

To: Larry Lester, SCR

From: Mark F. Pota

Re: Groundwater Use Restriction
GIS Registry Data

Site Name/Address:

HUSTISFORD FIRE DEPT

266 SOUTH LAKE ST

HUSTISFORD, WI

BRRTS #:

03-14-001582

Date of Closure Decision:

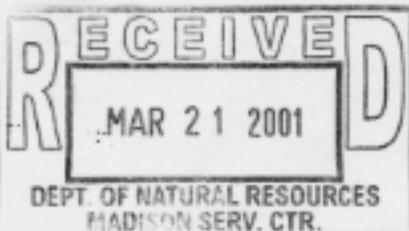
05/02/00 CONDITIONAL

03/19/01 FINAL

Off-site Contamination
 Right-of-way Contamination

Packet Contains:

- ① Closure Letter
- ② Conditional closure letter
- ③ All property deeds with 140 ES exceedances
- ④ Metes/bounds legal description (certified survey)
- ⑤ Tax parcel number
6. GPS data for each affected property
- ⑦ General location map
- ⑧ Detailed location map, showing all parcels affected by 140 ES exceedances, property boundaries, buildings, etc.
9. Latest map showing gw flow direction, MW, potable wells. [optional: Isoconcentration maps of compounds -/ > ES]
- ⑩ Latest map showing extent or outline of contamination plume and gw flow direction
- ⑪ Latest table of analytical results
12. Geologic cross section





State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor
Darrell Bazzell, Secretary
Ruthe E. Badger, Regional Director

Horicon Service Center
N7725 STH 28
Horicon, Wisconsin 53032
Telephone 920-387-7860
FAX 920-387-7888

March 19, 2001

Richard Kirchoff
Hustisford Fire Department
266 South Lake Street
Hustisford, WI 53034

Subject: Final Closure, Hustisford Fire Department, 266 South Lake Street, Hustisford
BRRTS# 03-14-001582

Dear Mr. Kirchoff:

On May 2, 2000, the South Central Region Closure Committee reviewed your site for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On May 9, 2000, you were notified that the Closure Committee had granted conditional closure to this case.

On March 16, 2001, the Department received correspondence indicating that you have complied with the conditions of closure, which were as follow; abandonment of the monitoring wells, and filing of a groundwater use restriction. Based on the correspondence and data provided, it appears that your site 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.

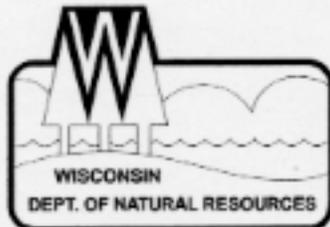
However, please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

The Department appreciates 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,

Mark F. Putra, Hydrogeologist
Remediation & Redevelopment
Telephone: (920) 387-7867
Putram@dnr.state.wi.us

Cc: Advent Environmental, P.O. Box 277, Mequon, WI 53092-0277



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Ruthe E. Badger, Regional Director

Horicon Service Center
N7725 STH 28
Horicon, Wisconsin 53032
Telephone 920-387-7860
FAX 920-387-7888

May 9, 2000

Richard Kirchoff
Hustisford Fire Department
266 South Lake Street
Hustisford, WI 53034

Subject: Conditional Closure Hustisford Fire Department, 266 South Lake Street, Hustisford
BRRTS# 03-14-001582

Dear Mr. Kirchoff:

On May 2, 2000, your request for closure of the case described above was reviewed by the South Central Region 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 Closure Committee has determined that the petroleum contamination on the site from former underground petroleum tank appears to have been investigated and actively remediated to the extent practicable under site conditions. Your case will be closed under s. NR 726.05, Wis. Adm. Code, if the following conditions are satisfied:

1. **MONITORING WELL ABANDONMENT** The monitoring wells and other remediation wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code, unless long term groundwater monitoring is going to be conducted. If monitoring wells will not be immediately abandoned because future groundwater monitoring is planned, you will need to notify me of your monitoring plans in order to qualify for case closure. Documentation of well abandonment must be submitted to me on forms provided by the Department of Natural Resources.
2. **WASTE AND SOIL PILE REMOVAL** Any remaining 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. Please send a letter advising me that any remaining waste and/or soil piles have been removed once that work is completed.
3. **GROUNDWATER USE RESTRICTION** Section NR 726.05(2)(b), Wis. Adm. Code, provides that if groundwater contamination still exceeds NR 140 enforcement standards when a closure request is submitted, a case may only be closed if a groundwater use restriction is recorded for each property where enforcement standards are exceeded (including street or highway rights-of-way). Therefore, recording the required groundwater use restriction is an option that the Department can offer to you in order to close this case. If you choose not to accept this option, you may be required to conduct additional groundwater monitoring and may choose to perform additional investigation and cleanup of the remaining contamination in order to qualify for unconditional closure. However, you should note that additional investigation or cleanup work may not be eligible for reimbursement from the Petroleum Environmental Cleanup Fund Award (PECFA) Program. You should contact the Department of Commerce to determine if the additional work will be eligible for reimbursement.

If you choose to pursue closure with a groundwater use restriction, you will need to submit a copy of the property deed or deeds to me. I will prepare the groundwater use restriction and have it reviewed by Department legal counsel. I will then send the document to you, and you should sign it if you own the property, or have the appropriate property owner sign it, and have it recorded at the Dodge County Register of Deeds Office, and then submit a copy of the recorded document, with the recording information stamped on it, to me. Please be aware that if a groundwater use restriction is recorded for the wrong property because of an inaccurate legal description that you have provided, you will be responsible for recording corrected documents at the Register of Deeds Office to correct the problem.

