

GIS REGISTRY INFORMATION

SITE NAME: WAUGAMIE FS COOP
BRRTS #: 02-45-000211
CLOSURE DATE: 12/20/2002
STREET ADDRESS: 308 S. CLARK STREET
CITY: BEAR CREEK

Modification actions taken after continuing obligations were applied. Refer to BOTW for further information.

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 621256 Y= 451319

OFF-SOURCE CONTAMINATION (>ES): Yes No

IF YES, STREET ADDRESS 1: 301 DURREL STREET

GPS COORDINATES (meters in WTM91 projection): X= 621388 Y= 451418

IF YES, STREET ADDRESS 2: 309 DURREL STREET

GPS COORDINATES (meters in WTM91 projection): X= 621414 Y= 451340

IF YES, STREET ADDRESS 3: 300 DURREL STREET

GPS COORDINATES (meters in WTM91 projection): X= 621356 Y= 451418

IF YES, STREET ADDRESS 4: 308 DURREL STREET

GPS COORDINATES (meters in WTM91 projection): X= 621350 Y= 451339

IF YES, STREET ADDRESS 5: 307 CLARK STREET

GPS COORDINATES (meters in WTM91 projection): X= 621310 Y= 451336

IF YES, STREET ADDRESS 6: 313 CLARK STREET

GPS COORDINATES (meters in WTM91 projection): X= 621320 Y= 451287

IF YES, STREET ADDRESS 7: 204 CLARK STREET

GPS COORDINATES (meters in WTM91 projection): X= 621266 Y= 451510

IF YES, STREET ADDRESS 8: 313 DURREL STREET

GPS COORDINATES (meters in WTM91 projection): X= 621396 Y= 451263

IF YES, STREET ADDRESS 9: 312 DURREL STREET

GPS COORDINATES (meters in WTM91 projection): X= 621349 Y= 451270

IF YES, STREET ADDRESS 10: 205 CLARK STREET

GPS COORDINATES (meters in WTM91 projection): X= 621342 Y= 451466

IF YES, STREET ADDRESS 11: SE CORNER OF RAILROAD AVENUE AND ROLO STREET

GPS COORDINATES (meters in WTM91 projection): X= 621250 Y= 451416

IF YES, STREET ADDRESS 12: 315 CLARK STREET

GPS COORDINATES (meters in WTM91 projection): X= 621310 Y= 451239

IF YES, STREET ADDRESS 13: 303 CLARK STREET

GPS COORDINATES (meters in WTM91 projection): X= 621321 Y= 451363

IF YES, STREET ADDRESS 14: 301 CLARK STREET

GPS COORDINATES (meters in WTM91 projection): X= 621295 Y= 451435

IF YES, STREET ADDRESS 15: 208 CLARK STREET

GPS COORDINATES (meters in WTM91 projection): X= 621264 Y= 451470

IF YES, STREET ADDRESS 16: 200 E. WILLOW STREET

GPS COORDINATES (meters in WTM91 projection): X= 621247 Y= 451710

IF YES, STREET ADDRESS 17: 311 CLARK STREET

GPS COORDINATES (meters in WTM91 projection): X= 621324 Y= 451306

SOIL CONTAMINATION >GENERIC OR SITE-SPECIFIC RCL: Yes No

CONTAMINATION IN RIGHT OF WAY: Yes No

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued

Copy of most recent deed, including legal description, for all affected properties

Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties

County Parcel ID number, if used for county, for all affected properties

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.

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 site-specific residual contaminant levels.

Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)

Tables of Latest Soil Analytical Results (no shading or cross-hatching) Isoconcentration map(s), if required for site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map.

GW: Table of water level elevations, with sampling dates, and free product noted if present

GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)

SOIL: Latest horizontal extent of contamination exceeding generic or site-specific RCLs, with one contour.

Geologic cross-sections, if required for SI. (8.5x14' if paper copy)

RP certified statement that legal descriptions are complete and accurate

Copies of off-source notification letters (if applicable)

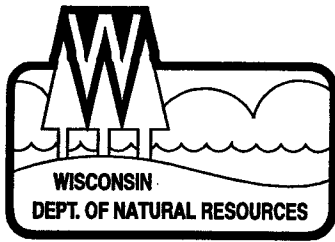
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)

Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure.

SITE NAME: WAUGAMIE FS COOP
BRRTS #: 02-45-000211
ADDRESS: 308 S. CLARK STREET
CLOSURE DATE: 12/20/2002
CITY: BEAR, WI

Off-source contamination properties and their hyperlinks are listed below. By clicking on the hyperlinks, Adobe Acrobat will bring you to that particular off-source property's deed and off-source notification letter.

1. 301 Durrel Street
2. 309 Durrel Street
3. 300 Durrel Street
4. 308 Durrel Street
5. 307 Clark Street
6. 313 Clark Street
7. 204 Clark Street
8. 313 Durrel Street
9. 312 Durrel Street
10. 205 Clark Street
11. SE Corner of Railroad Avenue and Rolo Street
12. 315 Clark Street
13. 303 Clark Street
14. 301 Clark Street
15. 208 Clark Street
16. 200 East Willow Street
17. 311 Clark Street



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

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

December 20, 2002

WDNR ERP CASE #: 02-45-000211
WDNR EE CASE #: 93-NEEE-085
DATCP CASE #: 88411062901

Attorney Dale Peterson
Stroud, Willink & Howard, LLC
25 West Main Street
Madison, WI 53701

SUBJECT: Final Closure for Waugamie FS Coop With NR 140 Exemption
308 Clark Street, Bear Creek, WI 54922

Dear Mr. Peterson,

On September 24, 2002 and again on December 2, 2002, the request for closure of the case described above was reviewed by the Northeast Regional Closure Committee. This committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. On December 2, 2002, you were notified that the Closure Committee had granted conditional closure to this case.

On December 19, 2002, the Department received correspondence indicating that you have complied with the conditions of closure by properly abandoning the monitoring wells and submitting the appropriate abandonment forms. Based on the correspondence and data provided, it appears that this case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

PAL Exemption for Nitrate:

Recent groundwater monitoring data at this site indicates exceedances of the ch. NR 140, Wis. Adm. Code, preventive action limit (PAL) for nitrate at monitoring wells, GM-9A, GM-9B, GM-17, GM-20 and MW-8B. The Department may grant an exemption for a substance of public welfare concern, or nitrate, pursuant to s. NR 140.28(2)(a), Wis. Adm. Code, if actions have been taken to achieve the lowest possible concentration for that substance which is technically and economically feasible and the existing or anticipated increase in the concentration of that substance does not present a threat to public health or welfare.

Based on the information you provided, the Department believes that the above criteria have been or will be met based on current monitoring data. Therefore, pursuant to s. NR 140.28(2)(a), Wis. Adm. Code, an exemption to the preventive action limit is granted for nitrate at GM-9A, GM-9B, GM-17, GM-20 and MW-8B. This letter serves as your exemption.

PAL Exemption for Atrazine and Metolachlor:

Recent groundwater monitoring data at this site indicates exceedances of the NR 140 preventive action limit (PAL) for atrazine and metolachlor at monitoring well, MW-8B, but compliance with the NR 140 enforcement standard. The Department may grant an exemption to a PAL for a substance of public health concern, other than nitrate, pursuant to s. NR 140.28(2)(b), Wis. Adm. Code, if all of the following criteria are met:



1. The measured or anticipated increase in the concentration of the substance will be minimized to the extent technically and economically feasible.
2. Compliance with the PAL is either not technically or economically feasible.
3. The enforcement standard for the substance will not be attained or exceeded at the point of standards application.
4. Any existing or projected increase in the concentration of the substance above the background concentration does not present a threat to public health or welfare.

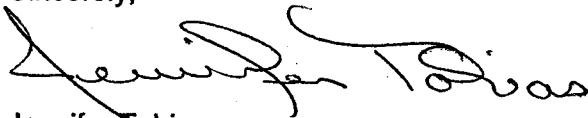
Based on the information you provided, the Department believes that the above criteria have been or will be met based on the data collected at MW-8B. Therefore, pursuant to s. NR 140.28(2)(b), Wis. Adm. Code, an exemption to the PAL is granted for atrazine and metolachlor at MW-8B. This letter serves as your exemption.

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

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

Please call me at the number below if you have any questions.

Sincerely,



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

cc: Jerry Wagenson, Waugamie FS Coop, W9047 Cty F, Bear Creek, WI 54922
Bill Buckingham, REA, 8505 University Green, STE 200, Middleton, WI 53562-2507
Alan MacKenzie, DATCP, 2811 Agriculture Drive, Madison, WI 53718-6777
Gerald Lehman, W9312 Amber Lane, Clintonville, WI 54929
(PAL exemption for nitrate, atrazine & metolachlor at MW-8B on parcel 0186)
Frances Balthazor, 101 East Willow, Bear Creek, WI 54922
(PAL exemption for nitrate at GM-9A & GM-9B on parcel ID 0055, Clarks 1st Addition)
Laura Smith, 104 Clark Street, Bear Creek, WI 54922
(PAL exemption for nitrate at GM-17 on Lot 3, Clark's 1st Addition)
Tim Miller, 108 Clark Street, Bear Creek, WI 54922
(PAL exemption for nitrate at GM-17 on Lot 4, Clark's 1st Addition)
Leona Mares, c/o Jim Mares, 315 Clark Street, Bear Creek, WI 54922
(PAL exemption for nitrate at GM-20 on parcel 0214)
Attorney Joseph Renville, DNR – Madison, LS/5
Bill Phelps, DNR – Madison, DG/2
Judy Polczynski, Bruce Urben, Rick Stoll, DNR – Green Bay



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

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

December 2, 2002

WDNR ERP CASE #: 02-45-000211
WDNR EE CASE #: 93-NEEE-085
DATCP CASE #: 88411062901

Attorney Dale Peterson
Stroud, Willink & Howard, LLC
25 West Main Street
Madison, WI 53701

SUBJECT: Conditional Closure for Waugamie FS Coop,
308 Clark Street, Bear Creek, WI 54922

Dear Mr. Peterson,

On September 24, 2002 and again on December 2, 2002, the request for closure of the case described above was reviewed by the Northeast Regional Closure Committee. This 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 Department has determined that the pesticide and nitrate contamination on the site from the historic spill appears to have been investigated and remediated to the extent practicable under site conditions. This case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following condition is satisfied:

The monitoring wells for the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to the Oshkosh DNR office on Form 3300-5B found at www.dnr.state.wi.us/org/water/dgw/gw/ or provided by the Department of Natural Resources. When this condition has been satisfied, please submit a letter to the Department and this case will be closed.

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

This case will remain on the Department's tracking system as open until the condition for closure is met. We appreciate your efforts to restore the environment at this site. Please call me at (920) 424-7887 if you have any questions.

Sincerely,

Jennifer Tobias
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: Jerry Wagenson, Waugamie FS Coop, W9047 Cty F, Bear Creek, WI 54922
Bill Buckingham, REA, 8505 University Green, STE 200, Middleton, WI 53562-2507
Alan MacKenzie, DATCP, 2811 Agriculture Drive, Madison, WI 53718-6777
Attorney Joseph Renville, DNR - Madison, LS/5
Judy Polczynski, Bruce Urben, Rick Stoll, DNR - Green Bay



860815

QUIT CLAIM DEED

J 5295 I 27

REGISTER'S OFFICE
OUTAGAMIE COUNTY, WI.
RECEIVED AND RECORDED ON

Flanagan Brothers, Inc.

quit-claims to Waugamie Farmco Cooperative

MAR 29 1985

AT 11:30 O'CLOCK A.M.
IN JACKET 5295 IMAGE 2738
Grace Herb
REGISTER OF DEEDS

the following described real estate in Outagamie County,
State of Wisconsin:

RETURN TO Lathrop and Sorenson
144 E. Main St.
Hortonville, WI 54944

(see reverse side)

Tax Parcel No:

This is not ~~the~~ (is not) homes property.
Dated this 15th day of March 19 85

March 19 85
Flanagan Brothers, Inc.

(SEAL) BY:

(SEAL)

(SEAL)

(SEAL)

AUTHENTICATION

ACKNOWLEDGMENT

Signature(s) of R.H. Downs and David J.
Flanagan, Jr., officers of Flanagan Brothers, Inc.
authenticated this 15th day of March 19 85

STATE OF WISCONSIN

County.

Personally came before me this _____ day of _____, 19 _____ the above named

Robert E. Sorenson

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not authorized by § 704.06, Wis. Stats.)

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

THIS INSTRUMENT WAS DRAFTED BY

Robert E. Sorenson
attorney at law

Notary Public _____ County, Wis.
My Commission is permanent. If not, state expiration date: _____ 19 _____

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

Waugamie Deeds

Lots 3, 4, 5 + 6 CLARKS Second Addition to Village of Bear Creek
+ TAX Parcel # 21-0-0063-00-5

(E)

2001

J 5295 1 28

A part of the West 1/2 of the Northeast 1/4 of Section Thirty (30), Township Twenty-Four (24) North, Range Fifteen (15) East, Village of Bear Creek, Outagamie County, Wisconsin containing 21,213 square feet or 0.4870 acres of land and being described as follows:

Commencing at the Northeast corner of Section Thirty (30); thence South 00°26'05" East, 2666.28 feet along the East line of the Northeast 1/4 to the East 1/4 corner of Section Thirty (30); thence South 89°45'32" West, 2301.44 feet along the south line of Northeast 1/4 to the west right of way line of the vacated Chicago Northwestern Railroad; thence North 09°38'10" East along the said west right-of-way line 25.12 feet to a 1" diameter iron pipe set on the north right-of-way line of Flanagan Ave.; thence North 09°38'10" East, 794.37 feet along the said west right-of-way line to a 3/4" diameter steel rebar set; thence continue along the said west right-of-way line 421.52 feet along the arc of a 5680 foot radius curve with a center to the northwest having, a 04°15'07" central angle, a 421.42 foot chord bearing North 07°30'36.5" East to the point of beginning; thence continue along the said west right-of-way line 420.74 feet along the arc of a 5680 foot radius curve with a center to the northwest having, a 04°14'39" central angle, a 420.65 foot chord bearing North 03°15'43.5" East to a 3/4" diameter steel rebar set; thence South 88°51'36" East 46.78 feet to a 3/4" diameter steel rebar set on the southwest corner of Volume 623, Page 139 Outagamie County Registry; thence 420.04 feet along the arc of a 8532.79 foot radius curve with a center to the Northwest having, a 02°49'14" central angle, a 420.00 foot chord bearing South 02°00'43" West along the west line of property described in Volume 993, Page 311, Outagamie County Registry to a 3/4" diameter steel rebar set at the southwest corner of said Volume 993, Page 311; thence North 89°16'41" West 55.97 feet to the point of beginning.

The premises are subject to a 15 foot drainage easement along the west 15 feet of the property, the easement to remain in effect until such time as a storm sewer is installed.

TRANSFER
\$ 6.00
FEE

DEED NO. 79415

THE GRANTOR, CHICAGO AND NORTH WESTERN TRANSPORTATION COMPANY, a Delaware corporation, whose principal office is located at 400 W. Madison St., Chicago, Illinois, for the consideration of TWO THOUSAND NINE HUNDRED NINETY-FIVE AND NO/100

DOLLARS

\$ 2,995.00), conveys and quitclaims to WAUGAMIE FARMCO COOPERATIVE, a Wisconsin corporation

of Bear Creek, Wisconsin

interest in the following described real estate situated in the Village of Bear Creek, County of Outagamie, and the State of Wisconsin

to wit:

That part of the West Half of the Northeast Quarter of Section 30, Township 24 North, Range 15 East of the Fourth Principal Meridian, bounded and described as follows: Commencing at the Northwest corner of Lot 1, Clark's Second Addition to the Village of Welcome (now Bear Creek), being a point distant 50 feet Easterly, measured radially, from the center line of the Main Track (now relocated) of the Milwaukee Lake Shore and Western Railway Company (now the Chicago and North Western Transportation Company), as said main track center line was originally located and established across said Section 30; thence Southerly parallel with said original main track center line, said parallel line being also the Westerly line of said Clark's Second Addition, a distance of 165 feet to the point of beginning of the parcel of land herein described; thence Westerly radial to the last described course a distance of 53.22 feet to a point distant 9.5 feet Easterly, measured radially, from the center line of Chicago and North Western Transportation Company Spur Track ICC No. 212, as said spur track is now located; thence Southerly along a curved line parallel with said spur track center line, the long chord of which curve forms an angle of 90° 48', measured clockwise from the last described course, and has a length of 420 feet; thence Easterly along a line forming an angle of 87° 58', measured clockwise from the last described chord, a distance of 44.36 feet to a point on the Westerly line of said Clark's Second Addition; thence Northerly along said Westerly line of Clark's Second Addition a distance of 420 feet, more or less, to the point of beginning.

