



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

Waukesha Service Center
141 NW Barstow St.
Room 180
Waukesha, Wisconsin 53188
Telephone 262-574-2100
FAX 262-574-2117

October 15, 2004

Ms. Janet Miller
404 Key West Court
Boulder, CO 89005

FID# 268380310
BRRTS# 03-68-001829

Subject: Final Case Closure for Holmgren Property, W288 S560 Elmhurst Road, Delafield

Dear Ms. Miller:

On June 9, 2004, you were notified that conditional closure was granted to this case. On September 16, 2004, the Department received correspondence indicating that you have complied with the conditions of closure. These conditions were the abandonment of monitoring wells and documentation of soil disposal. Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit <http://gomapout.dnr.state.wi.us/org/at/ct/geo/gwur/index.htm> If your property is listed on the GIS Registry due to groundwater contamination exceeding ch. NR 140 standards at the time of closure, and you intend to construct or reconstruct a well, you will need Department approval. Department approval is required before construction or reconstruction of a well on a property listed on the GIS Registry, in accordance with s. NR 812.09(4)(w). To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at the web address listed above.

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 (262) 574-2140.

Sincerely,

Brenda H. Boyce
Hydrogeologist
Remediation & Redevelopment Program
C: Shelley Hildebrandt – Midwest Engineering



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June 9, 2004

Ms. Janet Miller
404 Key West Court
Boulder, CO 89005

FID# 268380310
BRRTS# 03-68-001829

Subject: Conditional Case Closure for Holmgren Property, W288 S560 Elmhurst Road, Delafield

Dear Ms. Miller:

On April 26, 2004, the Wisconsin Department of Natural Resources (Department) received your request for closure of the case referenced above. After careful review of the closure request, the Department has determined that the petroleum contamination on the site from the former gasoline UST appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

- The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm.. Documentation of well abandonment must be submitted to Ms. Victoria Stovall on Form 3300-5B found at <http://www.dnr.state.wi.us/org/water/dwg/gw/> or provided by the Department of Natural Resources.
- The closure report indicates that soil cuttings were disposed off-site by EOG. Please provide documentation of that disposal. In addition, any remaining waste and/or purge water 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 purge water have been removed once that work is completed.

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. Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the 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>

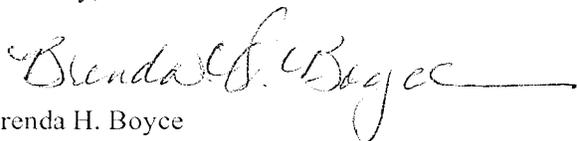
If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Holmgren Property
June 9, 2004
Page 2 of 2

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 (262) 574-2140.

Sincerely,

A handwritten signature in cursive script that reads "Brenda H. Boyce". The signature is written in black ink and is positioned above the typed name.

Brenda H. Boyce
Hydrogeologist
Remediation & Redevelopment Program

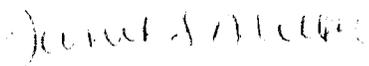
C: Shelley Hildebrandt – Midwest Engineering

April 21, 2004

Wisconsin Department of Natural Resources
Remediation and Redevelopment Program
2300 N. M.L. King Jr. Dr.
P.O. Box 12436
Milwaukee, Wisconsin 53212

SUBJECT: Holmgren Property
W288 S560 Elmhurst Road
Town of Delafield, Wisconsin
MES Project No. 7-11098
FID: 268380310
BRRTS No. 02-68-001829

The legal descriptions for all properties within or partially within the boundaries of the contamination originating from the above referenced site are attached. The parcel identification number is DELT 0862 987. The WTM91 Coordinates are 656989, 285138.



Janet Miller

LEGAL DESCRIPTION

Lot 1, being a subdivision of part of the Northwest $\frac{1}{4}$ of Section 36, Town 7 North, Range 18 East, Town of Delafield, State of Wisconsin, Tax Key DELT 0862 986

All that part of the Northwest One-quarter ($\frac{1}{4}$) of Section Thirty-six (36), Township Seven (7) North, Range Eighteen (18) East, Town of Delafield, Waukesha County, Wisconsin, bounded and described as follows: Commencing at the Southwest corner of said Northwest $\frac{1}{4}$: thence North 89° 41' 02" East along the South line of said Northwest $\frac{1}{4}$ 407.8 feet, thence North 06° 33' 41" East along the centerline of C.T.H. "G" 615.1 feet, thence North 89° 53' 43" East 857.19 feet to the *place of beginning* of the lands hereinafter described: thence North 01° 00' 54" West 439.43 feet; thence North 88° 59' 06" East 341.96 feet; thence North 01° 12' 51" West 717.22 feet; thence North 83° 47' 14" East 345.87 feet; thence North 01° 00' 54" West 309.12 feet to the place of beginning.