When the above conditions have been satisfied, please submit a letter to let me know that applicable conditions have been met, and your case will be closed.

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 address listed above or as indicated below.

Sincerely,

MPF COPY

Mark F. Putra, Hydrogeologist
Remediation & Redevelopment
Telephone: (920) 387-7867
Putram@dnr.state.wi.us

Cc: Advent Environmental, P.O. Box 277, Mequon, WI 53092-0277

924846

Document Number

GROUNDWATER USE RESTRICTION

Office of Register of Deeds
 Dodge County, WI
 RECEIVED FOR RECORD

MAR - 8 2001
 at 11:26 o'clock A. M.

Chris Planasch
 CHRIS PLANASCH - Register

20

Declaration of Restrictions

+ 800 322

+ 8015

In Re: The property described in Vol. 828, Page 111, and Vol. 836, Page 948, Dodge County Register of Deeds and described in Exhibit A which is hereby attached and made a part of this restriction.

Recording Area

Name and Return Address

Hustisford Fire Dept
266 S Oak St.
Hustisford, WI 53034-0019

STATE OF WISCONSIN)
)
) ss
COUNTY OF Dodge)

136-1016-0944-075
Parcel Identification Number (PIN)

WHEREAS, the Village of Hustisford, Dodge County, Wisconsin, a municipal corporation, and Town of Hustisford, Dodge County, Wisconsin, a municipal corporation, are the owners of the above-described property.

WHEREAS, one or more petroleum discharges have occurred on this property. Benzene, ethylbenzene, toluene, trimethylbenzenes, and xylenes contaminated groundwater above ch. NR 140, Wis. Adm. Code, enforcement standards existed on this property at the following location(s) on the following date(s): benzene, ethylbenzene, toluene, trimethylbenzenes, and xylenes in Monitoring Well 1 (MW1) at 100 micrograms per liter (ug/l), 2300 ug/l, 1900 ug/l, 2100 ug/l, and 7600 ug/l respectively on February 15, 2000. The location of MW1 is identified on Exhibit B, hereby attached and made part of this restriction.

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

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater contamination exceeding ch. NR 140, Wis. Adm. Code, groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality does not comply with drinking water standards in ch. NR 809, Wis. Adm. Code, is restricted by chs. NR 811 and NR 812, Wis. Adm. Code. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

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

Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater, or its successor agency, to determine what specific requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed on this property unless applicable requirements are met.

If construction is proposed on this property that will require dewatering, or if groundwater is to be otherwise extracted from this property, while this groundwater use restriction is in effect, the groundwater shall be sampled and analyzed for contaminants that were previously detected on the property and any extracted groundwater shall be managed in compliance with applicable statutes and rules.

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

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

By signing this document, Clifford Falkenthal asserts that he/she is duly authorized to sign this document on behalf of the Village of Hustisford, Dodge County, Wisconsin, a municipal corporation.

By signing this document, David Nehls asserts that he/she is duly authorized to sign this document on behalf of the Town of Hustisford, Dodge County, Wisconsin, a municipal corporation.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 5 day of September, 2000.

Signature: Clifford Falenthal
Printed Name: Clifford Falenthal
Title: Village of Hustisford President

Subscribed and sworn to before me this 5 day of September, 2000

Michelle Murphy
Notary Public, State of Wisconsin
My commission expires May 30, 2004



Signature: David Nehls
Printed Name: David Nehls
Title: Town of Hustisford Chairman

Subscribed and sworn to before me this 1 day of September 2000

Michelle Murphy
Notary Public, State of Wisconsin
My commission expires May 30, 2004



This document was drafted by the Wisconsin Department of Natural Resources based on information provided by Advent Environmental Services Inc.

FEE EXEMPT

2

vt. 828 PAGE 111
NOTY CLAIM DEDUCED
STATE OF WISCONSIN - FORM 18

800322

Office of Registrar of Deeds
Dodge County, WI
RECEIVED FOR RECORD
OCT 12 1994
at 9:36 o'clock A.M.
Doris Westra - Registrar

EXHIBIT A

This indenture, made this 9th day of September
A. D. 1994 between VILLAGE OF HUSTISFORD, DODGE COUNTY,
WISCONSIN, a Municipal Corporation duly organized and existing under and by
virtue of the laws of the State of Wisconsin, located at Hustisford
Wisconsin, party of the first part, and VILLAGE OF HUSTISFORD, DODGE COUNTY,
WISCONSIN, a municipal corporation, and TOWN OF HUSTISFORD,
DODGE COUNTY, WISCONSIN, a municipal corporation, as tenants
in common of the second part.

Witnesseth, That the said party of the first part, for and in consideration of the sum
of one dollar and other good and valuable consideration
to it paid by the said party IES of the second part, the receipt whereof is hereby confirmed and
acknowledged, has given, granted, conveyed, sold, assigned, released, and quit-claimed, and by
these presents does give, grant, convey, sell, assign, release and quit-claim unto the said
party IES of the second part, and to their heirs, and assigns forever the following described real estate, situated in the
County of Dodge State of Wisconsin, to-wit:

2/328

Lot Two (2) and the South 17 feet of Lot Three (3), in Block Seven (7) of John Hustis
Addition, to: the Village of Hustisford, as designated on a plat of said village on file
in the office of the Registrar of Deeds of Dodge County, Wisconsin.