Subject to the rights of the public, if any, in that part of the above described real estate which may be located in Rollo Street.

Grantor further grants to the Grantee, its successors and assigns, an easement for driveway purposes over a northerly-southerly strip of land, 12 feet in width, extending northerly, from the northerly line of the above described real estate, a distance of 165 feet, more or less, to an east-west roadway, and being the northerly extension of the easterly 12 feet of said above described real estate; provided, however, Grantor, its successors and assigns, assumes no responsibility for any cost in connection with the construction, reconstruction, maintenance or repair of the existing roadway system or the relocated easement area.

Excepting and Reserving, however, unto the Grantor, its lessees, licensees, successors and assigns, the right to continue to protect, maintain, operate and use, any and all existing conduits, sewers, water mains, gas lines, electric power lines, communication lines, wires and other utilities, and easements of any kind whatsoever on said premises, including the repair, reconstruction and replacement thereof.

By the acceptance of this conveyance, the Grantee agrees for itself, its successors and assigns:

- (1) That it shall erect and maintain at its expense a fence along the westerly line of the above described real estate, if a fence is required subsequent to the date of this deed by the Grantor, its successors and assigns, or any governmental body having jurisdiction;
- (2) That the Grantor, its successors and assigns, shall be released forever from any and all obligations to furnish a driveway or other means of access to the above described real estate whether such obligations are imposed by statute or otherwise.

DATED this 1st day of October, 1975

CHICAGO AND NORTH WESTERN TRANSPORTATION COMPANY

Signed, Sealed and Delivered in Presence of:

M. F. Chatterton
M. F. Chatterton

Dortheia Bryant
Dortheia Bryant

By Robert W. Mickey, Assistant Vice President

Attest Bernard J. Allen, Assistant Secretary

This instrument was prepared by Chicago and North Western Transportation Company, 400 West Madison Street, Chicago, Illinois.

I, Helen M. Wright

a Notary Public duly commissioned and qualified in and for the County and State aforesaid. DO HEREBY CERTIFY that Robert W. Mickey and B. J. Allen to me personally known and known to me to be, respectively, Assistant Vice President and Assistant Secretary of CHICAGO AND NORTH WESTERN TRANSPORTATION COMPANY, a Delaware corporation, and the identical persons whose names are subscribed to the foregoing instrument, appeared before me this day in person, and being first duly sworn by me, severally acknowledged to me that they are, respectively, Asst. Vice President and Asst. Secretary of said corporation; that as such officers they signed, sealed and delivered said instrument in behalf of said corporation by authority and order of its Board of Directors, as the free and voluntary act and deed of said corporation, and as their own free and voluntary act; that the seal affixed to said instrument is the seal of said corporation; and that said corporation executed said instrument for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal as such Notary Public, at Chicago, Illinois, this 1st of October, 19 75.

Helen M. Wright
Notary Public, in and for the County of Cook,
in the State of Illinois,
Helen M. Wright

My Commission Expires: March 9, 1978

No. 791541

QUIT-CLAIM DEED

CHICAGO AND NORTH WESTERN
TRANSPORTATION COMPANY

TO

State of Wisconsin)
County of Cutwagmie) ss.

This instrument was filed for record in the Register of Deeds

Office, in and for said County, on the

1st day of October

A.D. 19 75 at 10 o'clock P

and recorded

in 973 of Records

on page 11 thereof.

J. P. ROSS

Donald B. Willink, Atty.
One West Main St.
Madison, WI. 53703 7.00

DONALD D. WILLINK
ONE WEST MAIN ST
MADISON, WIS. 53703

DEED OF RELEASE

KNOW ALL MEN BY THESE PRESENTS, that THE FIRST NATIONAL BANK OF CHICAGO, a National Banking Association duly organized and existing under the laws of the United States of America (hereinafter referred to as the "Trustee"), as Trustee under Indenture of Mortgage and Deed of Trust dated as of January 1, 1939, between Chicago and North Western Railway Company, a corporation duly organized under the laws of the State of Wisconsin, and said The First National Bank of Chicago, as supplemented and amended (Chicago and North Western Transportation Company, a Delaware corporation, being Successor Mortgagor), recorded in the office of the Secretary of State of the State of Wisconsin on June 6, 1944, in Volume 37 of Railroad Mortgages, Page 165, et seq, as supplemented and amended,

FOR AND IN CONSIDERATION of the payment of the sum of One Dollar (\$1.00) and other good and valuable considerations, the receipt of which is hereby acknowledged, does hereby RELEASE, REMISE, CONVEY and QUITCLAIM unto WAUGAMIE FARMCO COOPERATIVE, a Wisconsin corporation-----

all of the right, title and interest and every claim and demand whatsoever which said Trustee may now have or claim to have acquired in, under, through, or by virtue of said Indenture of Mortgage and Deed of Trust, as supplemented and amended, in and to the property situated in the Village of Bear Creek, County of Outagamie, and the State of Wisconsin-----

and described as follows, to wit:

That part of the West Half of the Northeast Quarter of Section 30, Township 24 North, Range 15 East of the Fourth Principal Meridian, bounded and described as follows: Commencing at the Northwest corner of Lot 1, Clark's Second Addition to the Village of Welcome (now Bear Creek), being a point distant 50 feet Easterly, measured radially, from the center line of the Main Track (now relocated) of the Milwaukee Lake Shore and Western Railway Company (now the Chicago and North Western Transportation Company), as said main track center line was originally located and established across said Section 30; thence Southerly parallel with said original main track center line, said parallel line being also to the Westerly line of said Clark's Second Addition, a distance of 165 feet to the point of beginning of the parcel of land herein described; thence Westerly radial to the last described course a distance of 53.22 feet to a point distant 9.5 feet Easterly, measured radially, from the center line of Chicago and North Western Transportation Company Spur Track ICC No. 212, as said spur track is now located; thence Southerly along a curved line parallel with said spur track center line, the long chord of which curve forms an angle of $90^{\circ} 43'$, measured clockwise from the last described course, and has a length of 420 feet; thence Easterly along a line forming an angle of $87^{\circ} 53'$, measured clockwise from the last described chord, a distance of 44.36 feet to a point on the Westerly line of said Clark's Second Addition; thence Northerly along said Westerly line of Clark's Second Addition a distance of 420 feet, more or less, to the point of beginning.

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This instrument shall in no manner affect the lien of said Indenture of Mortgage and Deed of Trust, as supplemented and amended, as to the remainder of the property therein described and not hereby specifically released.

IN WITNESS WHEREOF, said THE FIRST NATIONAL BANK OF CHICAGO, as Trustee as aforesaid, has caused its name to be signed to this deed of release by a Vice President or by an Assistant Vice President thereunto duly authorized, and its corporate seal to be affixed hereunto and attested by a Trust Officer or by an Assistant Secretary this 3rd day of November, A.D., Nineteen Hundred and Seventy-Five.



T. F. Grove Assistant Secretary

THE FIRST NATIONAL BANK OF CHICAGO,
as Trustee as aforesaid,

By [Signature]
A. R. Menard Vice President

WITNESSES:
TO THE SIGNATURES OF THE OFFICERS OF
THE FIRST NATIONAL BANK OF CHICAGO:

[Signature] T. OLSON
[Signature] R. E. SCHUTEN

STATE OF ILLINOIS)
COUNTY OF COOK)

SS

VOL 995 PAGE 665

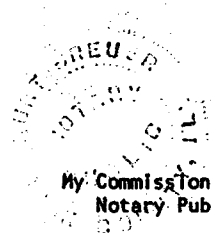
I, Kurt Breuer a Notary Public, duly commissioned and qualified in and for the County and State aforesaid and residing therein, DO HEREBY CERTIFY that A. R. Menard and T. F. Grove to me personally known and known to me to be, respectively, an Assistant Vice President and an Assistant Secretary of THE FIRST NATIONAL BANK OF CHICAGO, a National Banking Association described in and which executed the within and foregoing instrument in writing, and known to me to be the identical persons whose names are subscribed to said instrument, appeared before me this day in person, and being first duly sworn by me, did severally depose and say that

A. R. Menard resides in OAK PARK, ILLINOIS

and that T. F. Grove resides in GENEVA, ILLINOIS

and they severally acknowledged to me that they are, respectively, an Assistant Vice President and an Assistant Secretary of said Association; that as such officers they signed, sealed and delivered said instrument in behalf of said Association by authority and order of its Board of Directors as the free and voluntary act and deed of said Association, and as their own free and voluntary act; that they know the seal of said Association; that the seal affixed to said instrument is the seal of said Association; and that said Association executed said instrument for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal as such Notary Public, at Chicago, Illinois, this 3rd day of November A. D., Nineteen Hundred and Seventy-Five.



Kurt Breuer
Kurt Breuer NOTARY PUBLIC
in and for the County of Cook in
the State of Illinois.

My Commission as such
Notary Public Expires: JAN 30 1977

This document was drafted by the Chicago and North Western Transportation Company,
400 West Madison Street, Chicago, Illinois 60606.

VOL 995 PAGE 666

OUTAGAMIE
Document # 702659

REGISTER'S OFFICE
OUTAGAMIE COUNTY, WIA.

Received by Record the
17

of *Shawnee* no. 10 75

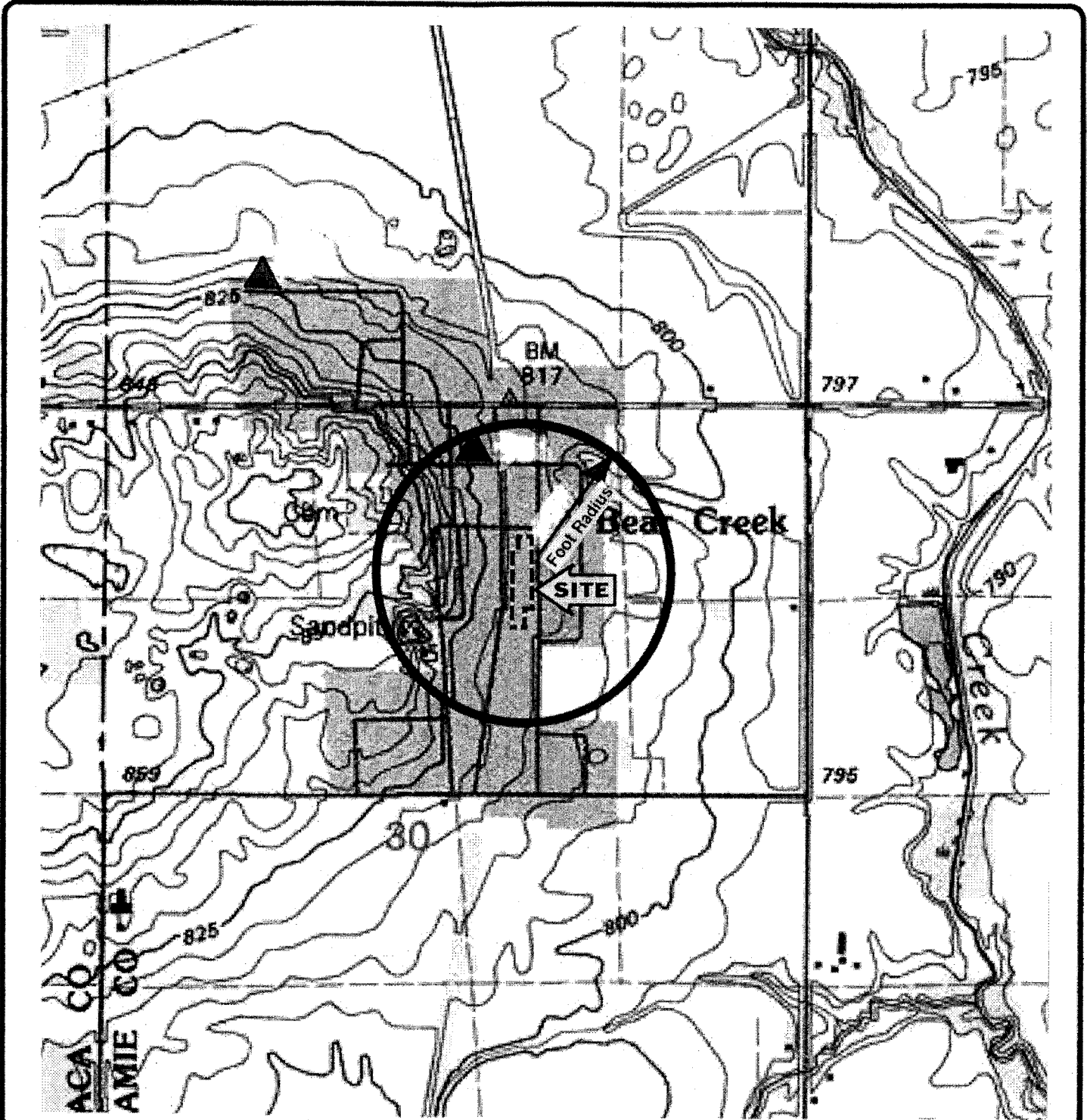
1995

663

S. P. Williams, III

4/10

Return to: Mr. Donald D. Willkie
Attorney at Law
P.O. Box 2236
Madison, WI 53701.



NOTES

- 1) Site is located in the NW1/4 of the NE1/4 of Section 30, T24N, R15E, Village of Bear Creek, Deer Creek Township, Outagamie County, WI.
- 2) Base map from Bear Creek, Wisconsin 7.5 minute USGS topographic quadrangle map (1989).

