CROSS-SECTION INDEX

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KAUKAUNA, WISCONSIN
CROSS-SECTION

Drawn:	JMR	02/15/2006
Checked:	RJM	02/15/2006
Approved:		
PROJECT NUMBER	4-27463A	
FIGURE NUMBER	4	

STATEMENT OF PROPERTY LEGAL DESCRIPTION

As required by s.NR726.05(3) of the Wisconsin Administrative Code, I am providing this signed statement that to the best of my knowledge the legal descriptions that are attached to this statement are complete and accurate for the Thilmany LLC., property located at 600 Thilmany Road, Kaukauna, Wisconsin.

x Thomas G. Jayne Date 2/27/06
(Signature)

THOMAS G. JAYNE
(Name)

MGR. ENV. SERVICES
(Title)

THILMANY, LLC.
(Company)