CERTIFIED SURVEY MAP NO. 4811

Part of the Southwest 1/4 and Southeast 1/4 of the Northwest 1/4, of Section 36,
Town 7 North, Range 18 East, in the Town of Delafield, Waukesha County, Wisconsin.

CURVE	ARC	RADIUS	CENTRAL \angle	CH. BEARING	CHORD	TANGENT IN	TANGENT IN
C1	279.27	267.00	59°55'47"	N66°35'47.5"E	266.72	S83°26'19"E	N36°37'54"E
C2	309.57	333.00	53°15'49"	S63°15'48.5"W	298.54	S89°53'43"W	S36°37'54"W
C3	248.21	267.00	53°15'49"	S63°15'48.5"W	239.37	S89°53'43"W	S36°37'54"W
C4	348.31	333.00	59°55'47"	N66°35'47.5"E	332.65	S83°26'19"E	N36°37'54"E

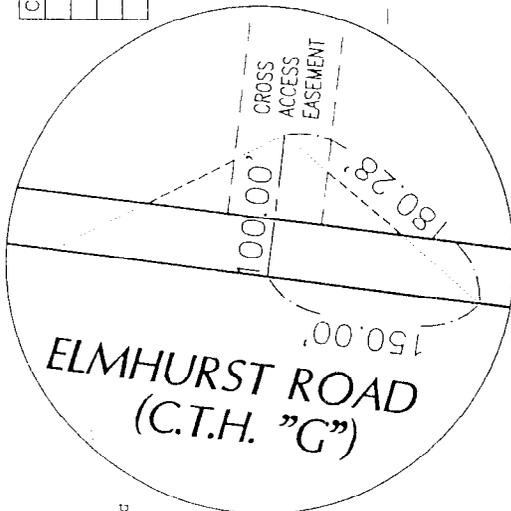
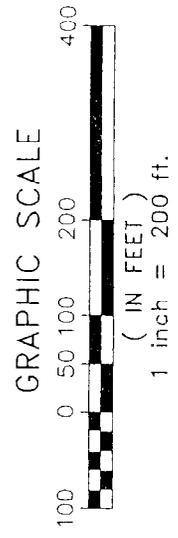
N88°59'06"E 1321.97'

N01°00'54"W
439.43'

LOT 2

LOT 1

LOT 3



VISION CORNER EASEMENT
DETAIL - NTS

N89°53'43"E 857.19'

66' CROSS ACCESS
EASEMENT RECORDED BY
SEPARATE DOCUMENT

VISION CORNER
EASEMENT - SEE DETAIL
ABOVE

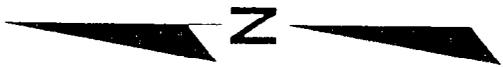
(C.T.H. "G")
ELMHURST ROAD

N06°33'41"E
615.10'