LEGEND



SCALE: 1" = 1000'

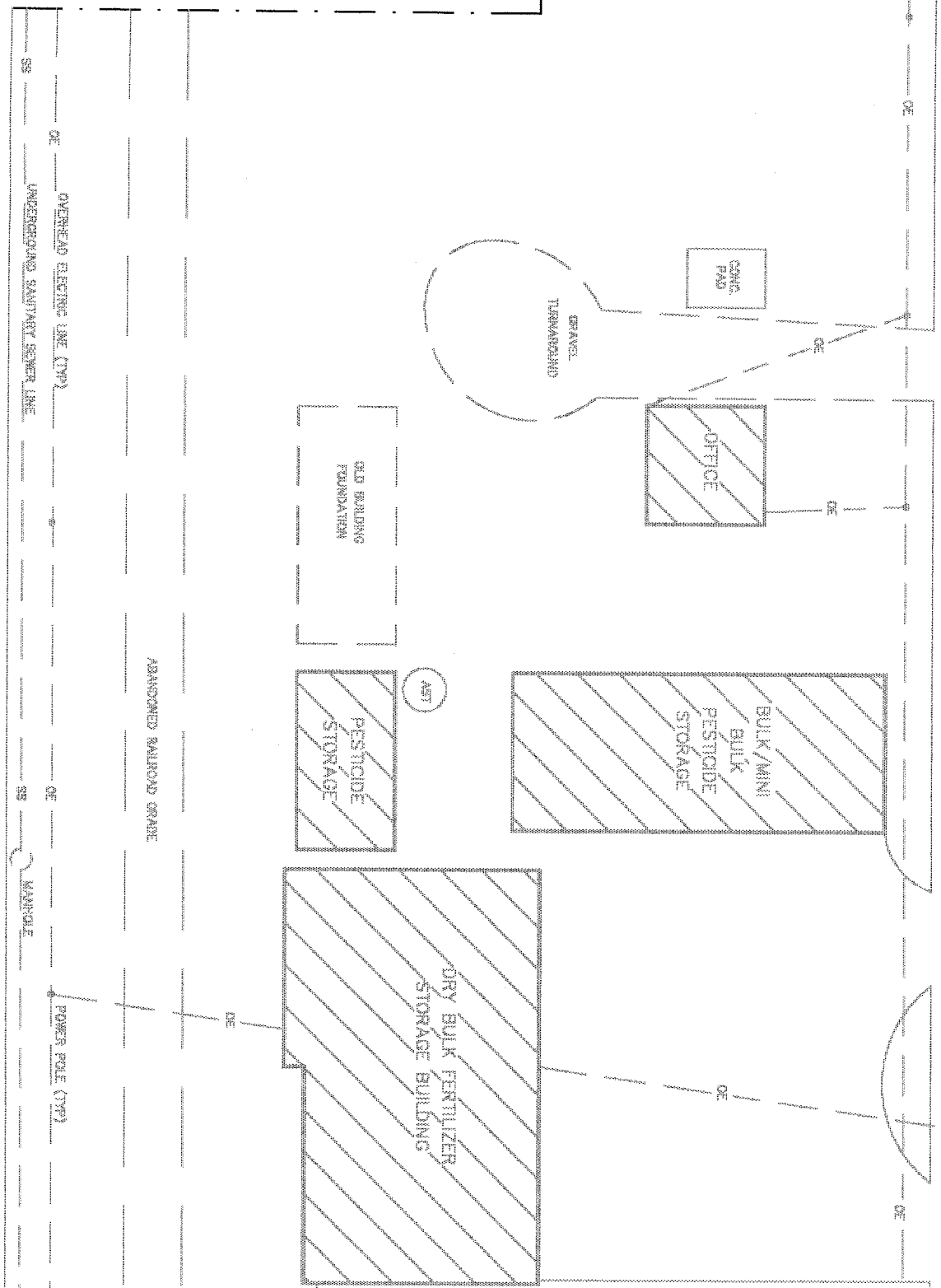
REA RESOURCE
ENGINEERING
ASSOCIATES, INC.
8505 University Green, Suite 200
Middleton, Wisconsin 53562-2507
608-831-6563 (Fax 831-6564)

WAUGAMIE FS COOPERATIVE
Clark Street
Bear Creek, Wisconsin
SITE VICINITY MAP & MUNICIPAL
WELL LOCATION PLAN

Date: Dec 2002
Drawn: SKB
Ck'd: WWB
Proj # 990032.3
bearcreek24.dwg
FIGURE 1

RAILROAD AVENUE

CLARK STREET



LEGEND
 DESIGN SITE BUILDING

NOTES

- 1) All structures and locations are approximate and are based on previous site work and a base map provided by client. Base map from Keller Engineering, a schematic (figure 4) job #1348222).
- 2) See Figure 1 for site location relative to Bear Creek Watershed.
- 3) See Figure 2 for sampling locations published outside of property boundary.
- 4) Soil borings B-1 through B-11 were advanced as part of Core #1 by Soil Examination on October 10-12, 1998.

PROPERTY LINE
 (TYP)

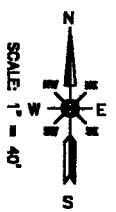


TABLE 4-1 CUMULATIVE ANALYTICAL RESULTS OF GROUNDWATER SAMPLES COLLECTED BY WDNR FROM RESIDENTIAL WELLS FROM FEBRUARY 10, 1986 TO JULY 11, 1988

Well Number	Sample Date	Nitrate-N (mg/l) PAL=2 ES=10	Atrazine (ug/l) PAL=0.3 ES=3	Alachlor (ug/l) PAL=0.2 ES=2	Metolachlor (ug/l) PAL=1.5 ES=15	Cyanazine (ug/l) PAL=1.25 ES=12.5	Terbufos (ug/l) PAL=NS ES=NS	Linuron (ug/l) PAL=NS ES=NS	Butylate (ug/l) PAL=6.7 ES=67	Dicamba (ug/l) PAL=60 ES=300	Eptam (ug/l) PAL=50 ES=250	Prometon (ug/l) PAL=NS ES=NS
13*	2/17/87	3.6	4.3	0.4	ND	NA	NA	NA	NA	NA	NA	NA
	3/30/87	5.6	1.7	ND	ND	ND	ND	ND	ND	ND	NA	NA
17*	3/17/87	6.3	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA
	6/29/87	6.3	1.7	ND	ND	NA	NA	NA	NA	NA	NA	NA
	9/22/87	6.9	2.2	ND	ND	ND	ND	ND	ND	ND	NA	NA
	12/17/87	6.6	1.4	ND	ND	ND	NA	NA	NA	NA	NA	NA
	7/11/88	5.3	4.3	ND	ND	ND	NA	NA	NA	NA	NA	NA
18*	8/4/87	2.1	3.3	ND	ND	ND	ND	ND	ND	ND	NA	1.3
	9/22/87	1.5	6.0	ND	ND	NA	NA	NA	NA	NA	NA	ND
	11/30/87	2.3	6.1	ND	ND	ND	NA	NA	NA	NA	NA	1.3
21*	2/10/86	36.0	6.7	ND	ND	NA	NA	NA	NA	NA	NA	NA
	1/20/87	NA	24.0	1.2	ND	1.2	NA	NA	NA	NA	NA	NA
	3/30/87	64.0	19.0	1.6	ND	1.2	ND	ND	ND	1.1	NA	NA
22	2/17/87	4.8	1.4	ND	ND	NA	NA	NA	NA	NA	NA	NA
	3/30/87	5.1	2.0	ND	ND	ND	ND	ND	ND	ND	NA	NA
23	3/2/87	10.0	2.2	ND	ND	NA	NA	NA	NA	NA	NA	NA
	4/6/87	12.1	2.0	ND	ND	ND	ND	ND	ND	ND	NA	NA
	11/30/87	12.0	1.1	ND	ND	ND	NA	NA	NA	NA	NA	1.0
25*	1/20/87	NA	28.0	2.1	ND	NA	NA	NA	NA	NA	NA	NA
	3/24/87	27.0	36.0	7.2	ND	ND	ND	ND	ND	3.7	NA	NA
	12/17/87	25.0	71.0	30.0	6.1	1.1	NA	NA	NA	ND	NA	NA
27*	2/17/86	87.0	46.0	54.0	1.3	NA	NA	NA	NA	NA	NA	NA
	3/24/87	88.0	52.0	58.0	ND	ND	ND	ND	ND	7.9	NA	NA
	1/30/87	76.0	43.0	75.0	4.0	ND	ND	NA	NA	13.0	NA	NA
28*	1/20/87	NA	550.0	540.0	8.7	3.0	NA	NA	NA	NA	NA	NA
	2/17/87	89.0	290.0	160.0	2.7	11.0	52.0	34.0	2.9	95.0	ND	NA
	11/30/87	83.0	1000.0	1800.0	18.0	110.0	ND	ND	ND	ND	2.7	NA
29	5/12/87	3.0	0.11	ND	ND	NA	NA	NA	NA	NA	NA	NA
	6/29/87	3.0	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
	11/30/87	2.1	1.1	6.3	ND	ND	NA	NA	NA	NA	NA	NA

Huffman
Phase I
6/15/96

TABLE 4-1 (Continued) CUMULATIVE ANALYTICAL RESULTS OF GROUNDWATER SAMPLES COLLECTED BY WDNR FROM RESIDENTIAL WELLS FROM FEBRUARY 10, 1986 TO JULY 11, 1988

Well Number	Sample Date	Nitrate-N (mg/l) PAL=2 ES=10	Atrazine (ug/l) PAL=0.3 ES=3	Alachlor (ug/l) PAL=0.2 ES=2	Metolachlor (ug/l) PAL=1.5 ES=15	Cyanazine (ug/l) PAL=1.25 ES=12.5	Terbufos (ug/l) PAL=NS ES=NS	Linuron (ug/l) PAL=NS ES=NS	Butylate (ug/l) PAL=6.7 ES=67	Dicamba (ug/l) PAL=60 ES=300	Eptam (ug/l) PAL=50 ES=250	Prometon (ug/l) PAL=NS ES=NS
30*	2/10/86	13.0	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	1/20/87	8.8	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
	3/30/87	18.4	8.1	ND	ND	ND	ND	ND	ND	ND	NA	NA
31*	2/17/87	14.4	82.0	8.7	3.9	8.8	NA	NA	NA	NA	NA	NA
	3/24/87	13.8	80.8	8.4	ND	8.4	ND	ND	ND	ND	NA	NA
	11/30/87	12.6	58.0	8.1	ND	ND	NA	NA	NA	NA	NA	NA
32*	2/17/87	21.0	7.0	0.35	ND	NA	NA	NA	NA	NA	NA	NA
	3/24/87	22.0	9.0	1.0	ND	ND	ND	ND	ND	ND	NA	NA
33*	6/29/87	4.4	6.9	ND	ND	NA	NA	ND	NA	NA	NA	NA
	8/4/87	4.5	8.3	ND	ND	ND	ND	ND	NA	ND	NA	0.3
	11/30/87	4.6	8.8	ND	ND	ND	NA	NA	NA	NA	NA	ND
34	7/11/88	5.9	1.4	ND	ND	ND	NA	NA	NA	NA	NA	NA
35*	2/10/86	15.1	20.0	ND	ND	NA	NA	NA	NA	NA	NA	NA
	1/20/87	NA	13.0	0.8	ND	NA	NA	NA	NA	NA	NA	NA
	3/24/87	16.5	12.0	ND	ND	ND	ND	ND	ND	ND	NA	NA
	12/17/87	15.9	8.6	0.4	0.5	ND	NA	NA	NA	NA	NA	NA
36*	1/20/87	NA	14.0	4.7	3.1	NA	NA	NA	NA	NA	NA	NA
	3/30/87	18.0	9.3	3.4	2.6	ND	ND	ND	ND	ND	NA	NA
	6/3/87	16.0	20.0	8.9	6.3	ND	ND	ND	ND	ND	NA	NA
39	6/29/87	0.5	3.9	ND	ND	NA	NA	NA	NA	NA	NA	NA
	8/4/87	0.5	2.8	ND	ND	ND	ND	ND	ND	ND	NA	0.5
	12/17/87	1.6	3.3	ND	ND	ND	NA	NA	NA	NA	NA	1.0
41	7/11/88	3.8	2.6	ND	ND	ND	NA	NA	NA	NA	NA	NA
44	3/2/87	4.0	0.66	ND	ND	NA	NA	NA	NA	NA	NA	NA
	4/13/87	4.1	1.2	ND	ND	ND	ND	ND	ND	ND	NA	NA
	11/30/87	3.4	3.5	ND	ND	ND	NA	NA	NA	NA	NA	NA
	7/11/88	3.7	2.6	ND	ND	ND	NA	NA	NA	NA	NA	NA
45	2/24/87	8.7	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	6/29/87	6.4	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	12/7/87	6.6	0.58	ND	ND	ND	NA	NA	NA	NA	NA	NA

TABLE 4-1 (Continued) CUMULATIVE ANALYTICAL RESULTS OF GROUNDWATER SAMPLES COLLECTED BY WDNR FROM RESIDENTIAL WELLS FROM FEBRUARY 10, 1986 TO JULY 11, 1988

Well Number	Sample Date	Nitrate-N (mg/l) PAL=2 ES=10	Atrazine (ug/l) PAL=0.3 ES=3	Alachlor (ug/l) PAL=0.2 ES=2	Metolachlor (ug/l) PAL=1.5 ES=15	Cyanazine (ug/l) PAL=1.25 ES=12.5	Terbufos (ug/l) PAL=NS ES=NS	Linuron (ug/l) PAL=NS ES=NS	Butylate (ug/l) PAL=6.7 ES=67	Dicamba (ug/l) PAL=60 ES=300	Eptam (ug/l) PAL=50 ES=250	Prometon (ug/l) PAL=NS ES=NS
46	2/17/87	5.2	1.8	ND	ND	NA	NA	NA	NA	NA	NA	NA
	3/24/87	5.6	2.4	ND	ND	ND	ND	ND	ND	ND	NA	NA
	12/17/87	4.1	0.32	ND	ND	ND	NA	NA	NA	NA	NA	NA
51	6/29/87	1.2	1.3	0.2	ND	NA	NA	NA	NA	NA	NA	NA
	8/4/87	ND	2.9	ND	ND	ND	ND	ND	ND	ND	NA	4.8
	12/17/87	1.2	3.0	ND	ND	ND	NA	NA	NA	NA	NA	4.8
52*	2/24/87	83.0	22.0	32.0	35.0	NA	NA	NA	NA	NA	NA	NA
	3/24/87	81.0	19.0	24.0	ND	1.4	ND	ND	ND	2.1	NA	NA
	11/2/87	NA	14.0	23.0	31.0	ND	ND	ND	ND	360.0	NA	ND
	11/30/87	37.0	17.0	34.0	6.3	ND	ND	ND	NA	350.0	NA	NA
53	2/10/86	3.1	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	1/20/87	NA	3.0	ND	ND	NA	NA	NA	NA	NA	NA	NA
	3/30/87	5.2	3.0	ND	ND	ND	ND	ND	ND	ND	NA	NA
54	6/29/88	2.0	0.36	ND	ND	ND	NA	NA	NA	NA	NA	NA
57	2/24/87	3.2	0.31	ND	ND	NA	NA	NA	NA	NA	NA	NA
	3/30/87	3.1	0.71	ND	ND	ND	ND	ND	ND	ND	NA	NA
	11/30/87	2.4	1.6	ND	ND	ND	NA	NA	NA	NA	NA	NA
59	6/29/87	4.0	0.49	ND	ND	NA	NA	NA	NA	NA	NA	NA
	8/4/87	2.1	0.76	ND	ND	ND	ND	ND	ND	ND	NA	NA
60*	10/28/86	20.0	5.0	1.5	ND	ND	ND	NA	NA	NA	ND	NA
	1/20/87	NA	5.1	0.6	ND	1.2	NA	NA	NA	NA	NA	NA
	3/24/87	43.0	5.0	1.2	ND	1.2	ND	ND	ND	1.9	NA	NA
	11/30/87	52.0	11.0	7.5	0.4	ND	NA	NA	NA	ND	NA	NA
64	5/12/87	4.8	1.1	0.27	ND	NA	NA	NA	NA	NA	NA	NA
	6/29/87	4.6	0.49	0.2	ND	ND	ND	ND	ND	ND	NA	NA
	12/17/87	2.8	2.0	0.13	ND	ND	NA	NA	NA	NA	NA	NA
65	6/29/87	3.4	3.0	ND	ND	NA	NA	NA	NA	NA	NA	NA
	8/4/87	3.2	3.3	ND	ND	ND	ND	ND	ND	ND	NA	4.0
	11/30/87	2.7	2.2	ND	ND	ND	NA	NA	NA	NA	NA	4.4

TABLE 4-1 (Continued) CUMULATIVE ANALYTICAL RESULTS OF GROUNDWATER SAMPLES COLLECTED BY WDNR FROM RESIDENTIAL WELLS FROM FEBRUARY 10, 1986 TO JULY 11, 1988

Well Number	Sample Date	Nitrate-N (mg/l) PAL=2 ES=10	Atrazine (ug/l) PAL=0.3 ES=3	Alachlor (ug/l) PAL=0.2 ES=2	Metolachlor (ug/l) PAL=1.5 ES=15	Cyanazine (ug/l) PAL=1.25 ES=12.5	Terbufos (ug/l) PAL=NS ES=NS	Linuron (ug/l) PAL=NS ES=NS	Butylate (ug/l) PAL=6.7 ES=67	Dicamba (ug/l) PAL=60 ES=300	Eptam (ug/l) PAL=50 ES=250	Prometon (ug/l) PAL=NS ES=NS
66*	6/29/87	3.3	10.0	ND	ND	NA	NA	NA	NA	NA	NA	NA
	8/4/87	2.1	12.0	ND	ND	ND	ND	ND	ND	ND	NA	NA
	11/30/87	1.9	1.8	ND	ND	ND	NA	NA	NA	NA	NA	NA
67	8/24/87	1.1	0.2	ND	ND	NA	NA	NA	NA	NA	NA	NA
	9/22/87	0.9	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
	12/17/87	0.9	0.1	ND	ND	ND	NA	NA	NA	NA	NA	NA
69*	4/13/87	3.3	0.9	0.40	ND	NA	NA	NA	NA	NA	NA	NA
	6/3/87	2.9	1.2	0.29	ND	ND	ND	ND	ND	ND	NA	NA
	12/17/87	2.5	0.92	4.2	ND	ND	NA	NA	NA	NA	NA	NA

* - Residential Well Number in which a health advisory against the potable use of the water was issued.

PAL - Preventive Action Limit, NR 140, Wis. Adm. Code.