MAILED TO
MARIE M. KINNEY, CLERK
P.O. BOX 395
HUSTISFORD, WI 53034

OF WHICHAKE, CONTAINING DESCRIPTION ON REVERSE SIDE:

To Have and to Hold the same, together with all and singular the appurtenances and privileges thereto belonging or in any wise
thereunto appertaining, and all the estate, right, title, interest and claim whatsoever of the said party of the first part, either in law or equity,
either in possession or expectancy of, to the said party of the second part, unto the said party IES of the second part, their
heirs and assigns FOREVER.

In Witness Whereof, the said VILLAGE OF HUSTISFORD, DODGE COUNTY, WISCONSIN
party of the first part, has caused these presents to be signed by Gerald M. Stryzick, Village President
and countersigned by Maxine M. Kinney, Village Clerk
at Hustisford Wisconsin, and its corporate seal to be hereunto affixed, this
9th day of September A. D. 1994

SIGNED AND SEALED IN PRESENCE OF

VILLAGE OF HUSTISFORD, DODGE COUNTY, WISCONSIN

Gerald M. Stryzick
Village President

CO-COUNTERSIGNED:
Maxine M. Kinney
Village Clerk

STATE OF WISCONSIN
Dodge County

Personally came before me, this 9th day of September A. D. 1994,
Gerald M. Stryzick, Village President and Maxine M. Kinney, Village Clerk
of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be each
President and Clerk of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of
said Corporation, by its authority.

THIS INSTRUMENT WAS DRAFTED BY
Atty. Phillip J. Eckert
West Bend, WI 53095



Nancy Meyer
NANCY MEYER
Notary Public, Dodge County, WI.
My commission expires (in) 4/21/96

NOTICE: It is the Wisconsin Statute provided that all instruments to be recorded shall have plainly printed or typewritten thereon
the name of the grantor, grantee, witness and agent. Section 19.111 requires that the names of the persons who, as persons
or as agents, which, when such instrument, shall be printed, typewritten, stamped or written thereon in a legible manner.

EXHIBIT A

TRANSFER FEE \$153.00 N
VOL. 836 PG. 948
STATE OF WISCONSIN
WARRANTY DEED

604845

Office of Register of Deeds
Dodge County, WI
RECEIVED FOR RECORD
FEB 2 1955
1033 Ave A
DODGE COUNTY REGISTER

This Deed, made between
Bernard V. Will and Esther A. Will
and Village of Hustisford, Dodge County, Wisconsin, a municipal corporation, and Town of Hustisford, Dodge County Wisconsin, a municipal Corporation, as Tenants in Common
Winnech. This deed is subject to a specific condition

conveys to Greater the following described real estate in Dodge County, State of Wisconsin

314 East Lake Street
Hustisford, WI 53032

336-0154-00000

THE NORTH 21 FEET OF LOT THREE (3) IN BLOCK SEVEN (7) OF THE JOHN MUSTIE ADDITION TO THE VILLAGE OF HUSTISFORD, DODGE COUNTY, WISCONSIN.

THIS IS acknowledged to be the

Together with all and singular appurtenances and responsibilities thereto in any way connected therewith, the title is given, delivered, sold, conveyed and the full effect of encumbrances except A REVOCABLE OCCUPANCY PERMIT ON A .5 FEET ENCROACHMENT WITHIN HIGHWAY 109 RIGHT OF WAY, RECORDED IN VOLUME 833 PAGE 839 OF RECORD DODGE COUNTY REGISTER OF DEEDS and all taxes and debts thereon.