S. LINE OF THE NW 1/4 OF SEC 36
N89°40'50"E 2664.07'

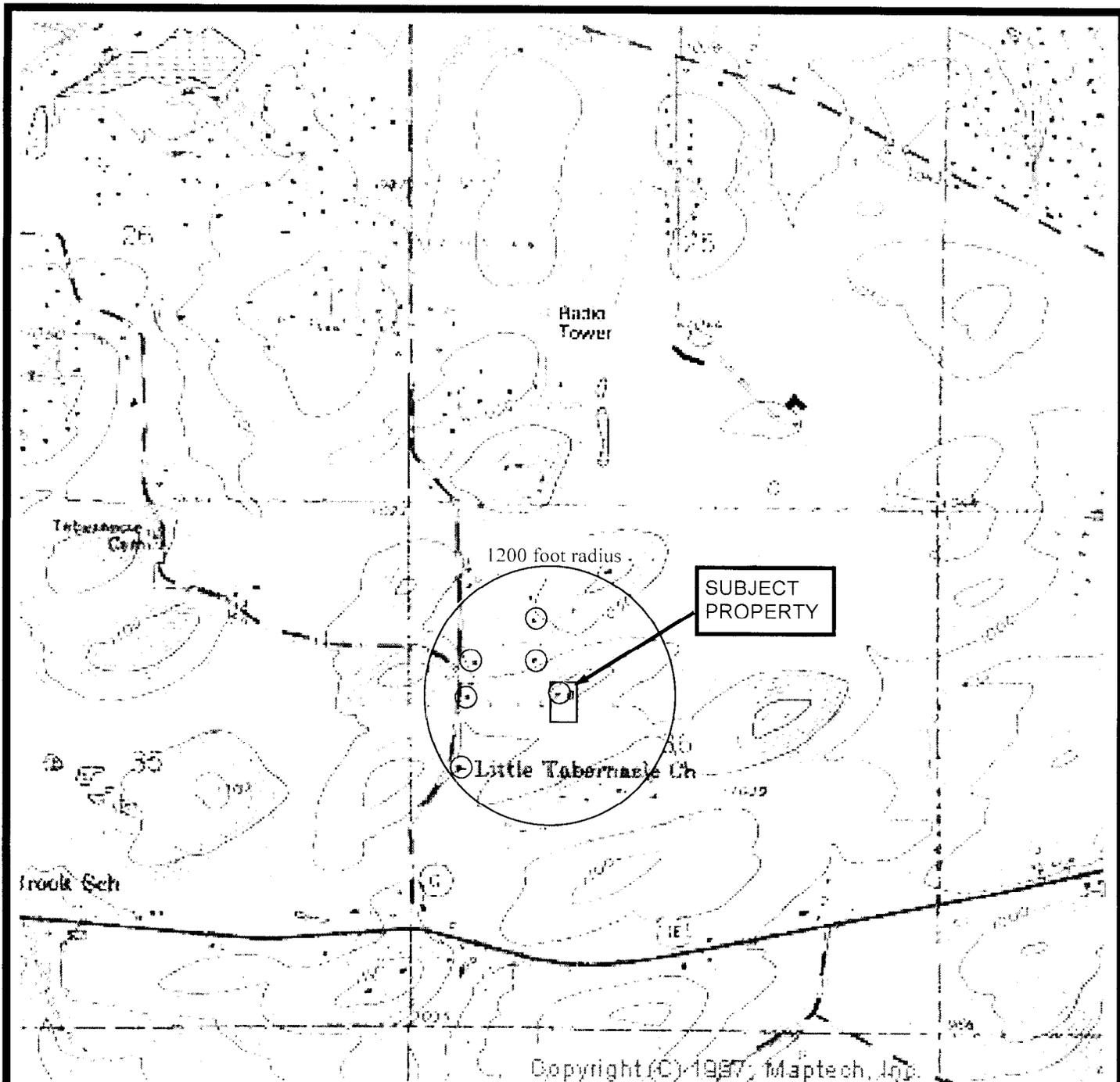
S89°40'50"W 2256.27'

N89°40'50"E
407.80'



National Survey & Engineering
Telephone 262-781-1000
Facsimile 262-797-7373
16745 W. Bluemound Road
Suite 200
Brookfield, WI 53005-5938
www.nsaee.com
S16-045 \ 16104940, CS112L \ DAW





Source: USGS 7.5 Minute Series (Topographic) - Hartland Quadrangle Map, Dated 1959 (Rev. 1994)