ES - Enforcement Standard, NR 140, Wis. Adm. Code.

ND - Analyte was Not Detected.

NA - Not Analyzed.

NS - No NR 140, Wis. Adm. Code, PAL or ES Groundwater Quality Standard.

- Exceedance of the PAL or ES, NR 140, Wis. Adm. Code.

Table 2
Summary of Groundwater Sampling: Borings B-1 through B-11A
10/18, 10/19, & 10/20/99

Parameter (units)	NR 140 ES/ PAL	B-1	B-2	B-3	B-4	B-5	B-6	B-7A	B-8	B-9	B-10	B-11A
Screened Interval (ft bg)		19-24	19-24	19-24	19-24	19-24	19-24	19-24	19-24	19-24	19-24	19-24
NO ₃ +NO ₂ (mg/l)	10/2	<u>2.6</u>	<u>3.1</u>	<u>3.5</u>	<u>2.7</u>	<u>2.7</u>	1.8	1.9	<u>3.9</u>	1.9	<u>2.1</u>	<u>2.1</u>
N-ammonia (mg/l)	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
EPTC (μg/l)	250/50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Butylate (μg/l)	67/6.7	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Trifluralin (μg/l)	7.5/0.75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Desethylatrazine (μg/l)	--	<0.25	<0.25	0.11	<0.25	<0.25	<0.25	<0.25	0.36	<0.25	<0.25	<0.25
Desisopropylatrazine (μg/l)	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Prometon (μg/l)	90/18	<0.25	<0.25	0.58	<0.25	<0.25	<0.25	<0.25	0.21	<0.25	<0.25	<0.25
Propazine (μg/l)	--	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Atrazine (μg/l)	3.0/0.3	<0.10	<0.10	0.16	0.15	<0.10	<0.10	<0.10	<u>0.43</u>	0.076	0.035	<0.10
Simazine (μg/l)	4.0/0.4	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Acetochlor (μg/l)	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dimethenamid (μg/l)	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Alachlor (μg/l)	2.0/0.2	<0.50	<0.50	9.0	<0.50	<0.50	<0.50	<0.50	2.5	0.17	<0.50	<0.50
Metribuzin (μg/l)	250/50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Metolachlor (μg/l)	15/1.5	<0.50	<0.50	<u>6.5</u>	1.0	<0.50	<0.50	<0.50	<u>9.6</u>	0.52	<0.50	0.40
Chlorpyrifos (μg/l)	--	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Pendimethalin (μg/l)	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Cyanazine (μg/l)	1.0/0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10

Notes: mg/l milligrams per liter
 NO₃+NO₂ nitrite plus nitrate
 μg/l micrograms per liter (1,000 μg/l = 1 mg/l)

Bold indicates compound concentration exceeded NR 140 enforcement standard
 Underline indicates compound concentration exceeded NR 140 preventive action level

Table 2 Cont.
Summary of Groundwater Sampling: Borings B-12 through B-15
10/18, 10/19, & 10/20/99

Parameter (units)	NR 140 ES/PAL	B-12	B-13	B-14	B-15
Screened Interval (ft bg)		15-20	15-20	15-20	15-20
NO ₃ +NO ₂ (mg/l)	10/2	<u>2.8</u>	12.0	<1.0	<u>3.6</u>
N-ammonia (mg/l)	--	<1.0	<1.0	<1.0	<1.0
EPTC (µg/l)	250/50	<0.25	<0.25	<0.25	<0.25
Butylate (µg/l)	67/6.7	<0.25	<0.25	<0.25	<0.25
Trifluralin (µg/l)	7.5/0.75	<0.50	<0.50	<0.50	<0.50
Desethylatrazine (µg/l)	--	<0.25	<0.25	<0.25	<0.25
Desisopropylatrazine (µg/l)	--	<0.25	<0.25	<0.25	0.22
Prometon (µg/l)	--	<0.25	<0.25	<0.25	<0.25
Propazine (µg/l)	--	<0.10	<0.10	<0.10	<0.10
Atrazine (µg/l)	3.0/0.3	<0.10	<0.10	<0.10	<0.10
Simazine (µg/l)	4.0/0.4	<0.10	<0.10	<0.10	<0.10
Acetochlor (µg/l)	--	<0.50	<0.50	<0.50	<0.50
Dimethenamid (µg/l)	--	<0.50	<0.50	<0.50	<0.50
Alachlor (µg/l)	2.0/0.2	<0.50	<0.50	<0.50	<0.50
Metribuzin (µg/l)	250/50	<0.25	<0.25	<0.25	<0.25
Metolachlor (µg/l)	15/1.5	<0.50	<0.50	<0.50	<0.50
Chlorpyrifos (µg/l)	--	<0.10	<0.10	<0.10	<0.10
Pendimethalin (µg/l)	--	<0.25	<0.25	<0.25	<0.25
Cyanzine (µg/l)	1.0/0.1	<0.10	<0.10	<0.10	<0.10

Notes: mg/l = milligrams per liter µg/l = micrograms per liter (1,000 µg/l = 1 mg/l)
 NO₃+NO₂ = nitrite plus nitrate
 Bold indicates compound concentration exceeded NR 140 enforcement standard
 Underline indicates compound concentration exceeded NR 140 preventive action level

Table 1. Waugamie FS Coop
Summary of Groundwater Sampling Monitoring Wells

Parameter (units)	Date Samp led	NR 140 ES/ PAL	MW-1	MW-2	GM-2B	MW-3	GM-3B	MW-4	MW-5	GM-5B	MW-6	GM-7A	GM-7B	MW-8*	MW-8A*	MW-8B*	MW-9	MW-9A	MW-9B	
Screened Interval (ft bg)			19.8-29.8	15-25	30.2-35.2	15.5-25.5	29.4-34.4	19.2-29.2	14.1-24.1	39-44	14.8-24.8	10.3-20.3	24.5-29.5	13-23	30-35	40-45	15-25	30-35	40-45	
NO ₃ +NO ₂ (mg/l)	3/88	10/2	1.5	35.6	NA	93.3	NA	17.7	16.2	NA	3.3	NA	NA	NA	NA	NA	NA	NA	NA	
	9/89		0.8	94	48	200	21	2.8	29	5.5	33	4.1	43	NA	NA	NA	NA	NA	NA	NA
	11/89		2.2	35	3.3	180	37	2.8	22	8.3	3.9	5.4	49	NA	NA	NA	NA	NA	NA	NA
	3/90		2.5	110	37	330	4	2.9	25	22	4.2	3	40	NA	NA	NA	NA	NA	NA	NA
	6/90		1.6	82	120	78	3.3	1.7	14	11	4	4	26	NA	NA	NA	NA	NA	NA	NA
	9/90		1.2	91	57	94	96	2.6	22	4.3	3.6	4.3	34	NA	NA	NA	NA	NA	NA	NA
	12/90		4.3	56	7.6	230	21	3.7	20	37	2.9	2.2	1.4	NA	NA	NA	NA	NA	NA	NA
	6/96		0.652	1.64	12.2	4.75	1.88	NA	2.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/99		1.9	4.8	2.9	11.0	2.4	4.5	2.6	2.1	2.5	4.8	8.4	NA	NA	NA	NA	NA	NA	NA
	2/00		1.6	5.9	2.6	4.6	2.4	4.0	1.9	1.8	1.6	6.6	8.6	1.8	2.1	2.5	NA	NA	NA	NA
	5/00		1.3	10.0	3.9	4.2	3.1	4.5	2.5	1.6	1.9	6.8	11.0	2.2	2.2	4.5	NA	NA	NA	NA
	8/00		1.3	5.9	4.0	2.9	3.6	5.1	2.1	1.6	1.3	4.2	8.0	1.2	2.2	4.2	NA	NA	NA	NA
	11/00		NA	4.7	3.1	3.2	2.9	3.1	1.6	1.8	NA	3.7	6.4	1.4	1.1	3.4	NA	NA	NA	NA
	4/01		NA	NA	NA	2.8	3.5	NA	2.8	2.0	NA	NA	NA	1.6	2.5	4.9	4.4	6.2	5.7	7.1
7/01	NA	NA	NA	1.9	3.8	NA	<1.0	2.1	NA	NA	NA	2.7	1.3	5.1	<1.0	5.5	7.1	7.1		
10/01	NA	14	NA	2.7	3.3	4.4	1.5	1.9	NA	3.2	4.4	1.3	1.2	4.5	<1.0	4.7	6.9	6.9		
N-ammonia (mg/l)	10/99	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	
	2/00		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	
	5/00		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
	8/00		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/00		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EPTC (µg/l)	10/99	250/50	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	NA	NA	NA	NA	NA	NA	
	2/00		<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	NA	NA	
	5/00		0.12	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	0.084	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	NA	NA	
	8/00		<0.29	<0.028	<0.028	<0.031	<0.028	<0.028	<0.029	<0.028	0.028	<0.028	<0.029	<0.028	<0.028	<0.028	<0.028	NA	NA	
	11/00		NA	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	NA	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	NA	NA	
Butylate (µg/l)	10/99	67/6.7	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	NA	NA	NA	NA	NA	NA	
	2/00		<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	0.10	NA	NA		
	5/00		<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	NA	NA		
	8/00		<0.030	<0.029	<0.029	<0.032	<0.029	<0.029	<0.030	<0.029	<0.029	<0.029	<0.030	<0.029	<0.029	<0.029	NA	NA		
	11/00		NA	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	NA	<0.029	<0.029	<0.029	<0.029	<0.029	NA	NA		
Trifluralin (µg/l)	10/99	7.5/0.75	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	NA	NA		
	2/00		<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.040	NA	NA		
	5/00		<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	NA	NA		
	8/00		<0.041	<0.039	<0.039	<0.043	<0.039	<0.039	<0.039	<0.041	<0.039	<0.039	<0.039	<0.040	<0.039	<0.039	<0.039	NA	NA	
	11/00		NA	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	NA	<0.039	<0.039	<0.039	<0.039	NA	NA		
Desethyl-atrazine (µg/l) <i>add w/ atrazine</i>	10/99	-	<0.250	0.10	0.094	0.140	<0.250	0.051	0.51	<0.250	<0.250	<0.250	0.13	NA	NA	NA	NA	NA		
	2/00		<0.044	0.096	0.092	0.086	<0.044	0.083	0.71	0.052	0.064	<0.044	0.18	0.045	0.11	0.40	NA	NA		
	5/00		<0.044	0.10	0.095	0.16	<0.044	0.047	0.56	0.047	<0.044	<0.044	0.18	<0.044	<0.044	0.53	NA	NA		
	8/00		<0.047	0.20	<0.044	<0.049	<0.044	<0.044	0.80	<0.044	<0.044	<0.044	<0.046	<0.044	<0.044	<0.044	NA	NA		
	11/00		NA	0.22	0.14	0.21	<0.044	<0.044	0.78	<0.044	<0.044	<0.044	0.16	<0.044	<0.044	0.47	NA	NA		
	4/01		NA	NA	NA	0.13	0.079	NA	0.26	0.049	NA	NA	NA	<0.016	<0.016	0.34	0.15	0.10		
	7/01		NA	NA	NA	0.15	0.1	NA	<0.016	<0.016	NA	NA	NA	<0.016	<0.016	0.39	<0.016	0.11		
10/01	NA	0.15	NA	0.37	0.11	0.048	0.065	0.053	NA	<0.016	0.17	<0.016	<0.016	0.44	0.028	0.12				

Parameter (units)	Date Samp led	NR 140 ES/ PAL	MW-1	MW-2	GM-2B	MW-3	GM-3B	MW-4	MW-5	GM-5B	MW-6	GM-7A	GM-7B	MW-8*	MW-8A*	MW-8B*	MW-9	MW-9A	MW-9B
Des-isopropyl-atrazine (µg/l) <i>add w/ atrazine</i>	10/99	--	<0.250	<0.250	<0.250	0.053	<0.250	<0.250	<0.25	<0.250	<0.250	<0.250	<0.25	NA	NA	NA	NA	NA	NA
	2/00		<0.064	<0.064	<0.064	<0.064	<0.064	<0.064	0.17	<0.064	<0.064	<0.064	0.15	<0.064	<0.064	0.32	NA	NA	NA
	5/00		<0.064	<0.064	<0.064	<0.064	<0.064	<0.064	0.12	<0.064	<0.064	<0.064	0.16	<0.064	<0.064	0.36	NA	NA	NA
	8/00		<0.067	<0.064	<0.064	<0.070	<0.064	<0.064	0.22	<0.064	<0.064	<0.064	<0.066	<0.064	<0.064	<0.064	NA	NA	NA
	11/00		NA	0.091	<0.064	0.093	0.97	<0.064	0.16	<0.064	NA	<0.064	0.18	<0.064	<0.064	0.43	NA	NA	NA
	4/01		NA	NA	NA	<0.017	<0.017	NA	<0.017	<0.017	NA	NA	NA	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017
	7/01		NA	NA	NA	<0.018	<0.017	NA	<0.017	<0.017	NA	NA	NA	<0.017	<0.017	0.20	<0.017	<0.017	<0.017
	10/01		NA	0.076	NA	0.19	0.12	<0.017	<0.017	<0.017	NA	<0.017	0.096	<0.017	<0.017	0.22	<0.017	0.045	0.021
Prometon (µg/l)	6/96	90/18	ND	0.29	ND	ND	ND	ND	0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/99		<0.250	0.22	<0.250	0.091	<0.250	<0.250	<0.25	<0.250	<0.250	<0.250	<0.25	NA	NA	NA	NA	NA	NA
	2/00		<0.069	0.22	<0.069	<0.069	<0.069	<0.069	0.13	<0.069	<0.069	<0.069	0.12	<0.069	<0.069	<0.071	NA	NA	NA
	5/00		<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	NA	NA	NA
	8/00		<0.073	<0.069	<0.069	<0.076	<0.069	<0.069	0.18	<0.069	<0.069	<0.069	<0.072	<0.069	<0.069	<0.069	NA	NA	NA
	11/00		NA	0.29	<0.069	0.079	<0.069	<0.069	0.14	<0.069	NA	<0.069	0.098	<0.069	<0.069	<0.069	NA	NA	NA
	4/01		NA	NA	NA	<0.018	<0.018	NA	0.061	<0.018	NA	NA	NA	<0.018	<0.018	<0.018	<0.018	0.088	0.071
	7/01		NA	NA	NA	<0.020	0.047	NA	<0.018	<0.018	NA	NA	NA	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
Propazine (µg/l)	10/99	--	<0.100	<0.100	<0.100	0.038	<0.100	<0.100	0.051	<0.100	<0.100	<0.100	<0.100	NA	NA	NA	NA	NA	NA
	2/00		<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	0.069	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	0.083	NA	NA	NA
	5/00		<0.012	<0.012	<0.012	0.034	<0.012	<0.012	0.064	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	0.076	NA	NA	NA
	8/00		<0.013	<0.012	<0.012	<0.013	<0.012	<0.012	0.086	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	NA	NA	NA
	11/00		NA	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	NA	<0.012	<0.012	<0.012	<0.012	0.073	NA	NA	NA
Atrazine (µg/l) <i>add w/ desisop. + de sethyl</i>	3/88	3.0/0.3	11	93	NA	100	NA	<1	<1	NA	<1	NA	NA	NA	NA	NA	NA	NA	NA
	9/89		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NA	NA	NA	NA	NA	NA
	11/89		<0.1	11	<2	17	<2	<0.1	84	7	<0.1	<0.1	23	NA	NA	NA	NA	NA	NA
	3/90		<2	8	<5	40	<5	<5	140	14	<2	<1	22	NA	NA	NA	NA	NA	NA
	6/90		<0.2	7	2.7	26.7	<0.2	<0.5	26.9	32.7	0.5	<0.5	3.1	NA	NA	NA	NA	NA	NA
	9/90		<0.4	13	0.8	<2	<0.4	<0.4	68	16	<0.4	<0.4	4.6	NA	NA	NA	NA	NA	NA
	12/90		<0.5	10	0.6	70	<0.4	<3	43	<0.2	<1	<0.4	10.6	NA	NA	NA	NA	NA	NA
	6/96		ND	1.0	0.68	2.3	ND	NA	1.7	0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/99		<0.100	0.35	0.091	0.53	<0.100	0.076	1.10	0.140	<0.100	<0.100	0.43	NA	NA	NA	NA	NA	NA
	2/00		<0.010	0.26	0.061	0.28	<0.0100	0.100	0.83	0.059	<0.010	<0.010	0.40	0.055	0.12	0.43	NA	NA	NA
	5/00		<0.010	0.30	0.070	0.61	0.023	0.073	0.78	0.058	0.026	<0.010	0.42	<0.010	0.021	0.47	NA	NA	NA
	8/00		<0.011	0.21	0.11	0.46	<0.010	<0.010	1.10	0.053	<0.010	<0.010	0.34	<0.010	<0.010	0.48	NA	NA	NA
	11/00		NA	0.20	0.043	0.41	<0.010	0.028	0.44	<0.010	NA	<0.010	0.20	<0.010	<0.010	0.29	NA	NA	NA
	4/01		NA	NA	NA	0.32	<0.0061	NA	0.42	0.060	NA	NA	NA	<0.006	<0.006	0.5	0.23	0.98	0.46
7/01		NA	NA	NA	0.55	<0.0061	NA	0.057	0.053	NA	NA	NA	<0.0061	<0.006	0.5	<0.0061	0.76	0.33	
10/01		NA	0.42	NA	1.3	<0.0061	0.054	0.10	0.051	NA	<0.006	0.39	<0.0061	<0.006	0.48	0.040	0.80	0.41	
Simazine (µg/l)	6/96	4.0/0.4	NA	NA	NA	0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/99		<0.100	0.027	<0.100	0.068	<0.100	<0.100	0.036	<0.100	<0.100	<0.100	0.046	NA	NA	NA	NA	NA	NA
	2/00		<0.010	0.049	<0.010	0.073	<0.010	<0.010	0.024	<0.010	<0.010	<0.010	0.033	<0.010	<0.010	<0.010	NA	NA	NA
	5/00		<0.010	0.030	0.025	0.083	<0.010	<0.010	0.020	<0.010	<0.010	<0.010	0.052	<0.010	<0.010	0.040	NA	NA	NA
	8/00		<0.011	<0.010	<0.010	0.22	<0.010	<0.010	0.057	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	NA	NA	NA
	11/00		NA	<0.010	<0.010	0.11	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.010	<0.010	<0.010	<0.010	NA	NA	NA
	4/01		NA	NA	NA	0.063	<0.006	NA	<0.006	<0.006	NA	NA	NA	<0.006	<0.006	0.031	<0.006	0.064	<0.006
	7/01		NA	NA	NA	0.12	<0.0059	NA	<0.0059	<0.006	NA	NA	NA	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Aceto-chlor (µg/l)	10/99	--	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	NA	NA	NA
	2/00		<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	NA	NA	NA
	5/00		<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	0.052	<0.051	<0.051	<0.051	NA	NA	NA
	8/00		<0.053	<0.051	<0.051	<0.056	<0.051	<0.051	<0.053	<0.051	<0.051	<0.051	<0.053	<0.051	<0.051	<0.051	NA	NA	NA
	11/00		NA	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	NA	<0.051	<0.051	<0.051	<0.051	<0.051	NA	NA	NA