Dated this 21st day of January 1955
Bernard V. Will
Esther A. Will

AUTHENTICATION

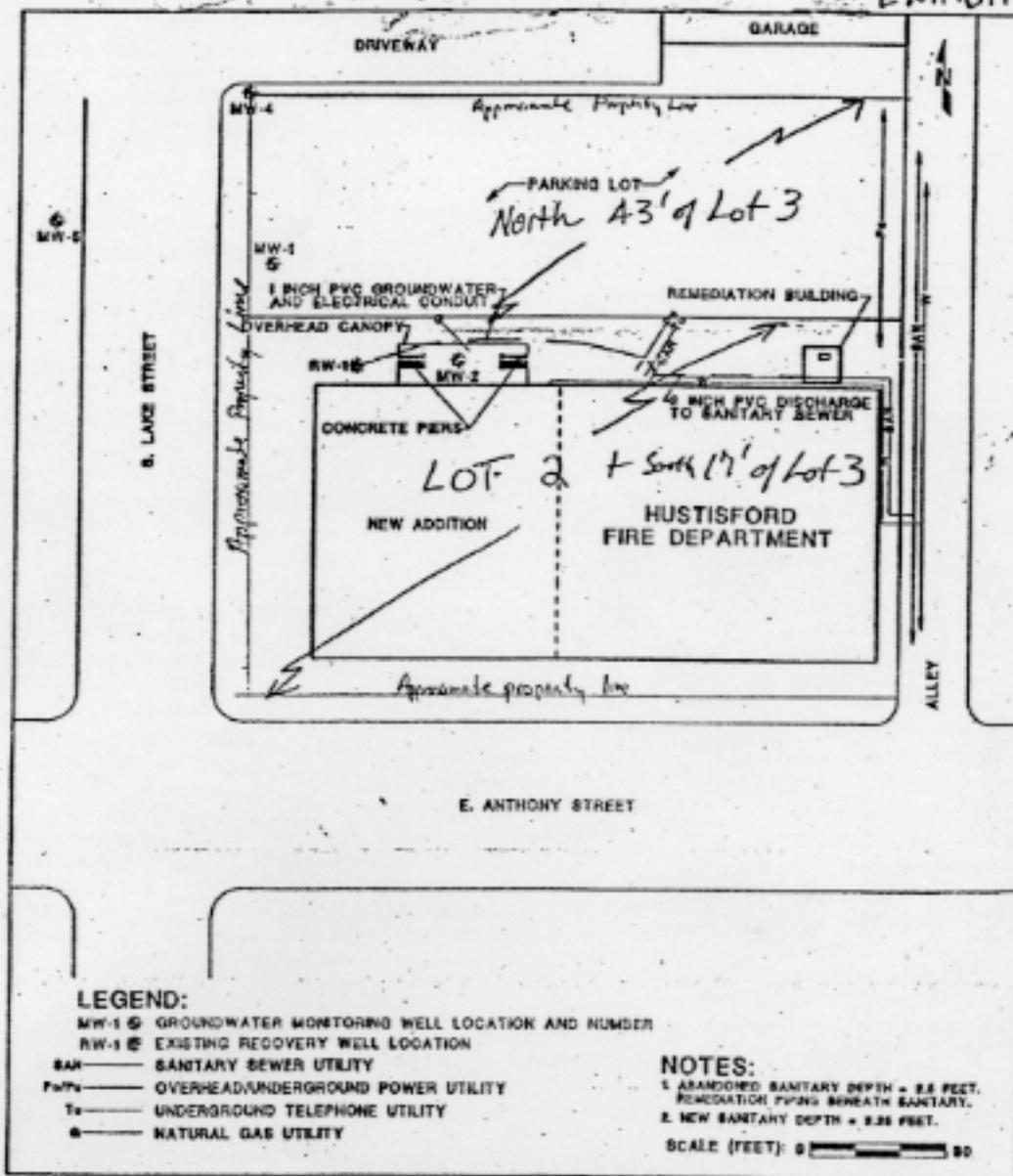
ACKNOWLEDGMENT

Subscribed and sworn to before me this 21st day of January 1955
This is the public act of the Register of Deeds of Dodge County, Wisconsin.
Attest my hand and seal of office this 21st day of January 1955.
JEROME H. CAHILL
Register of Deeds

STATE OF WISCONSIN
DODGE COUNTY
I, _____, County Clerk, do hereby certify that the above named BERNARD WILL and Esther A. Will

to me known to be the parties to who executed the foregoing instrument and that they signed the same
JEROME H. CAHILL
County Clerk
My commission expires on _____ 1955

EXHIBIT B



LEGEND:

- MW-1 ⊙ GROUNDWATER MONITORING WELL LOCATION AND NUMBER
- RW-1 ⊙ EXISTING RECOVERY WELL LOCATION
- SBH ——— SANITARY SEWER UTILITY
- Po/Pu ——— OVERHEAD/UNDERGROUND POWER UTILITY
- Tu ——— UNDERGROUND TELEPHONE UTILITY
- NG ——— NATURAL GAS UTILITY

NOTES:

- 1. ABANDONED SANITARY DEPTH = 8.8 FEET. REMEDIATION PIPING BENEATH SANITARY.
 - 2. NEW SANITARY DEPTH = 9.25 FEET.
- SCALE (FEET): 0 ——— 50