W 1/2 of the SE 1/4 of the NW 1/4, Section 36, Township 7 North, Range 18 East

Subject Site GIS Coordinates 656989, 285138

○ Properties with Potable wells within 1200 feet of groundwater plume



Holmgren Property
W288 S560 Elmhurst Road
Town of Delafield, Wisconsin

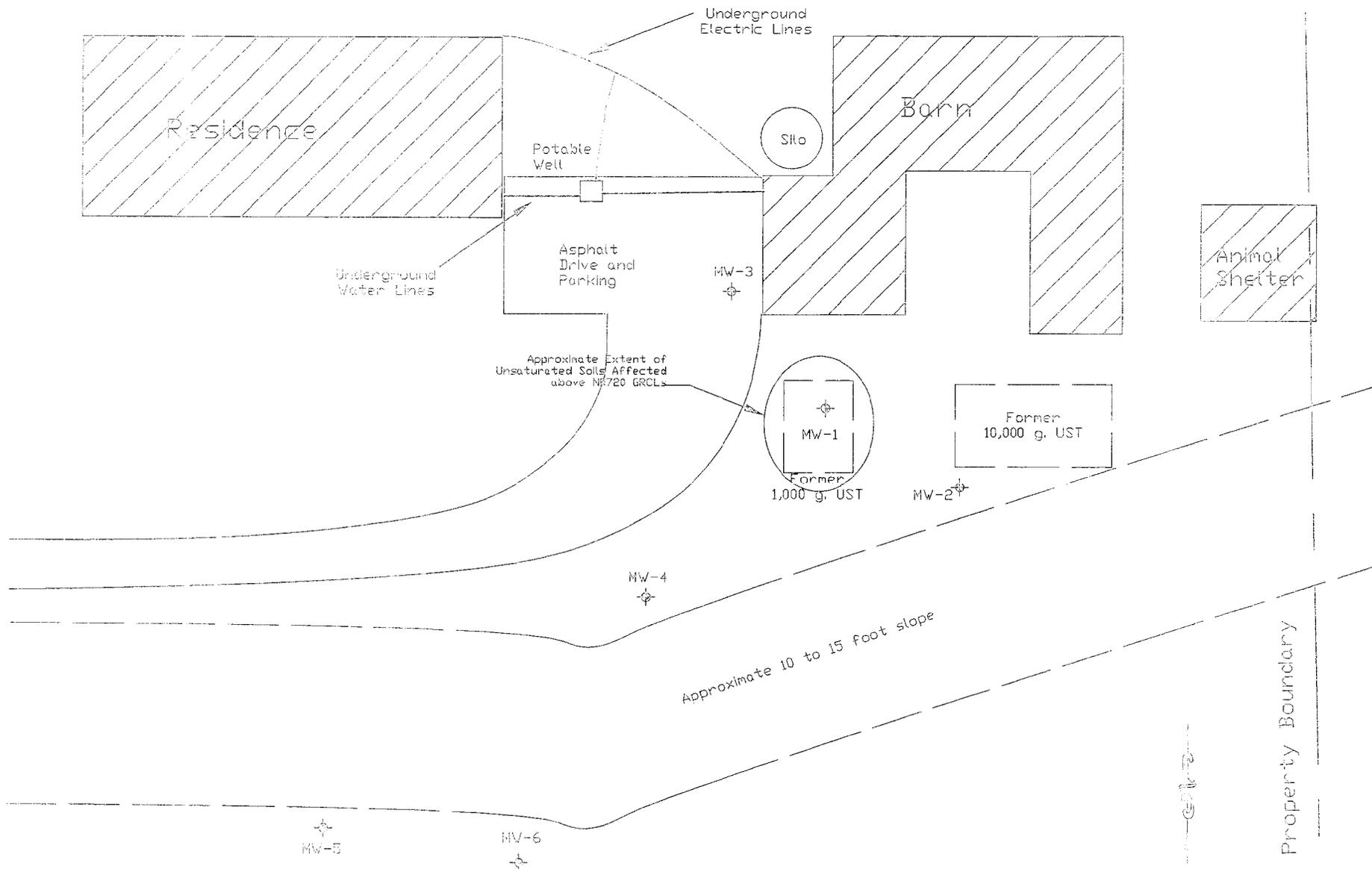
SITE LOCATION MAP

Scale: 1" = 1500'+/-

Project No.: 7-11098

Date: June 26, 2003

Figure 1



STUDY AREA DIAGRAM

Holmgren Property
W288 S560 Elmhurst Road
Delafield, Wisconsin

Scale: 1" = 30' +/-

Project Number: 7-11098

Date: 2/15/02

Drawn By: slh

TABLE 1
Miller Property
MES Project Number 7-11098
Summary of Soil Sample Analysis Results

Boring	Depth (ft)	Date Collected	PID Value	LEAD (mg/kg)	CRO (mg/kg)	Volatile Organic Compounds (ug/kg)										
						Benzene	n-Butylbenzene	sec-Butylbenzene	Ethylbenzene	Isopropylbenzene	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes
B-1	6-8	12/31/01	ND	12.8	<5.81	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
	30-32	12/31/01	500	4.42	939	4480	9200	2510	14100	1880	6830	6900	40200	34700	9650	<25
	40-42	12/31/01	10	2	<5.56	<25	<25	<25	67.3	<25	<25	<25	146	62	<25	<25
B-2	38-40	1/28/02	ND	na	<5.41	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
B-3	34-36	1/28/02	ND	na	<5.51	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
B-4	30-32	1/28/02	ND	na	<5.51	<25	<25	<25	<25	<25	<25	<25	<25	<25	27	<25
	36-38	1/28/02	ND	na	<5.51	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
B-5	36-38	1/30/02	40	na	<5.49	85.3	<25	<25	211	<25	57.2	<25	43.5	308	108	306
B-6	36-38	1/30/02	ND	na	<5.49	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
B-7	36-38	2/18/02	ND	na	na	<25	<25	<25	<25	<25	<25	<25	<25	<25	29.7	29.1
DNR GRCL (NR 720)				50	100	5.5	--	--	2900	--	--	--	1500	--	--	--
DNR SSL (NR 746)				--	--	8500	--	--	4600	--	2700	--	38000	83000	11000	42000