Parameter (units)	Date Sampled	NR 140 ES/PAL	MW-1	MW-2	GM-2B	MW-3	GM-3B	MW-4	MW-5	GM-5B	MW-6	GM-7A	GM-7B	MW-8*	MW-8A*	MW-8B*	MW-9	MW-9A	MW-9B
Dimethenamid (µg/l)	10/99	---	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	NA	NA	NA
	2/00		<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	NA	NA
	5/00		<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	NA	NA
	8/00		<0.053	<0.051	<0.051	<0.051	<0.056	<0.051	<0.051	<0.053	<0.051	<0.051	<0.051	<0.053	<0.051	<0.051	<0.051	NA	NA
	11/00		NA	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	NA	<0.051	<0.051	<0.051	<0.051	<0.051	NA	NA
Alachlor (µg/l)	3/88	2.0/0.2	<1	6	NA	31	NA	<1	<1	NA	<1	NA	NA	NA	NA	NA	NA	NA	
	9/89		<0.2	<0.2	<0.2	0.79	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NA	NA	NA	NA	NA
	11/89		<0.1	70	0.1	360	0.9	<2	<2	<2	3.4	<2	<2	25.3	NA	NA	NA	NA	NA
	3/90		<0.1	130	0.8	700	<0.2	<0.5	68	2.8	<0.1	<0.05	23	NA	NA	NA	NA	NA	NA
	6/90		<0.02	77	22	470	<0.01	<0.05	24	10.7	<0.02	<0.05	2.3	NA	NA	NA	NA	NA	NA
	9/90		<0.04	91	3.4	197	0.35	<0.04	38	8.29	<0.04	0.14	4.9	NA	NA	NA	NA	NA	NA
	12/90		<0.01	83	0.8	900	0.2	<0.05	27	4.6	<0.02	<0.04	6.7	NA	NA	NA	NA	NA	NA
	6/96		ND	4.4	0.68	8.4	ND	NA	15	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/99		<0.500	0.73	0.170	4.2	<0.500	<0.500	1.8	<0.500	<0.500	<0.500	<0.50	NA	NA	NA	NA	NA	NA
	2/00		<0.049	0.28	<0.049	1.5	<0.049	<0.049	2.5	<0.049	<0.049	<0.049	1.5	<0.049	<0.049	<0.049	<0.050	NA	NA
	5/00		<0.049	0.28	<0.049	3.4	<0.049	<0.049	4.6	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	0.30	NA	NA
	8/00		<0.052	0.92	0.25	2.2	<0.049	<0.049	7.7	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	0.32	NA	NA
	11/00		NA	0.53	<0.049	5.3	<0.049	<0.049	2.9	<0.049	NA	<0.049	<0.049	<0.049	<0.049	<0.049	0.23	NA	NA
	4/01		NA	NA	NA	0.96	<0.033	NA	2.1	<0.033	NA	NA	NA	NA	<0.033	<0.033	0.18	1.0	11.0
	7/01		NA	NA	NA	1.3	<0.033	NA	0.26	<0.033	NA	NA	NA	NA	<0.033	<0.033	0.15	<0.033	7.9
10/01	NA	0.72	NA	2.9	<0.033	<0.033	0.37	<0.033	NA	<0.033	<0.033	<0.033	<0.033	<0.033	0.14	0.16	8.5		
Metribuzin (µg/l)	10/99	250/50	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	NA	NA	NA	NA	NA	
	2/00		<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	0.072	<0.042	<0.042	NA	NA	
	5/00		<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	NA	NA
	8/00		<0.044	<0.042	<0.042	<0.046	<0.042	<0.042	0.061	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	5.0	NA	NA
	11/00		NA	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	NA	<0.042	<0.042	<0.042	<0.042	<0.042	NA	NA
Metolachlor (µg/l)	6/96	15/1.5	ND	2.4	ND	4.8	ND	NA	22	0.46	NA	NA	NA	NA	NA	NA	NA	NA	
	10/99		<0.500	2.20	<0.500	3.4	<0.500	<0.500	1.6	0.410	<0.500	<0.500	2.9	NA	NA	NA	NA	NA	
	2/00		<0.086	0.80	<0.086	2.8	<0.086	<0.086	5.1	<0.086	<0.086	<0.086	3.4	0.37	1.2	3.6	NA	NA	
	5/00		<0.086	0.76	<0.086	4.2	<0.086	<0.086	4.6	0.19	<0.086	<0.086	2.8	<0.086	<0.086	5.6	NA	NA	
	8/00		<0.090	0.42	<0.086	1.6	<0.086	<0.086	5.3	<0.086	<0.086	<0.086	1.6	<0.086	<0.086	<0.086	NA	NA	
	11/00		NA	1.50	<0.086	3.9	<0.086	<0.086	4.8	<0.086	NA	<0.086	1.9	<0.086	<0.086	4.6	NA	NA	
	4/01		NA	NA	NA	1.5	<0.018	NA	3.1	<0.018	NA	NA	NA	NA	<0.018	<0.018	3.7	0.66	7.1
7/01	NA	NA	NA	0.93	<0.018	NA	0.40	<0.018	NA	NA	NA	NA	<0.018	<0.018	3.1	<0.018	4.8		
Chlorpyrifos (µg/l)	10/99	---	<0.100	<0.1000	<0.1000	<0.1000	<0.1000	<0.100	<0.1000	<0.100	<0.100	<0.100	<0.100	NA	NA	NA	NA	NA	
	2/00		<0.009	<0.0093	<0.0093	<0.0093	<0.0093	<0.009	<0.0093	<0.009	<0.009	<0.009	<0.009	<0.0093	<0.009	<0.009	NA	NA	
	5/00		<0.009	<0.0093	<0.0093	<0.0093	<0.0093	<0.009	<0.0093	<0.009	<0.009	<0.009	<0.009	<0.0093	<0.009	<0.009	NA	NA	
	8/00		<0.009	<0.0093	<0.0093	<0.010	<0.0093	<0.009	<0.0097	<0.009	<0.009	<0.009	<0.009	<0.009	<0.0093	<0.009	<0.009	NA	NA
	11/00		NA	<0.0093	<0.0093	<0.0093	<0.0093	<0.009	<0.0093	<0.009	<0.009	NA	<0.009	<0.009	<0.0093	<0.009	<0.009	NA	NA
Pendimethalin (µg/l)	10/99	---	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	NA	NA	NA	NA	NA	
	2/00		<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	NA	NA	
	5/00		<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	NA	NA
	8/00		<0.023	<0.022	<0.022	<0.024	<0.022	<0.022	<0.023	<0.022	<0.022	<0.022	<0.022	<0.023	<0.022	<0.022	<0.022	NA	NA
	11/00		NA	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	NA	<0.022	<0.022	<0.022	<0.022	<0.022	NA	NA
Cyanazine (µg/l)	10/99	1.0/0.1	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	NA	NA	NA	NA	NA	
	2/00		<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	0.035	0.10	NA	NA	
	5/00		<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	0.025	<0.016	<0.016	<0.016	0.020	<0.016	<0.016	0.12	NA	NA	
	8/00		<0.016	<0.016	<0.016	<0.017	<0.016	<0.016	0.040	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	0.078	NA	NA
	11/00		NA	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	NA	<0.016	<0.016	<0.016	<0.016	<0.016	0.053	NA	NA
	4/01		NA	NA	NA	<0.008	<0.008	NA	<0.008	<0.008	NA	NA	NA	NA	<0.008	<0.008	0.026	<0.008	<0.008
7/01	NA	NA	NA	<0.008	<0.008	NA	<0.008	<0.008	NA	NA	NA	NA	<0.008	<0.008	<0.008	<0.008	<0.008		

Table 1A. Waugamie FS Coop
 Summary of Groundwater Sampling - GM Monitoring Wells

Parameter (units)	Date Sampled	NR 140 ES/PAL	GM-8A	GM-8B	GM-9A	GM-9B	GM-10A	GM-10B	GM-12	GM-13	GM-14A	GM-14B	GM-14C	GM-15	GM-16	GM-17	GM-18	GM-19	GM-20	
Screened Interval (ft bg)			15-25	39-44	15-25	30-35	15-25	34-39	15.5-35.5	14-24	10-20	25-30	41-46	12-22	13.5-23.5	16-26	42-52	9-19	13-23	
NO ₃ +NO ₂ (mg/l)	9/89	10/2	<u>5.4</u>	<u>3.8</u>	NA	<u>6.6</u>	<u>5.7</u>	0.67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	11/89		<u>5.3</u>	<u>3.6</u>	<u>8.4</u>	<u>6.9</u>	<u>2.2</u>	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/90		<u>5.6</u>	<u>4.3</u>	<u>5.9</u>	<u>5.5</u>	<u>1.3</u>	0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/90		<u>6</u>	<u>4.3</u>	<u>2.7</u>	<u>5.8</u>	<u>2.9</u>	<u>2.1</u>	<u>5.1</u>	<u>5.2</u>	<u>2.5</u>	<u>6.4</u>	<u>4.6</u>	<u>1.3</u>	<u>2.1</u>	<u>4.1</u>	<u>5.2</u>	<u>2.6</u>	<u>8.5</u>	
	9/90		<u>8.6</u>	<u>3.3</u>	<u>3.9</u>	<u>5.9</u>	<0.5	<u>3.3</u>	<u>6.6</u>	<u>5.4</u>	<u>3.3</u>	<u>6.1</u>	<u>4.3</u>	1.0	1.6	<u>3.7</u>	<u>4.8</u>	<u>1.3</u>	<u>8.7</u>	
	12/90		<u>7.4</u>	<u>3.1</u>	<u>5.9</u>	<u>5.9</u>	NA	0.9	NA	NA	<u>3</u>	<u>7.7</u>	<u>4.0</u>	1.0	0.8	NA	NA	NA	NA	
Atrazine (µg/l)	9/89	3.0/0.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	11/89		<0.1	<2	<0.1	<2	8	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	3/90		<5	<5	<1	<5	3	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	6/90		<0.5	<u>2.1</u>	<0.2	<0.1	13.1	<u>1.1</u>	<0.2	<0.2	<0.5	<u>0.5</u>	<u>1.2</u>	<0.5	<0.2	<0.5	<0.2	<0.2	<0.1	
	9/90		<0.4	<u>1.1</u>	<0.4	<0.2	3.1	<u>1.0</u>	<0.4	<0.4	<0.4	<u>0.5</u>	<u>1.1</u>	<0.4	<0.2	<0.4	<0.2	<0.4	<0.4	
	12/90		<1	<u>0.6</u>	<0.5	<0.5	NA	<u>0.7</u>	NA	NA	<1	<u>1.3</u>	<u>1.3</u>	<0.5	<0.5	NA	NA	NA	NA	
Alachlor (µg/l)	9/89	2.0/0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	11/89		<2	<0.1	<2	0.1	<0.1	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	3/90		<0.5	<0.5	0.11	<0.5	<0.2	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	6/90		<0.05	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.01	<0.02	<0.05	<0.02	<0.05	<0.02	<0.02	<0.01
	9/90		<0.4	<0.02	<0.06	<0.05	<0.8	<0.04	0.06	<0.04	<0.04	<0.04	<0.03	<0.02	<0.04	<0.02	<0.04	0.06	<0.04	<0.04
	12/90		<0.01	<0.01	<0.01	<0.01	NA	<0.02	NA	NA	<0.02	<0.02	<0.02	<0.02	<0.01	<0.01	NA	NA	NA	<0.01

Notes: Bold indicates compound concentration exceeded NR 140 enforcement standard (ES)
 Underline indicates compound concentration exceeded NR 140 preventative action level (PAL)
 mg/l = milligrams per liter µg/l = micrograms per liter (1,000 µg/l = 1 mg/l)
 NO₃+NO₂ = nitrite plus nitrate fibg = feet below grade
 NA = not analyzed ND = not detected

*Where are GM-12, 13 & 18 located?
 2 rounds PAL exceedances for nitrate*

Table 1A (Continued) Waugamie FS Coop
Summary of Groundwater Sampling - GM Monitoring Wells

Parameter (units)	Date Sampled	NR 140 ES/ PAL	P-1	P-3	P-4	P-5	P-6
Screened Interval (ft bg)			17-32	17-32	19-33	16-31	26.5-31.5
NO ₃ +NO ₂ (mg/l)	9/89	10/2	NA	NA	NA	NA	NA
	11/89		NA	NA	NA	NA	NA
	3/90		NA	NA	NA	NA	NA
	6/90		<u>4.3</u>	<u>3.5</u>	1.6	1.2	NA
	9/90		<u>3.9</u>	<0.5	1.4	0.5	NA
	12/90		NA	NA	NA	NA	NA
Atrazine (µg/l)	9/89	3.0/0.3	NA	NA	NA	NA	NA
	11/89		NA	NA	NA	NA	NA
	3/90		NA	NA	NA	NA	NA
	6/90		<0.5	<u>0.4</u>	<0.5	0.2	NA
	9/90		<0.4	<0.2	<0.4	<u>0.8</u>	NA
	12/90		NA	NA	NA	NA	NA
Alachlor (µg/l)	9/89	2.0/0.2	NA	NA	NA	NA	NA
	11/89		NA	NA	NA	NA	NA
	3/90		NA	NA	NA	NA	NA
	6/90		<0.05	<0.02	<0.05	<0.02	NA
	9/90		<0.04	<0.04	<0.03	<0.05	NA
	12/90		NA	NA	NA	NA	NA