FIGURE 1 SITE FEATURES
HUSTISFORD FIRE DEPARTMENT
HUSTISFORD, WISCONSIN

A D V E N T

ENVIRONMENTAL SERVICES, INC.
DATE: 2/2/00
DRAWING #90514.04P

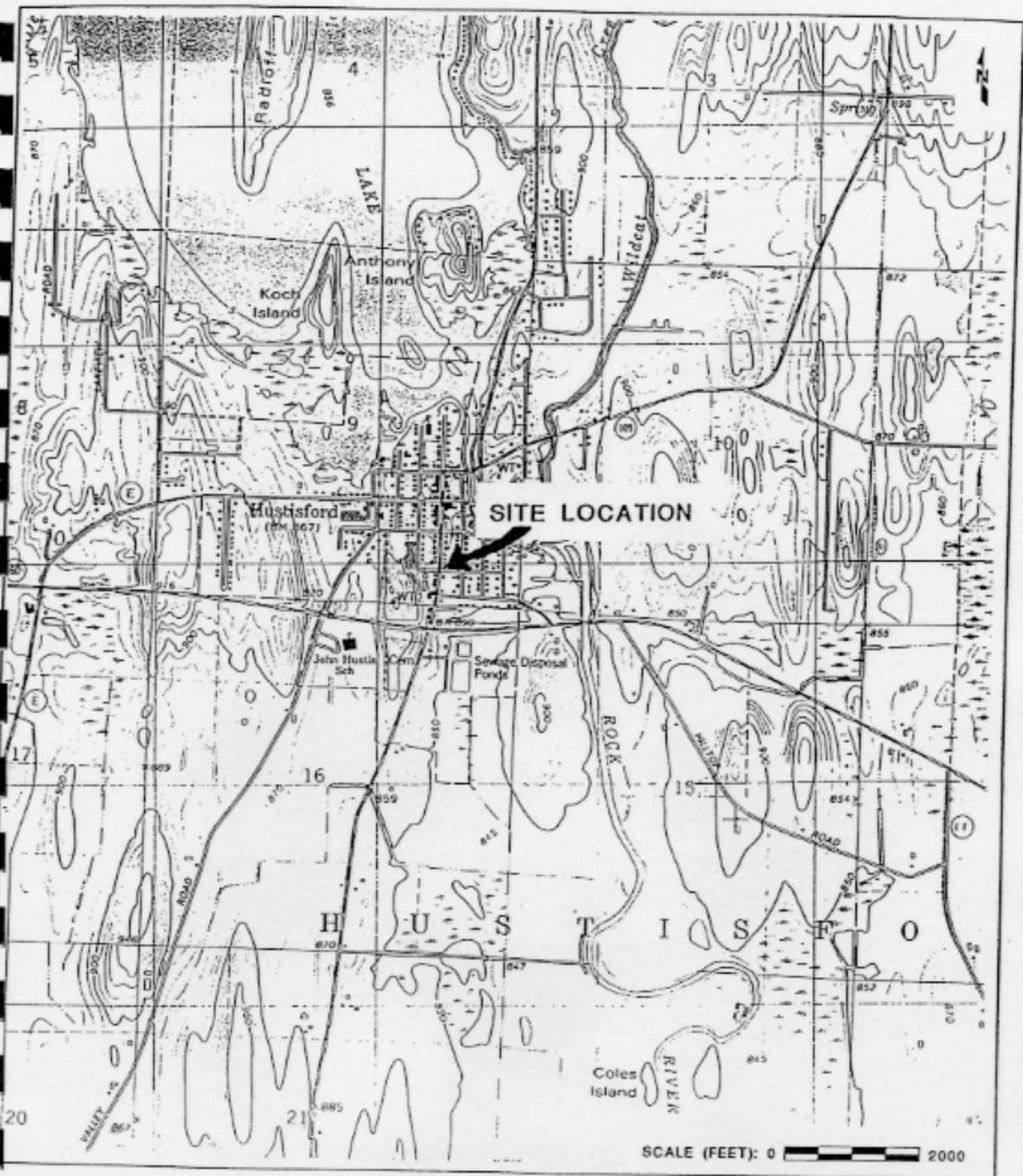


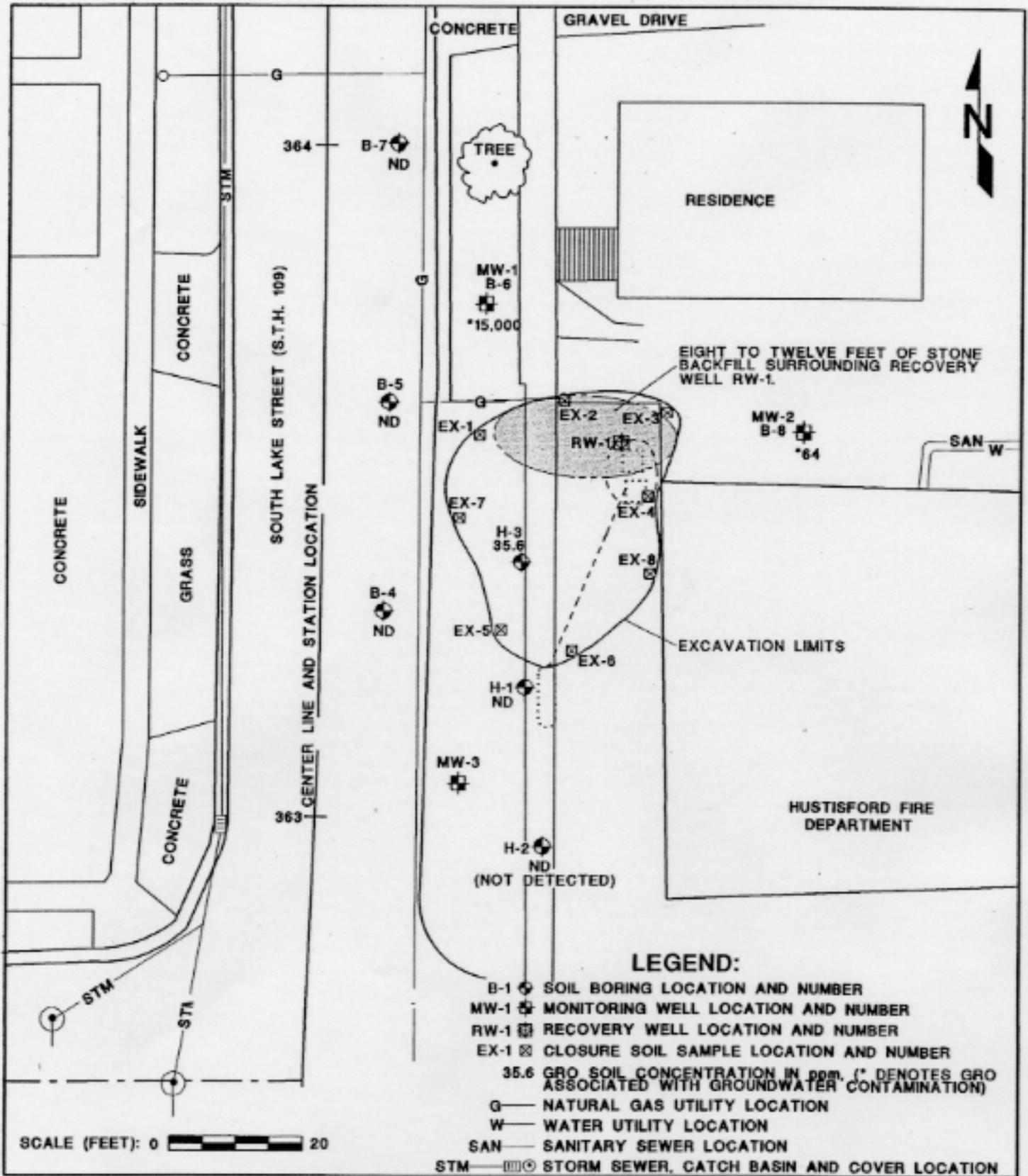
FIGURE 1 SITE LOCATION
 HUSTISFORD FIRE DEPARTMENT
 HUSTISFORD, WISCONSIN



QUADRANGLE LOCATION

A D V E N T

ENVIRONMENTAL SERVICES, INC.
 DATE: 5/7/93
 DRAWING # 96914



**FIGURE 2 SITE FEATURES AND CLOSURE SAMPLE LOCATIONS
HUSTISFORD FIRE DEPARTMENT
HUSTISFORD, WISCONSIN**

A D V E N T
 ENVIRONMENTAL SERVICES, INC.
 DATE: 8/24/94
 DRAWING # 96914D

TABLE 1 (page 1 of 6)