NOTES:

DNR GRCL = DNR Generic Residual Contaminant Levels
DNR SSL = DNR Soil Screening Level
-- = no standard established
Bold numbers indicate concentrations above WDNR GRCLs
Bold italics indicate concentrations above WDNR SSLs

mg/kg = milligrams per kilogram = parts per million (ppm)
ug/kg = micrograms per kilogram = parts per billion (ppb)
ND = Not Detected
na = Not Analyzed

TABLE 2
Miller/Holmgren Property
MES Project Number 7-11098
Summary of Groundwater Sample Results

Well	Date Collected	Volatile Organic Compounds (ug/L)												
		Benzene	n-Butylbenzene	sec-Butylbenzene	Di-isopropyl ether	Ethylbenzene	isopropylbenzene	MTBE	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Toluene	Total Trimethylbenzenes	Total Xylenes
MW-1	3/3/04	<u>42.9</u>	na	na	na	<5	na	7.9	na	<8	na	81.1	38.2	107.0
MW-2	3/3/04	<0.5	na	na	na	<5.0	na	<0.51	na	<8	na	<5.0	<10	<5.0
MW-3	3/4/04	<0.5	na	na	na	<5.0	na	<0.51	na	<8.0	na	<5.0	<10	<5.0
MW-4	3/3/04	<u>322</u>	na	na	na	<5.0	na	<0.51	na	<8	na	<5	<10	<5
MW-5	3/3/04	<0.5	na	na	na	<5.0	na	<0.51	na	<8	na	<5.0	<10	<5.0
MW-6	3/3/04	<0.5	na	na	na	<5.0	na	<0.51	na	<8.0	na	<5.0	<10	<5.0
Potable	3/3/04	<0.5	na	na	na	<5.0	na	<0.51	na	na	na	<5.0	<10.0	<5.0
DNR PAL		0.5	-	-	-	140	-	12	-	8	-	200	96	1000
DNR ES		5	-	-	-	700	-	60	-	40	-	1000	480	1000

NOTES:

DNR PAL - NR140 Preventive Action Limit

DNR ES - NR140 Enforcement Standard

- = no standard established

-- = well dry - no sample taken

ug/L = micrograms per liter = parts per billion

Bold indicates concentrations above WDNR PAL

Bold underline indicates concentrations above WDNR ES

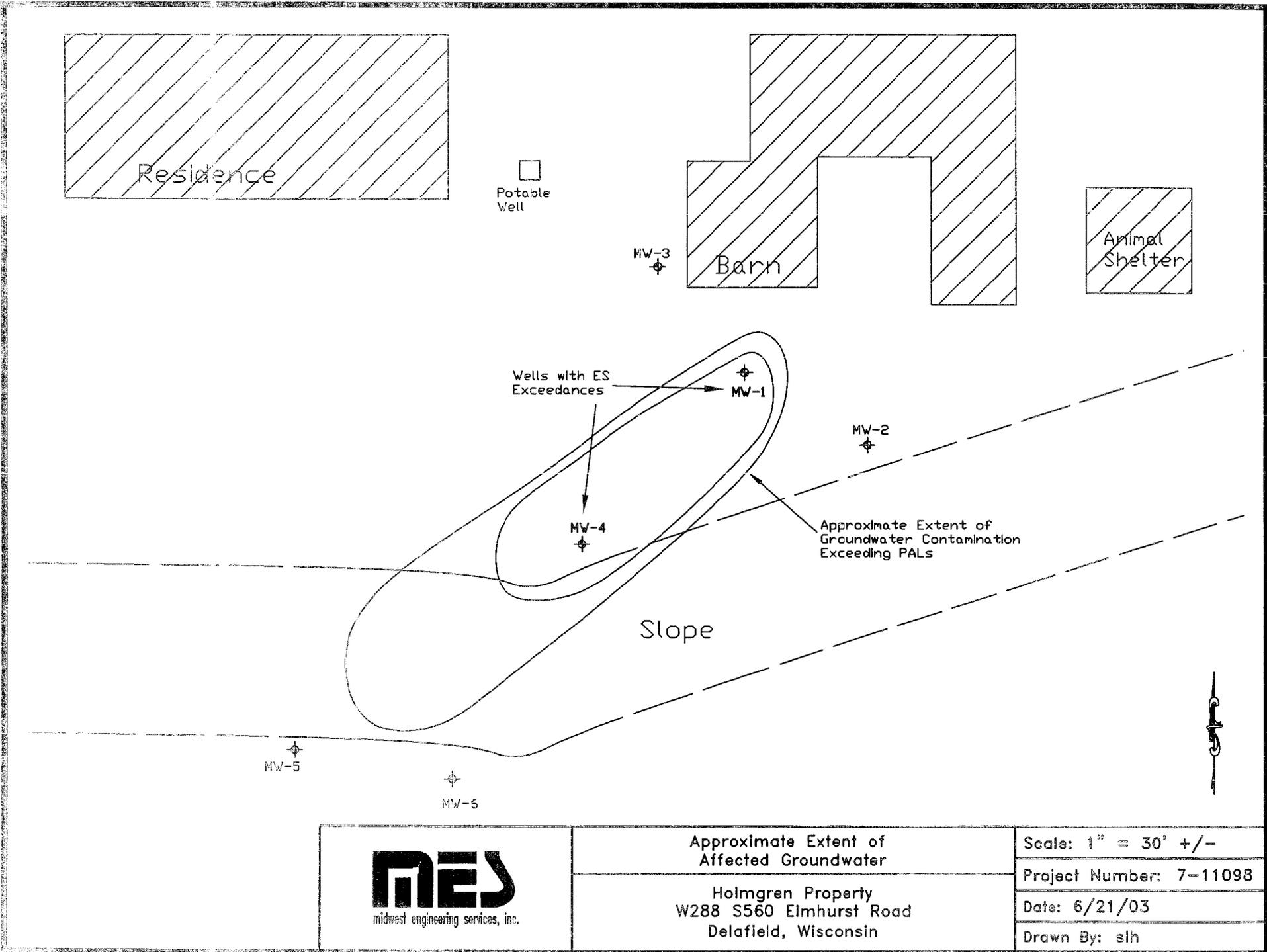
TABLE 2
Miller/Hoimgren Property
MES Project Number 7-11098
Summary of Groundwater Sample Results