Notes: Bold indicates compound concentration exceeded NR 140 enforcement standard (ES)
 Underline indicates compound concentration exceeded NR 140 preventative action level (PAL)
 mg/l = milligrams per liter µg/l = micrograms per liter (1,000 µg/l = 1 mg/l)
 NO₃+NO₂ = nitrite plus nitrate ftbg = feet below grade
 NA = not analyzed ND = not detected

Table 3
Summary of Soil Sampling: Borings B-1 through B-3
10/18, 10/19, & 10/20/99

Parameter (units)	B-1@ 1'	B-1 @ 4'	B-1 @ 8'	B-1 @ 16'	B-1 @ 20'	B-2 @ 1'	B-2 @ 4'	B-2 @ 8'	B-2 @ 16'	B-2 @ 20'	B-3 @ 1'	B-3 @ 4'	B-3 @ 8'	B-3 @ 16'	B-3 @ 20'
NO ₃ +NO ₂ (mg/kg)	<21	<21	<20	<20	<20	<22	<20	<21	<22	<21	<23	<22	<21	23	<21
N-ammonia (mg/kg)	<21	<21	<20	<20	<20	<22	<20	<21	<22	<21	<23	<22	<21	<20	<21
EPTC (µg/kg)	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22
Butylate (µg/kg)	56	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17
Trifluralin (µg/kg)	190	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11
Desethylatrazine (µg/kg)	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
Desisopropylatrazine (µg/kg)	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26
Prometon (µg/kg)	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
Propazine (µg/kg)	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
Atrazine (µg/kg)	42	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	8.1	<6.5	<6.5	<6.5	<6.5
Simazine (µg/kg)	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0
Acetochlor (µg/kg)	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32
Dimethenamid (µg/kg)	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	41	<26	<26	<26	<26
Alachlor (µg/kg)	1,900	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38
Metribuzin (µg/kg)	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
Metolachlor (µg/kg)	710	<20	<20	<20	<20	<20	<20	<20	<20	<20	550	<20	<20	<20	<20
Chlorpyrifos (µg/kg)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pendimethalin (µg/kg)	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12
Cyanzine (µg/kg)	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14

Notes: mg/kg milligrams per kilogram µg/kg micrograms per kilogram (1,000 µg/kg = 1 mg/kg)
 NO₃+NO₂ nitrite plus nitrate

Shading indicates compound concentration exceeded laboratory detections levels

Table 3 (Continued)
 Summary of Soil Sampling: Borings B-4 through B-6
 10/18, 10/19, & 10/20/99

Parameter (units)	B-4@ 1'	B-4 @ 4'	B-4 @ 8'	B-4 @ 16'	B-4 @ 20'	B-5 @ 1'	B-5 @ 4'	B-5 @ 8'	B-5 @ 16'	B-5 @ 20'	B-6 @ 1'	B-6 @ 4'	B-6 @ 8'	B-6 @ 16'	B-6 @ 20'
NO ₃ +NO ₂ (mg/kg)	<24	<23	<20	<20	<22	<23	<21	<21	<21	<21	<23	<21	<20	<20	<20
N-ammonia (mg/kg)	<24	<23	<20	<20	<22	<23	<21	<21	<21	<21	<23	<21	<20	<20	<20
EPTC (µg/kg)	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22
Butylate (µg/kg)	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17
Trifluralin (µg/kg)	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11
Desethylatrazine (µg/kg)	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
Desisopropylatrazine (µg/kg)	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26
Prometon (µg/kg)	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
Propazine (µg/kg)	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
Atrazine (µg/kg)	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5
Simazine (µg/kg)	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0
Acetochlor (µg/kg)	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32
Dimethenamid (µg/kg)	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26
Alachor (µg/kg)	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38
Metribuzin (µg/kg)	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
Metolachlor (µg/kg)	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Chlorpyrifos (µg/kg)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pendimethalin (µg/kg)	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12
Cyanzine (µg/kg)	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14

Notes: mg/kg milligrams per kilogram µg/kg micrograms per kilogram (1,000 µg/kg = 1 mg/kg)
 NO₃+NO₂ nitrite plus nitrate

Shading indicates compound concentration exceeded laboratory detections levels

Table 3 (Continued)
Summary of Soil Sampling: Borings B-7 through B-9
10/18, 10/19, & 10/20/99

Parameter (units)	B-7@ 1'	B-7 @ 4'	B-7 @ 8'	B-7 @ 16'	B-7A @ 20'	B-8 @ 1'	B-8 @ 4'	B-8 @ 8'	B-8 @ 16'	B-8 @ 20'	B-9 @ 1'	B-9 @ 4'	B-9 @ 8'	B-9 @ 16'	B-9 @ 20'
NO ₃ +NO ₂ (mg/kg)	<23	<20	<21	<20	<20	<22	<21	<21	<20	<22	<21	<21	<20	<20	<20
N-ammonia (mg/kg)	<23	<20	<21	<20	<20	<22	<21	<21	<20	<22	<21	<21	<20	<20	<20
EPTC (µg/kg)	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22
Butylate (µg/kg)	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17
Trifluralin (µg/kg)	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11
Desethylatrazine (µg/kg)	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
Desisopropylatrazine (µg/kg)	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26
Prometon (µg/kg)	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
Propazine (µg/kg)	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	5.7	<4.8	<4.8	<4.8	<4.8
Atrazine (µg/kg)	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	84	<6.5	<6.5	<6.5	<6.5
Simazine (µg/kg)	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0
Acetochlor (µg/kg)	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32
Dimethenamid (µg/kg)	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26
Alachlor (µg/kg)	98	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38
Metribuzin (µg/kg)	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
Metolachlor (µg/kg)	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Chlorpyrifos (µg/kg)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pendimethalin (µg/kg)	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12
Cyanzine (µg/kg)	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14

Notes: mg/kg milligrams per kilogram µg/kg micrograms per kilogram (1,000 µg/kg = 1 mg/kg)
NO₃+NO₂ nitrite plus nitrate

Shading indicates compound concentration exceeded laboratory detections levels

Table 3 (Continued)
Summary of Soil Sampling: Borings B-10 through B-11
10/18, 10/19, & 10/20/99

Parameter (units)	B-10@ 1'	B-10 @ 4'	B-10 @ 8'	B-10 @ 16'	B-10 @ 20'	B-11 @ 1'	B-11 @ 4'	B-11 @ 8'	B-11 @ 16'	B-11A @ 20'
NO ₃ +NO ₂ (mg/kg)	<22	<20	<21	<22	<21	<21	<21	<20	<20	<20
N-ammonia (mg/kg)	<22	<20	<21	<22	<21	<21	<21	<20	<20	<20
EPTC (µg/kg)	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22
Butylate (µg/kg)	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17
Trifluralin (µg/kg)	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11
Desethylatrazine (µg/kg)	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
Desisopropylatrazine (µg/kg)	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26
Prometon (µg/kg)	<19	<19	<19	<19	<19	<19	<19	<19	<19	<19
Propazine (µg/kg)	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
Atrazine (µg/kg)	35	<6.5	<6.5	<6.5	<6.5	170	<6.5	<6.5	<6.5	<6.5
Simazine (µg/kg)	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0
Acetochlor (µg/kg)	<32	<32	<32	<32	<32	<32	<32	<32	<32	<32
Dimethenamid (µg/kg)	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26
Alachlor (µg/kg)	<38	<38	<38	<38	<38	53	<38	<38	<38	<38
Metribuzin (µg/kg)	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
Metolachlor (µg/kg)	<20	<20	<20	<20	38	16,000	2,700	300	25	<20
Chlorpyrifos (µg/kg)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pendimethalin (µg/kg)	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12
Cyazine (µg/kg)	<14	<14	<14	<14	<14	16	<14	<14	<14	<14

Notes: mg/kg milligrams per kilogram µg/kg micrograms per kilogram (1,000 µg/kg = 1 mg/kg)
NO₃+NO₂ nitrite plus nitrate

Bold indicates compound concentration exceeded laboratory detections levels

Table 2.
Waugamie FS Coop Groundwater Elevations

Monitoring Well #	Top Of Casing Elevation	Groundwater Elevation October 1999	Groundwater Elevation February 2000	Groundwater Elevation May 2000	Groundwater Elevation August 2000	Groundwater Elevation November 2000	Groundwater Elevation April 2001	Groundwater Elevation July 2001	Groundwater Elevation October 2001
MW-1	823.89	798.71	798.15	798.71	800.17	799.80	801.16	801.74	799.81
MW-2	819.14	797.79	797.45	798.11	799.77	799.28	800.88	801.18	798.99
GM-2B	819.30	797.78	797.41	798.09	799.76	799.27	800.86	801.14	799.01
MW-3	818.63	797.77	797.30	797.99	799.61	799.16	800.78	800.98	798.93
GM-3B	818.27	797.80	797.33	798.00	799.64	799.17	800.8	800.99	798.96
MW-4	822.04	798.05	797.76	798.41	800.09	799.6	801.15	801.55	799.86
MW-5	815.58	797.09	796.74	797.47	799.12	798.67	800.39	800.29	798.29
GM-5B	815.57	797.11	796.74	797.48	799.13	798.68	800.39	800.26	798.30
MW-6	819.81	797.45	796.93	797.66	799.24	798.84	800.51	800.51	799.20
GM-7A	814.60	797.14	796.78	797.53	799.29	798.79	800.44	800.44	798.92
GM-7B	814.58	797.14	796.79	797.53	799.28	798.79	800.43	800.43	798.90
MW-8	814.73	NA	796.11	796.90	798.60	798.15	800.02	799.52	797.61
MW-8A	814.75	NA	796.05	796.91	798.69	798.22	799.97	799.47	797.61
MW-8B	814.70	NA	NA	796.90	798.59	797.81	799.95	799.47	797.59
MW-9	811.23	NA	NA	NA	NA	NA	800.25	799.98	798.11
MW-9A	811.18	NA	NA	NA	NA	NA	800.25	799.98	798.7
MW-9B	811.30	NA	NA	NA	NA	NA	800.24	799.96	798.09

H-(2)

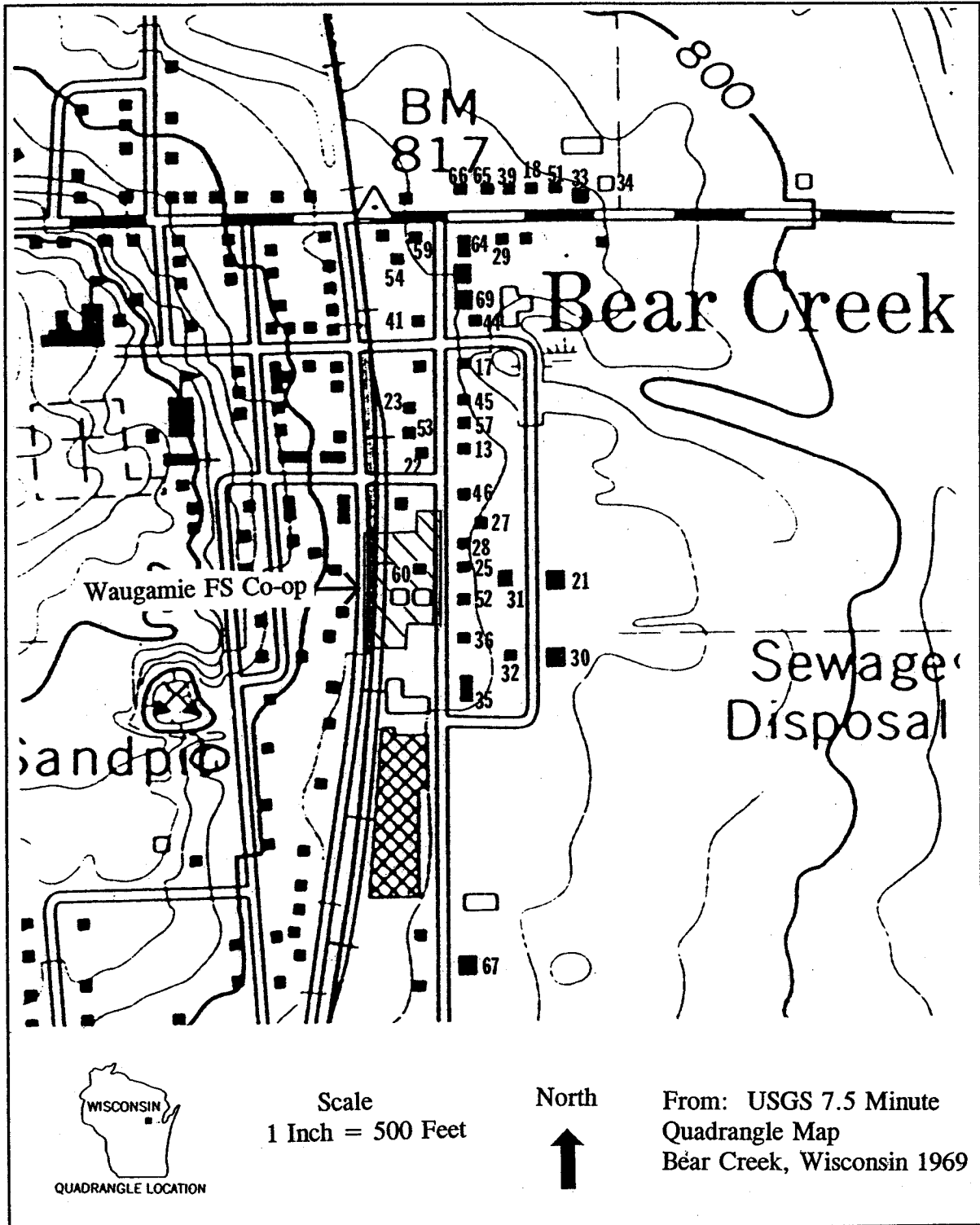
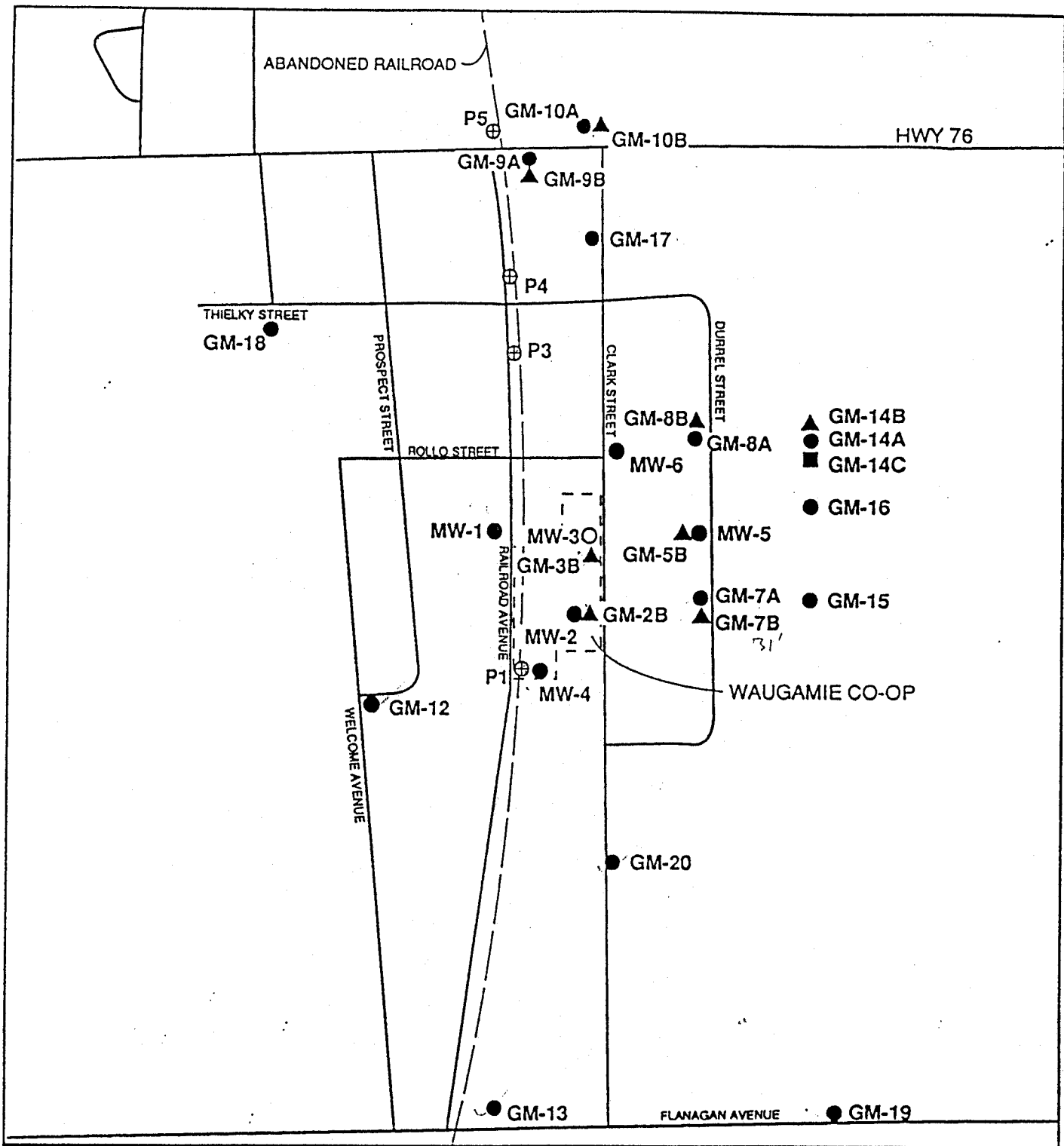
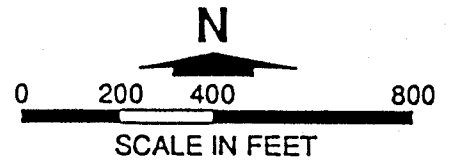