GROUNDWATER ANALYTICAL RESULTS - MONITORING WELLS
 HUSTIFORD FIRE DEPARTMENT, HUSTIFORD, WISCONSIN
 GROUNDWATER PUMP & TREAT SYSTEM MONITORING

MW-1

Monitoring Well	MW-1												NR 140			
	Pre-Operation				Active				Post-Operation				ES	PAL		
System Operation	3/17/93	8/10/93	5/2/94	7/29/94	12/9/94	1/21/97	10/10/97	1/7/98	4/6/98	7/9/98	10/7/98	1/19/99	4/6/99	8/3/99	11/10/99	2/15/00
Date Collected	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
ANALYTE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dissolved Iron (ug/l)	---	---	---	---	---	---	---	---	---	---	---	---	---	13,000	12,000	22,000
Nitrate (mg/l)	---	---	---	---	---	---	---	---	---	---	---	---	---	0.57	0.053	0.050
Sulfate (mg/l)	---	---	---	---	---	---	---	---	---	---	---	---	---	420	22	130
Dissolved Oxygen (mg/l)	---	---	---	---	---	---	---	---	---	---	---	---	---	1.55	---	0.67
Total Lead (ug/l)	5	ND	35	42	19	---	---	---	---	---	---	---	---	---	---	---
Dissolved Lead (ug/l)	---	---	---	---	---	36	---	---	25	5.6	3.6	2.5	15	24	13	16
GROs (ug/l)	51,000	9,300	31,000	21,000	32,000	22,000	38,000	31,000	25,000	41,000	33,000	27,000	---	20,000	24,000	27,000
PVOCs (ug/l)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzene	1,200	160	400	100	1,300	270	310	170	110	170	170	160	220	110	150	100
Ethyl Benzene	3,100	350	1,500	1,500	4,700	1,900	3,700	3,000	2,000	3,200	2,500	2,400	3,100	1,300	2,100	2,300
Methyl-tert-butyl-ether	ND	ND	<500	<1,000	<5,000	<4.0	96	59	64	<20	<45	<45	<10	<2.2	<5.5	46
Toluene	12,000	1,900	2,700	1,700	7,400	2,500	4,300	3,300	2,400	4,300	1,500	1,300	2,700	710	1,800	1,900
1,2,4-Trimethylbenzene	1,700	540	1,500	1,400	3,400	1,500	2,000	1,900	1,400	2,200	1,700	1,600	1,900	1,400	1,400	1,700
1,3,5-Trimethylbenzene	ND	180	370	300	<1,000	450	550	480	440	1,700	400	400	540	340	380	400
Tri-methylbenzenes	1,700	1,020	1,870	1,750	3,400	2,040	2,550	2,280	1,840	3,900	2,100	2,000	2,440	1,740	1,780	2,100
Total Xylenes	10,100	3,800	5,900	4,900	16,000	6,100	16,800	10,800	8,300	9,400	8,700	8,000	9,400	4,100	6,800	7,600

BOLD numbers indicate concentrations exceeding the PAL.

Shaded boxes indicate concentrations exceeding the ES.

--- = not tested

TABLE 1 (page 2 of 6)
 GROUNDWATER ANALYTICAL RESULTS - MONITORING WELLS
 HUSTSFORD FIRE DEPARTMENT, HUSTSFORD, WISCONSIN
 GROUNDWATER PUMP & TREAT SYSTEM MONITORING

Monitoring Well System Operation Date Collected	Pre-Operation					Active					Post-Operation			MR 140 Groundwater Standards (µg/l) ES PAL			
	3/17/00	8/15/00	5/2/04	7/2/04	12/6/04	1/21/07	10/12/07	1/7/08	4/18/08	7/6/08	10/7/08	1/19/09	4/18/09		5/3/09	11/10/09	2/15/00
ANALYTE																	
Dissolved Iron (µg/l)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	550	33	<27
Nitrate (mg/l)	---	---	---	---	---	---	---	---	---	---	---	---	---	0.25	4.45	1.70	---
Sulfate (mg/l)	---	---	---	---	---	---	---	---	---	---	---	---	---	12	44	34	---
Dissolved Oxygen (mg/l)	---	---	---	---	---	---	---	---	---	---	---	---	---	10.45	---	4.74	---
Total Lead (µg/l)	ND	---	---	---	<5.0	---	---	---	---	---	---	---	---	---	---	---	15
Dissolved Lead (µg/l)	---	---	---	---	<1.6	---	---	---	---	---	---	---	---	---	---	---	15
PAHs (µg/l)	1,700	2,500	280	480	1,700	340	400	910	980	890	3,900	2,500	---	480	330	360	---
Benzene	ND	ND	<0.50	0.50	1.5	<0.20	<5.10	<0.16	<1.0	<1.0	13	12	18	<0.20	<0.26	<0.26	5
Ethyl Benzene	33	52	10	22	47	7.2	1.1	11	28	37	150	72	5.2	9.8	5.4	7.3	700
Methyl-tert-butyl-ether	ND	ND	<5.0	<5.0	<5.0	<0.20	4.2	9.2	8	<2	<4.5	<4.6	<0.20	<0.22	<0.22	3.1	60
Toluene	ND	37	0.05	2.1	3.6	0.9	0.93	3.0	2	3	7.7	8.4	2.5	5.6	0.7	0.74	343
1,2,4-Trimethylbenzene	115	240	43	79	88	24	44	100	110	64	180	43	11	22	42	21	---
1,2,3-Trimethylbenzene	22	71	13	23	35	8.1	11	33	34	47	95	23	4.9	7	3.7	6.5	---
1,4-Dimethylbenzene	132	311	56	182	123	42.1	56	133	144	141	216	66	15.9	26	16	27.5	480
Total Xylenes	73	213	22	49	91	17.3	69	79	74	57	179	59	9.8	22.4	4.0	6.7	500