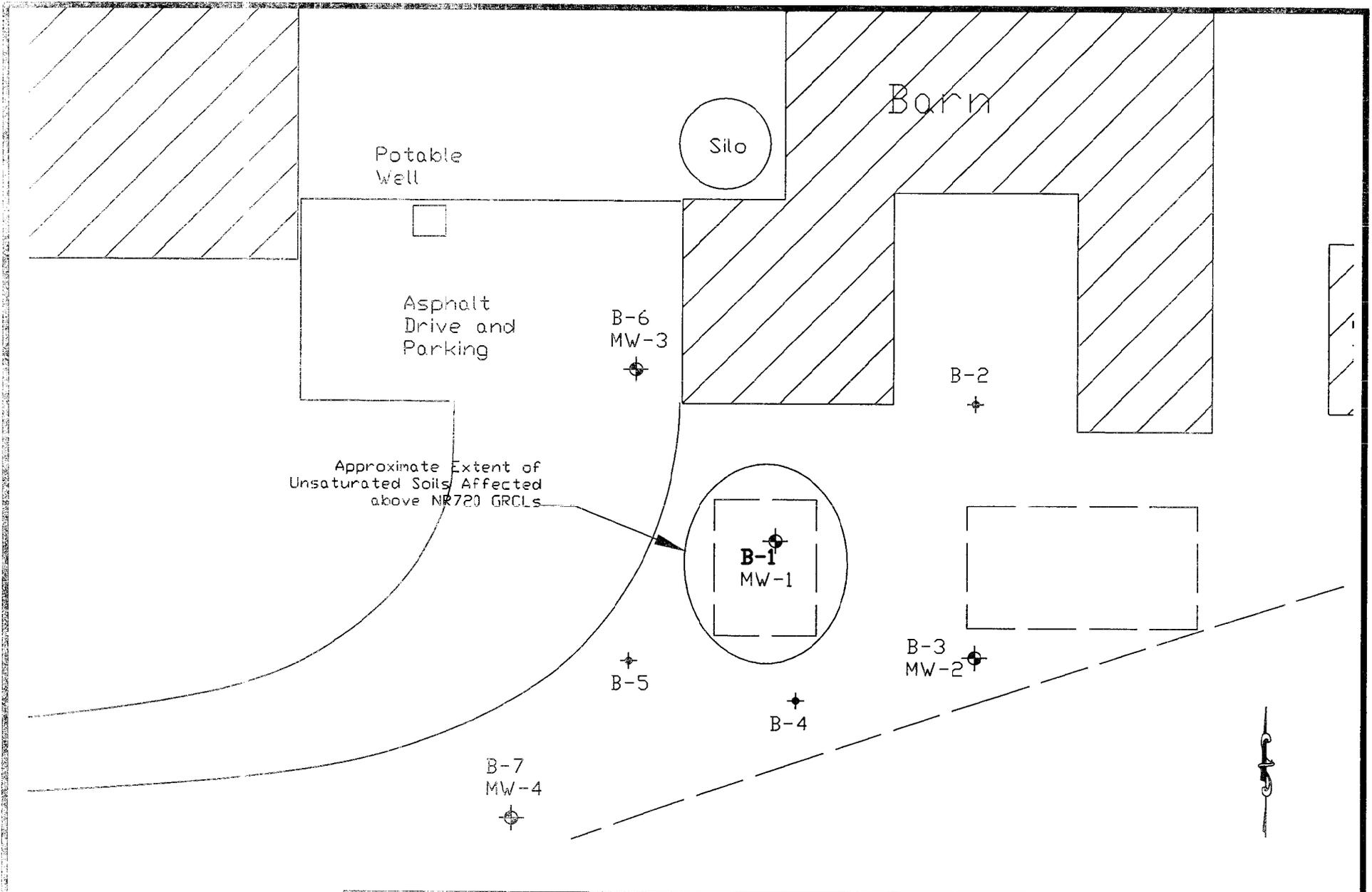
Well	Date Collected	Volatile Organic Compounds (ug/L)											Total Trimethylbenzenes	Total Xylenes	
		Benzene	n-Butylbenzene	sec-Butylbenzene	Diisopropyl ether	Ethylbenzene	Isopropylbenzene	MtBE	p-Isopropyltoluene	Naphthalene	m-Propylbenzene	Toluene			
MW-1	12/4/01	26.7	29.7	5.48	10.20	32	2.89	<0.5	0.94	4.78	12	222	76.8	203	
	1/31/02	94.2	na	na	na	28.4	na	<2	na	32.4	na	312	135.4	370	
	4/1/02	305	na	na	na	233	na	83.2	na	82.5	na	1900	675	2060	
	6/10/02	198	na	na	na	82.2	na	41.2	na	72.8	na	855	351.7	1330	
	9/25/02	156	na	na	na	77.1	na	111	na	149	na	557	767	2210	
	12/11/02	41.8	na	na	na	1.85	na	17.9	na	13.6	na	71.1	99.1	241	
	3/14/03	45.9	na	na	na	4.55	na	7.97	na	4.6	na	81.7	52.0	81.7	
	6/5/03	53.7	na	na	na	3.10	na	8.03	na	2.98	na	99.5	25.7	62.0	
	9/18/03	84.8	na	na	na	1.88	na	52.0	na	2.73	na	77.1	25.6	70.8	
	3/3/04	42.9	na	na	na	<5	na	7.9	na	<8	na	81.1	38.2	107.0	
MW-2	1/31/02	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<2	0.73	
	4/1/02	<0.5	na	na	na	<0.5	na	<0.2	na	<2	na	<0.5	<2	<0.5	
	6/10/02	<0.5	na	na	na	<0.5	na	<0.2	na	<2	na	<0.5	<2	<0.5	
	9/25/02	<0.5	na	na	na	0.577	na	<0.2	na	<2	na	<0.5	<2	1.77	
	12/11/02	<0.5	na	na	na	<0.5	na	<0.2	na	<2	na	<0.5	<2	<0.5	
	3/14/03	Not sufficient water for sample													
	6/5/03	<0.5	na	na	na	<0.5	na	<0.2	na	<2	na	<0.5	<2	<0.5	
	9/18/03	<0.5	na	na	na	<0.5	na	<0.2	na	3.47	na	<0.5	<2	<0.5	
	3/3/04	<0.5	na	na	na	<5.0	na	<0.51	na	<8	na	<5.0	<10	<5.0	
	MW-3	1/31/02	<0.5	<0.5	<0.5	<5	0.86	<0.5	<0.5	<0.5	2.15	<0.5	0.90	2.34	3.02
4/1/02		<0.5	na	na	na	<0.5	na	<0.2	na	<0.5	na	<0.5	<2	<0.5	
6/10/02		<0.5	na	na	na	<0.5	na	<0.2	na	<0.5	na	<0.5	<2	<0.5	
9/25/02		<0.5	na	na	na	<0.5	na	<0.2	na	<0.5	na	<0.5	<2	<0.5	
12/11/02		<0.5	na	na	na	<0.5	na	<0.2	na	<0.5	na	<0.5	<2	<0.5	
3/14/03		Not sufficient water for sample													
6/5/03		Not sufficient water for sample													
9/18/03		<0.5	na	na	na	<0.5	na	<0.2	na	<0.5	na	<0.5	3.11	<0.5	
3/4/04		<0.5	na	na	na	<5.0	na	<0.51	na	<8.0	na	<5.0	<10	<5.0	
MW-4		4/1/02	1390	1.51	1.13	<5	0.928	3.35	0.84	<0.5	12	1.18	33.1	97.3	149