FIGURE 4-1 RESIDENTIAL WELL LOCATIONS WITH PESTICIDE AND NITRATE CONTAMINATION, SAMPLED BY WDNR FROM FEBRUARY 10, 1986 TO JULY 11, 1988



LEGEND

- GM-7A ● SHALLOW MONITORING WELL
- GM-7B ▲ MID-DEPTH MONITORING WELL
- GM-14C ■ DEEP MONITORING WELL
- ⊕ PIEZOMETER



**MONITORING WELL
AND PIEZOMETER LOCATIONS
BEAR CREEK, WISCONSIN**

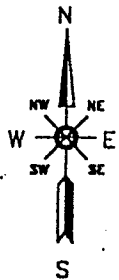
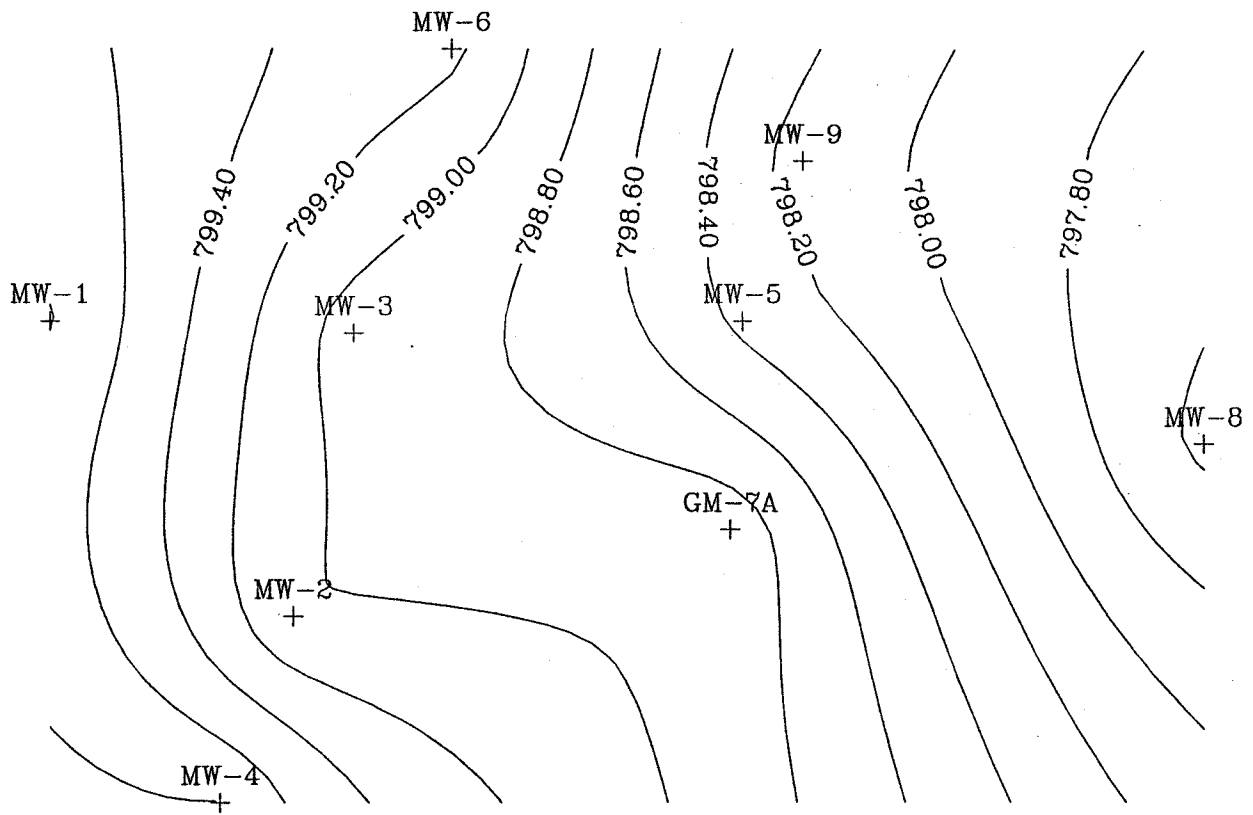


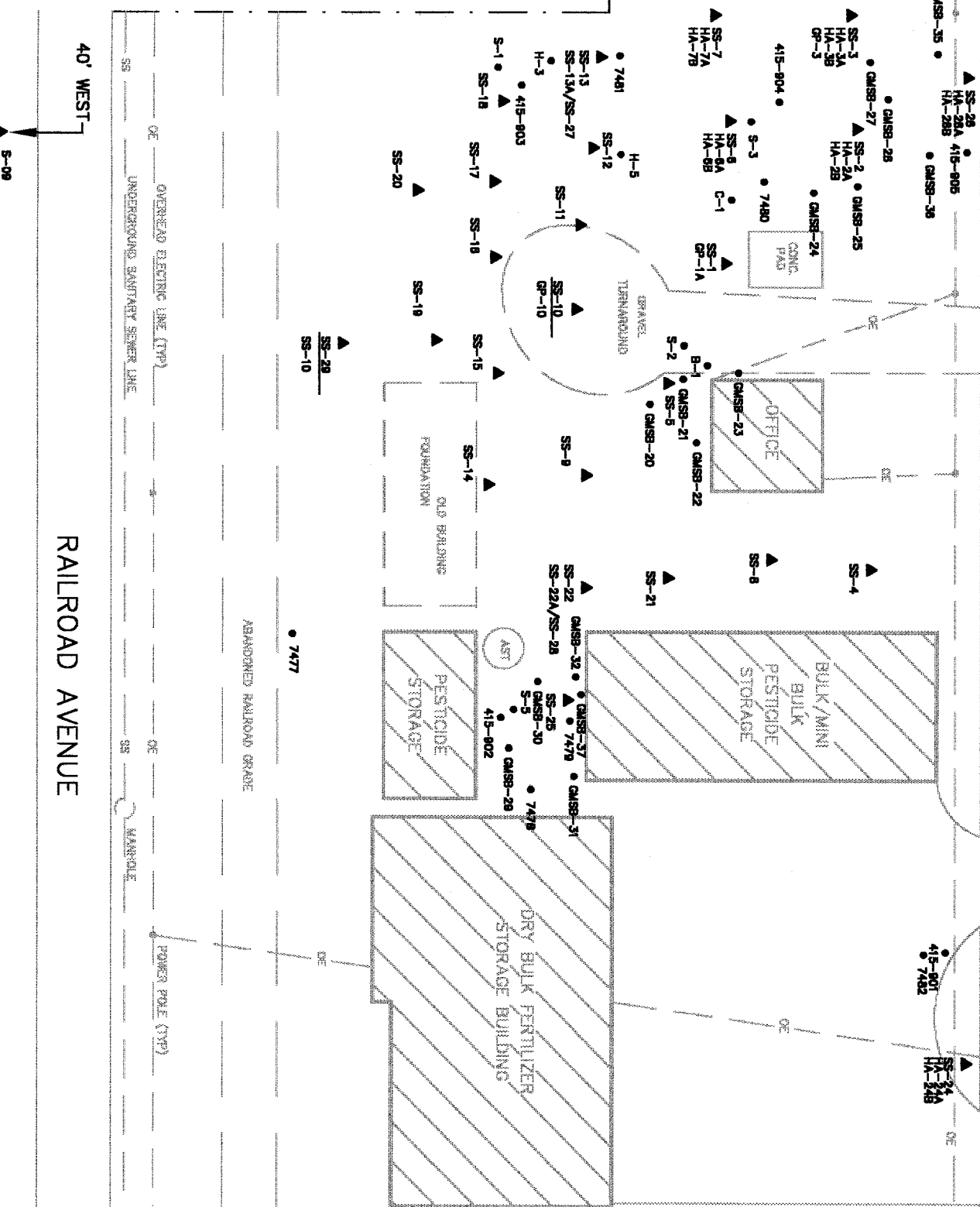
FIGURE 3

Waugamie FS Cooperative

Groundwater Contour Map

October 26, 2001





CLARK STREET

RAILROAD AVENUE

40' WEST

S-09

415-804
7482

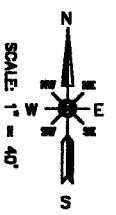
SS-24
HA-24B

LEGEND

- 415-801 DATED SOIL SAMPLE LOCATIONS (PREVIOUS INVESTIGATION)
- SS-14 SOIL SAMPLE LOCATIONS FROM PREVIOUS SITE INVESTIGATIONS
- S-1 APPROXIMATE LOCATION OF SOIL BORING ADVANCED UNDER A GROUND (SOIL & GW SAMPLE) EXISTING SITE BUILDING
- GERAGHTY MILLER SOIL SAMPLE LOCATIONS (PREVIOUS INVESTIGATION)
- DATED SOIL SAMPLE LOCATIONS (PREVIOUS INVESTIGATION)

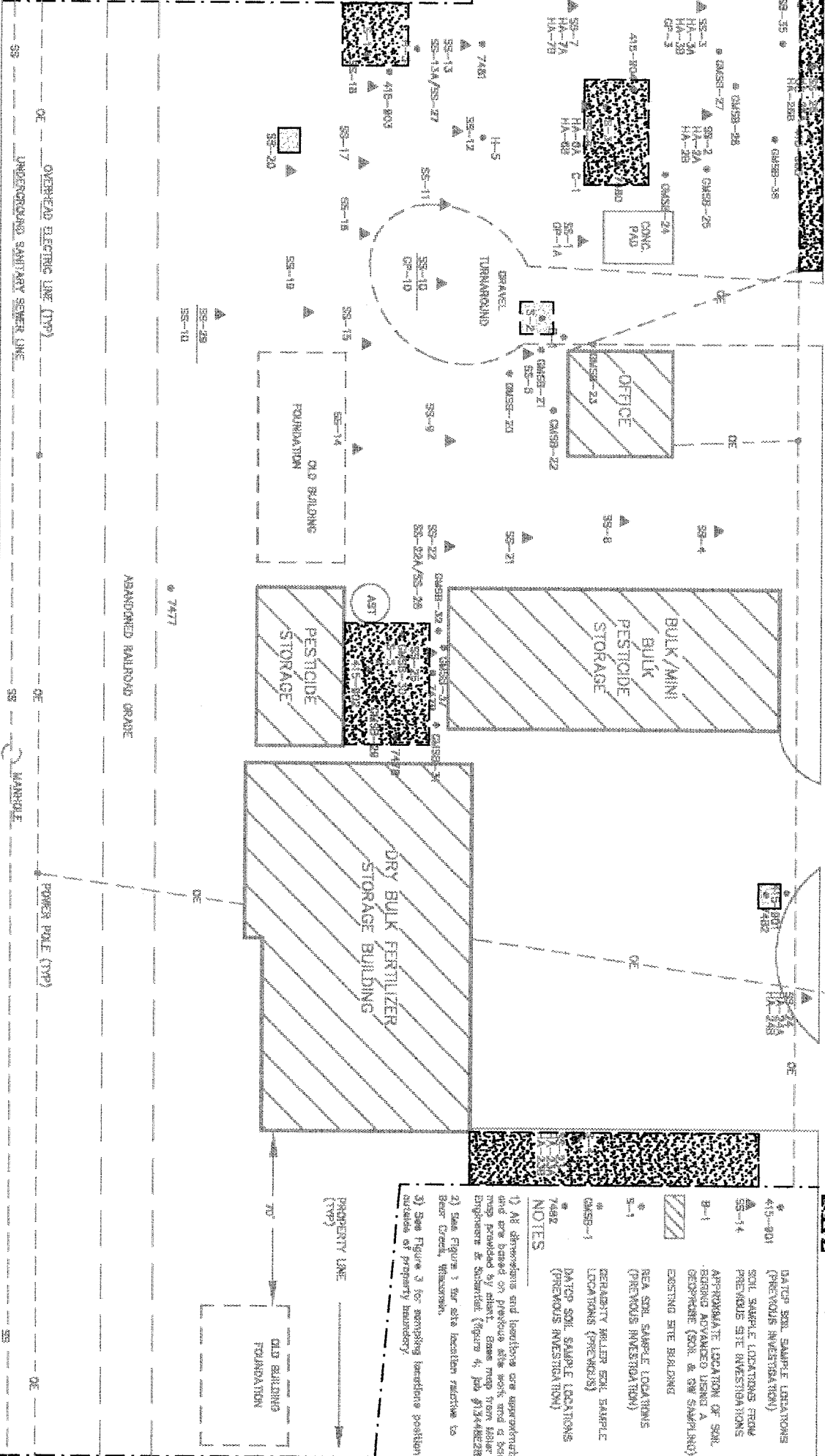
NOTES

- 1) All elevations and locations are approximate and are based on previous site work and a site map provided by client. Some maps from other Engineers at Kohler (Figure 4, Job #12448223).
- 2) See Figure 1 for site location relative to Bear Creek, Wisconsin.
- 3) See Figure 3 for sampling locations positioned outside of property boundary.



RAILROAD AVENUE

CLARK STREET

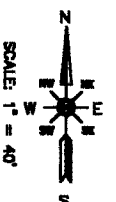


LEGEND
ESTIMATED EXTENT OF EXCAVATION

- 415-801 DATA SOIL SAMPLE LOCATIONS (PREVIOUS INVESTIGATION)
- 415-803 SOIL SAMPLE LOCATIONS FROM PREVIOUS SITE INVESTIGATIONS
- 415-804 APPROXIMATE LOCATION OF SOIL BARRIERS MOVED DURING A GEOTECHNICAL (SOIL & GW SAMPLING) EXISTING SITE BUILDING
- 415-805 REA SOIL SAMPLE LOCATIONS (PREVIOUS INVESTIGATION)
- 415-806 DEBRIS/MILLER SOIL SAMPLE LOCATIONS (PREVIOUS)
- 415-807 DATA SOIL SAMPLE LOCATIONS (PREVIOUS INVESTIGATION)
- 415-808
- 415-809
- 415-810
- 415-811
- 415-812
- 415-813
- 415-814
- 415-815
- 415-816
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- 415-900

NOTES

- 1) All dimensions and locations are approximate and are based on previous site work and a base map provided by client. Base map from 1988. Digitized to 1/4" = 100' (Figure 4, Job #13448223).
- 2) See Figure 1 for site location relative to Bear Creek, Wisconsin.
- 3) See Figure 2 for sampling locations positioned outside of property boundary.