BOLD numbers indicate concentrations exceeding the PAL.
 Shaded boxes indicate concentrations exceeding the ES.
 --- = not listed

TABLE 1 (page 3 of 6)

**GROUNDWATER ANALYTICAL RESULTS - MONITORING WELLS
HUSTISFORD FIRE DEPARTMENT, HUSTISFORD, WISCONSIN
GROUNDWATER PUMP & TREAT SYSTEM MONITORING**

Monitoring Well	MW-3						NR 140.10	
	Pre-Operation						Groundwater Standards (ug/l)	
System Operation	3/17/93	8/10/93	5/2/94	7/29/94	12/9/94	1/21/97	ES	PAL
ANALYTE								
Dissolved Iron (ug/l)	---	---	---	---	---	---	---	---
Nitrate (mg/l)	---	---	---	---	---	---	---	---
Sulfate (mg/l)	---	---	---	---	---	---	---	---
Dissolved Oxygen (mg/l)	---	---	---	---	---	---	---	---
Total Lead (ug/l)	---	---	<5.0	<5.0	<5.0	---	15	1.5
Dissolved Lead (ug/l)	---	---	---	---	---	<1.5	15	1.5
GROs (ug/l)	ND	ND	<50	<50	<50	<50	---	---
PVOCs (ug/l)								
Benzene	ND	ND	<0.50	<0.50	<0.50	<0.20	5	0.5
Ethyl Benzene	ND	ND	<0.50	<0.50	<0.50	<0.30	700	140
Methyl-tert-butyl-ether	ND	ND	<5.0	<5.0	<5.0	<0.20	60	12
Toluene	ND	ND	<0.50	<0.50	<0.50	1.0	343	68.6
1,2,4-Trimethylbenzene	1.2	ND	<1.0	<1.0	<1.0	<0.30	---	---
1,3,5-Trimethylbenzene	ND	ND	<1.0	<1.0	<1.0	<0.30	---	---
Trimethylbenzenes	ND	ND	<1.0	<1.0	<1.0	<0.30	480	96
Total Xylenes	ND	ND	<0.50	<0.50	<0.50	<0.90	620	124

ND numbers indicate concentrations exceeding the PAL.

Shaded boxes indicate concentrations exceeding the ES.

--- = not tested

TABLE 1 (page 4 of 6)
 GROUNDWATER ANALYTICAL RESULTS - MONITORING WELLS
 HUSTISFORD FIRE DEPARTMENT, HUSTISFORD, WISCONSIN
 GROUNDWATER PUMP & TREAT SYSTEM MONITORING

Monitoring Well	MW-4												Groundwater Standards (ug/l)						
	Pre-Operation						Active						Post-Operation		ES	PAL			
	8/10/93	5/2/94	7/28/94	12/9/94	1/21/97	10/10/97	1/7/98	4/9/98	7/9/98	10/7/98	1/19/99	4/8/99	8/3/99	11/10/99			2/15/00		
System Operation																			
Date Collected																			
ANALYTE																			
Disolved Iron (ug/l)	---	---	---	---	---	---	---	---	---	---	---	---	---	420	<27	<27	---	---	
Nitrate (mg/l)	---	---	---	---	---	---	---	---	---	---	---	---	---	6	5.5	4.9	---	---	
Sulfate (mg/l)	---	---	---	---	---	---	---	---	---	---	---	---	---	200	240	200	---	---	
Disolved Oxygen (mg/l)	---	---	---	---	---	---	---	---	---	---	---	---	---	8.78	---	---	---	---	
Total Lead (ug/l)	---	<5.0	<5.0	<5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	15	1.5
Disolved Lead (ug/l)	---	---	---	---	<1.5	---	---	---	---	---	---	---	---	<2.8	<2.8	0.92	---	15	1.5
CRGs (ug/l)	ND	<50	<50	<50	<50	<50	<100	<100	<20	<20	<20	<20	<50	<50	<50	---	---	---	---
PVOCs (ug/l)																			
Benzene	ND	<0.50	<0.50	<0.50	<0.20	<0.16	<1.0	<1.0	<0.35	<0.35	<0.35	<0.50	<0.26	<0.26	<0.26	<0.26	6	0.5	
Ethyl Benzene	ND	<0.50	<0.50	<0.50	<0.30	<0.29	<2.0	<2.0	<0.39	<0.39	<0.39	<0.50	<0.24	<0.24	<0.24	<0.24	700	140	
Methyl-tert-butyl-ether	ND	<5.0	<5.0	<5.0	<0.20	<0.20	<2.0	<2.0	<0.46	<0.46	<0.46	<0.20	<0.22	<0.22	<0.22	<0.22	60	12	
Toluene	ND	<0.50	<0.50	<0.50	1.0	<0.36	<2.0	<2.0	<0.38	<0.38	<0.38	<0.50	0.27	0.26	<0.21	<0.21	343	68.6	
1,2,4-Trimethylbenzene	ND	<1.0	<1.0	<1.0	<0.30	<0.30	<2.0	<2.0	<0.47	<0.47	<0.47	<1.0	<0.66	<0.66	<0.66	<0.66	---	---	
1,3,5-Trimethylbenzene	ND	<1.0	<1.0	<1.0	<0.30	<0.34	<2.0	<2.0	<0.44	<0.44	<0.44	<1.0	<0.54	<0.54	<0.54	<0.54	---	---	
Trimethylbenzenes	ND	<1.0	<1.0	<1.0	<0.30	<0.30	<2.0	<2.0	<0.44	<0.44	<0.44	<1.0	<0.54	<0.54	<0.54	<0.54	480	96	
Total Xylenes	ND	<0.50	<0.50	<0.50	<0.90	<0.94	<3.0	<3.0	<1.1	<1.1	<1.1	<0.50	<0.37	<0.37	<0.37	<0.37	620	124	

BOLD numbers indicate concentrations exceeding the PAL

Shaded boxes indicate concentrations exceeding the ES.

--- = not tested

TABLE 1 (page 5 of 6)
 GROUNDWATER ANALYTICAL RESULTS - MONITORING WELLS
 HUSTISFORD FIRE DEPARTMENT, HUSTISFORD, WISCONSIN
 GROUNDWATER PUMP & TREAT SYSTEM MONITORING

Monitoring Well	MW-5				NR 140	
	System Operation		Post-Operation		Groundwater Standards (ug/l)	
	Date Collected	8/3/99	11/10/99	2/15/00	ES	PAL
ANALYTE						
Dissolved Iron (ug/l)	700	<27	<27	<27	---	---
Nitrate (mg/l)	10	10	12	12	---	---
Sulfate (mg/l)	84	78	74	74	---	---
Dissolved Oxygen (mg/l)	15.10	---	4.79	4.79	---	---
Dissolved Lead (ug/l)	<2.8	<2.8	<0.92	<0.92	15	1.5
GROs (ug/l)	<50	<50	<50	<50	---	---
PVOCs (ug/l)						
Benzene	0.84	<0.26	<0.26	<0.26	5	0.5
Ethyl Benzene	<0.24	<0.24	<0.24	<0.24	700	140
Methyl-tert-butyl-ether	<0.22	<0.22	<0.22	<0.22	60	12
Toluene	0.84	<0.21	<0.21	<0.21	343	68.6
1,2,4-Trimethylbenzene	<0.86	<0.86	<0.86	<0.86	---	---
1,3,5-Trimethylbenzene	<0.54	<0.54	<0.54	<0.54	---	---
Trimethylbenzenes	<0.54	<0.54	<0.54	<0.54	480	96
Total Xylenes	<0.37	<0.37	<0.37	<0.37	620	124

BOLD numbers indicate concentrations exceeding the PAL.

Shaded boxes indicate concentrations exceeding the ES.

--- = not tested

TABLE 1 (page 5 of 6)
GROUNDWATER ANALYTICAL RESULTS - MONITORING WELLS
HUSTISFORD FIRE DEPARTMENT, HUSTISFORD, WISCONSIN
GROUNDWATER PUMP & TREAT SYSTEM MONITORING

RW-1

Monitoring Well	Pre-Operation						Post-Operation			NR 140	
	5/2/94	7/29/94	11/10/94	12/9/94	8/3/99	11/10/99	2/15/00	ES	PAL	Groundwater Standards (ug/l)	
ANALYTE											
Dissolved Iron (ug/l)	---	---	---	---	6,200	39	2,100	---	---	---	---
Nitrate (mg/l)	---	---	---	---	<0.090	0.039	0.072	---	---	---	---
Sulfate (mg/l)	---	---	---	---	24	52	130	---	---	---	---
Dissolved Oxygen (mg/l)	---	---	---	---	2.09	---	---	---	---	---	---
Total Lead (ug/l)	32	21	---	34	---	---	---	15	---	15	1.5
Dissolved Lead (ug/l)	---	---	---	---	7.8	<2.8	3	15	---	15	1.5
GROs (ug/l)	32,000	22,000	33,000	34,000	2,300	3,000	2,600	---	---	---	---
PvOCs (ug/l)											
Benzene	1,300	130	1,300	860	24	42	20	5	---	5	0.5
Ethyl Benzene	3,200	1,800	1,800	2,400	300	530	300	700	---	700	140
Methyl-tert-butyl-ether	<500	<1,000	ND	<5,000	<0.56	<0.88	22	60	---	60	12
Toluene	13,000	2,400	5,000	5,400	14	7.9	4.9	343	---	343	68.6
1,2,4-Trimethylbenzene	2,800	2,200	1,100	2,700	280	110	130	---	---	---	---
1,3,5-Trimethylbenzene	490	620	280	<1,000	<1.4	2.2	4.8	---	---	---	---
Trimethylbenzenes	3,290	2,820	1,380	2,700	280	112	134.8	480	---	480	96
Total Xylenes	12,000	6,400	6,300	9,200	80	17.8	36.2	620	---	620	124

BOLD numbers indicate concentrations exceeding the PAL.
Shaded boxes indicate concentrations exceeding the ES.
--- = not tested