**WAUGAMIE FS COOPERATIVE - BEAR CREEK
 REMEDIAL INVESTIGATION
 ESTIMATED EXTENT OF EXCAVATION**

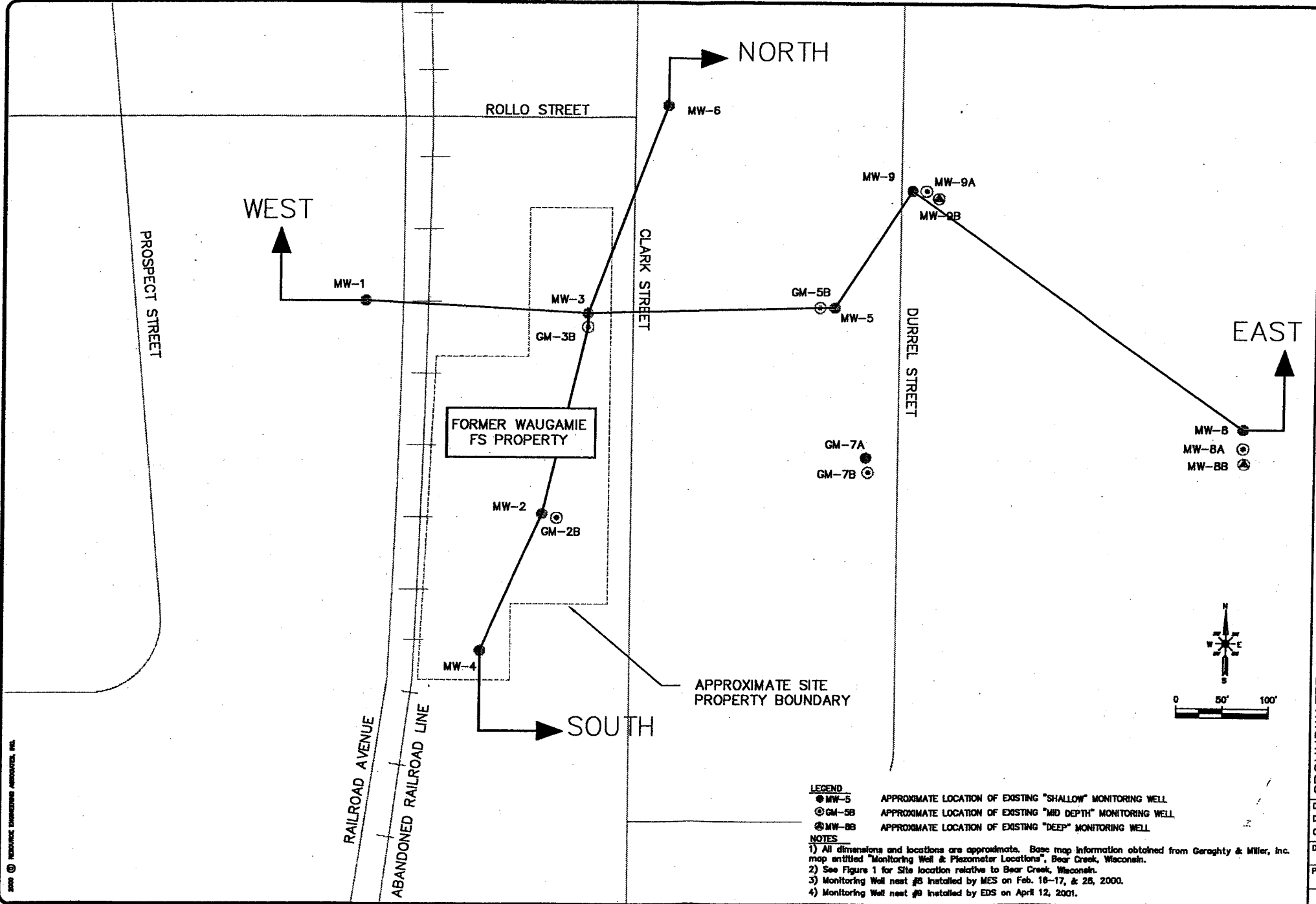
Clark Street, Bear Creek, Wisconsin



Resource Engineering Associates, Inc.
 8005 University Green
 Suite 200
 Middleton, Wisconsin 53592-2507
 P: 608-531-8863 F: 608-531-8864

Date: AUG 2002
 Drawn: SDB
 Checked: VMS
 BEAR22.DWG
 #990032.1
 (B) 8

REVISIONS



REVISIONS:

Resource Engineering Associates, Inc.
 8505 University Green
 Suite 200
 Middleton, Wisconsin 53562-2507
 P: 608-631-6883 F: 608-631-6864



GROUNDWATER MONITORING WELL & GEOLOGICAL CROSS SECTION LOCATIONS

Waugamie FS Cooperative
 Clark Street, Bear Creek, Wisconsin

Date: Dec 2001
 Drawn: SKB
 Checked: WWB
 Drawing # Bear22.dwg
 Project # 990032.2
 Figure 2

- LEGEND**
- MW-5 APPROXIMATE LOCATION OF EXISTING "SHALLOW" MONITORING WELL
 - ⊙ GM-5B APPROXIMATE LOCATION OF EXISTING "MID DEPTH" MONITORING WELL
 - ⊗ MW-8B APPROXIMATE LOCATION OF EXISTING "DEEP" MONITORING WELL

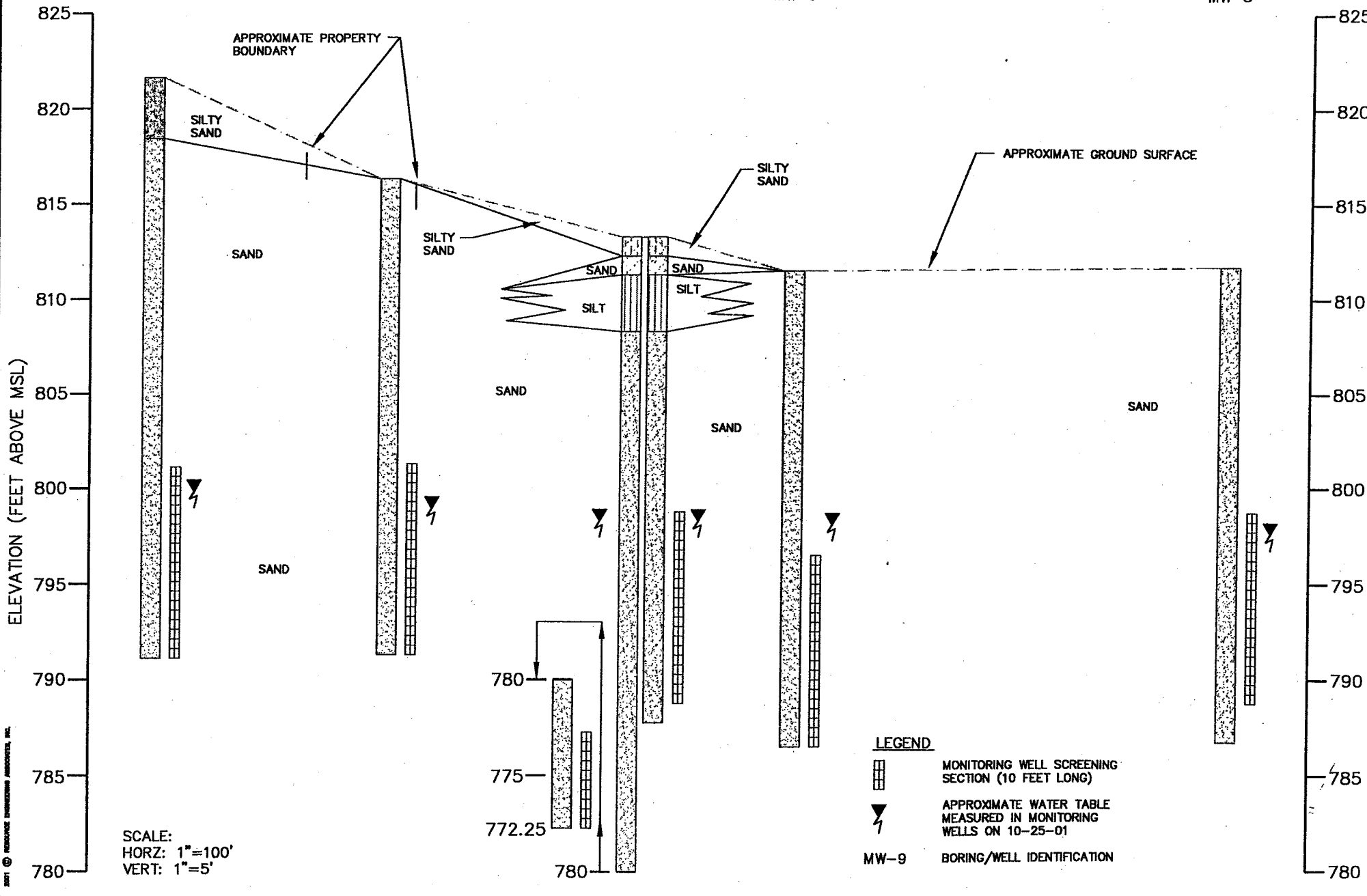
- NOTES**
- 1) All dimensions and locations are approximate. Base map information obtained from Geraghty & Miller, Inc. map entitled "Monitoring Well & Piezometer Locations", Bear Creek, Wisconsin.
 - 2) See Figure 1 for Site location relative to Bear Creek, Wisconsin.
 - 3) Monitoring Well nest #B installed by MES on Feb. 16-17, & 26, 2000.
 - 4) Monitoring Well nest #9 installed by EDS on April 12, 2001.

2001 © RESOURCE ENGINEERING ASSOCIATES, INC.

WEST

EAST

MW-1 MW-3 GM-5B MW-5 MW-9 MW-8



REVISIONS:

Resource Engineering Associates, Inc.
8200 University Drive
Suite 200
Middleton, Wisconsin 53562-2507
P. 608-831-6863 F. 608-831-6864

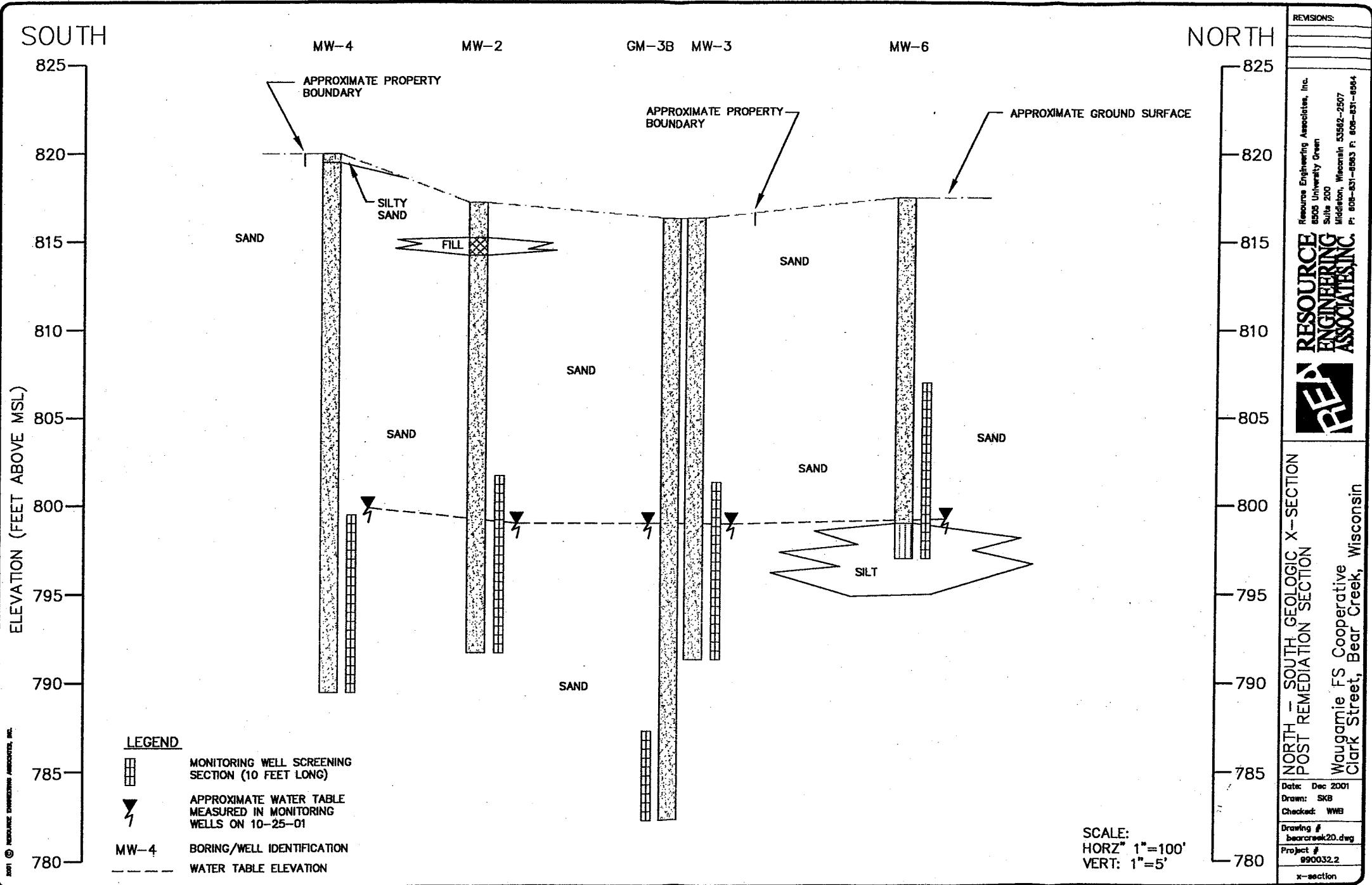
RESOURCE ENGINEERING ASSOCIATES, INC.

RIE

EAST - WEST GEOLOGIC X-SECTION
POST REMEDIATION SECTION

Waugamie FS Cooperative
Clark Street, Bear Creek, Wisconsin

Date: Dec 2001
Drawn: SKB
Checked: WBK
Drawing # bearcreek21.dwg
Project # 990032.2
x-section



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REVISIONS:

Resource Engineering Associates, Inc.
 8505 University Green
 Suite 200
 Middleton, Wisconsin 53562-2507
 P: 608-831-8883 F: 608-831-8984

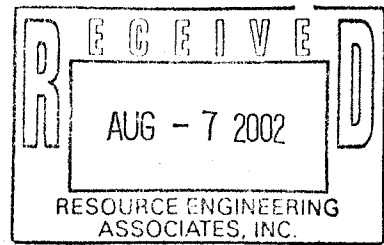
RESOURCE ENGINEERING ASSOCIATES, INC.

NORTH - SOUTH GEOLOGIC X-SECTION
 POST REMEDIATION SECTION

Waugamie FS Cooperative
 Clark Street, Bear Creek, Wisconsin

Date: Dec 2001
 Drawn: SKB
 Checked: WMB
 Drawing # bearcreek20.dwg
 Project # 990032.2
 x-section

July 17, 2002



To Whom It May Concern:

To the best of my knowledge the legal descriptions of all the properties within or partially within the contaminated site boundaries are attached to this statement.

Sincerely,
Waugamie FS Cooperative

Jerry Wagenson
Jerry Wagenson



**RESOURCE
ENGINEERING
ASSOCIATES, INC.**

■ 8505 University Green
Suite 200
Middleton, Wisconsin
53562-2573

■ Tel 608-831-6563
Fax 608-831-6564

December 18, 2002

Ms. Percy Miller
Clerk, Village of Bear Creek
504 Konkel Street
Bear Creek, WI 54922

**R + R - OSH
RECEIVED**

DFC 19 2002

**TRACKED
REVIEWED**

RE: Potential Contaminated Groundwater in Clark Street, Rolo Street, and Durrell Street
Rights-of-Way

Dear Ms. Miller:

Resource Engineering Associates, Inc. (REA), on behalf of Waugamie FS Coop, is sending this letter as required by NR 726.05 (2) (a) 4 to notify you of potential environmental concerns caused by the release of agricultural chemical products at the former Waugamie FS Coop located at 308 Clark Street in Bear Creek, Wisconsin.

Based on data collected during remedial investigation activities conducted between 1987 and 2001, it appears likely that groundwater contaminated by atrazine, alachlor, nitrates+nitrites at levels above the NR 140 Enforcement Standards occurs beneath the Clark Street, Rolo Street and Durrell Street rights-of-way (ROW) north and east of the Former Waugamie FS Coop property.

If you have any questions concerning this notice, or site conditions in general, feel free to call me at (608) 831-6563.

Sincerely,

William W. Buckingham, P.E.
Senior Engineer