	6/10/02	1220	na	na	na	1.14	na	15.8	na	14.4	na	37.5	48.4	62.7	
	9/25/02	3650	na	na	na	6.19	na	18.4	na	26.6	na	108.0	43.3	107	
	12/11/02	1640	na	na	na	7.42	na	13.8	na	38.2	na	73.7	51.1	66.1	
	3/14/03	680	na	na	na	0.53	na	8.8	na	17.8	na	13.8	16.1	11.0	
	6/5/03	291	na	na	na	<0.5	na	2.93	na	4.3	na	2.85	2.18	2.72	
	9/18/03	491	na	na	na	<0.5	na	<0.2	na	2.26	na	3.99	3.84	2.11	
	3/3/04	322	na	na	na	<5.0	na	<0.51	na	<8	na	<5	<10	<5	
	MW-5	6/10/02	<0.5	<0.5	<0.5	<5	0.647	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<2	1.96
		9/25/02	<0.5	na	na	na	<0.5	na	<0.2	na	<2	na	<0.5	<2	1.98
12/11/02		<0.5	na	na	na	<0.5	na	<0.2	na	<2	na	<0.5	<2	2.79	
3/14/03		<0.5	na	na	na	<0.5	na	<0.2	na	<2	na	<0.5	<2	<0.5	
6/5/03		<0.5	na	na	na	<0.5	na	<0.2	na	<2	na	<0.5	<2	<0.5	
9/18/03		<0.5	na	na	na	<0.5	na	<0.2	na	<2	na	<0.5	<2	<0.5	
3/3/04		<0.5	na	na	na	<5.0	na	<0.51	na	<8	na	<5.0	<10	<5.0	
MW-6		6/10/02	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
		9/25/02	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<2	<0.5
		12/11/02	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<2	<0.5
	3/14/03	<0.5	na	na	na	<0.5	na	<0.2	na	<2	na	<0.5	<2	<0.5	
	6/5/03	<0.5	na	na	na	<0.5	na	<0.2	na	<2	na	<0.5	<2	<0.5	
	9/18/03	<0.5	na	na	na	<0.5	na	<0.2	na	<2	na	<0.5	<2	<0.5	
	3/3/04	<0.5	na	na	na	<5.0	na	<0.51	na	<8.0	na	<5.0	<10	<5.0	
	Potable	1/28/02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<2	<0.5
		10/17/02	<0.5	na	na	na	<0.5	na	<0.2	na	na	na	<0.5	<2	<0.5
		9/5/03	<0.5	na	na	na	<0.5	na	<0.2	na	na	na	<0.5	<2	<0.5
9/18/03		<0.5	na	na	na	<0.5	na	<0.2	na	na	na	<0.5	<2	<0.5	
3/3/04		<0.5	na	na	na	<5.0	na	<0.51	na	na	na	<5.0	<10.0	<5.0	
DNR PAL		0.5	-	-	-	140	-	12	-	8	-	200	96	1000	
DNR ES		5	-	-	-	700	-	80	-	40	-	1000	480	10000	

NOTES:

DNR PAL - R140 Prevention Action Limit
 DNR ES - R140 Enforcement Standard
 - indicates not established
 na indicates no compound detected

ug/L = micrograms per liter = parts per billion
 Bold indicates concentrations above WDNR PAL
 Bold underline indicates concentrations above WDNR ES





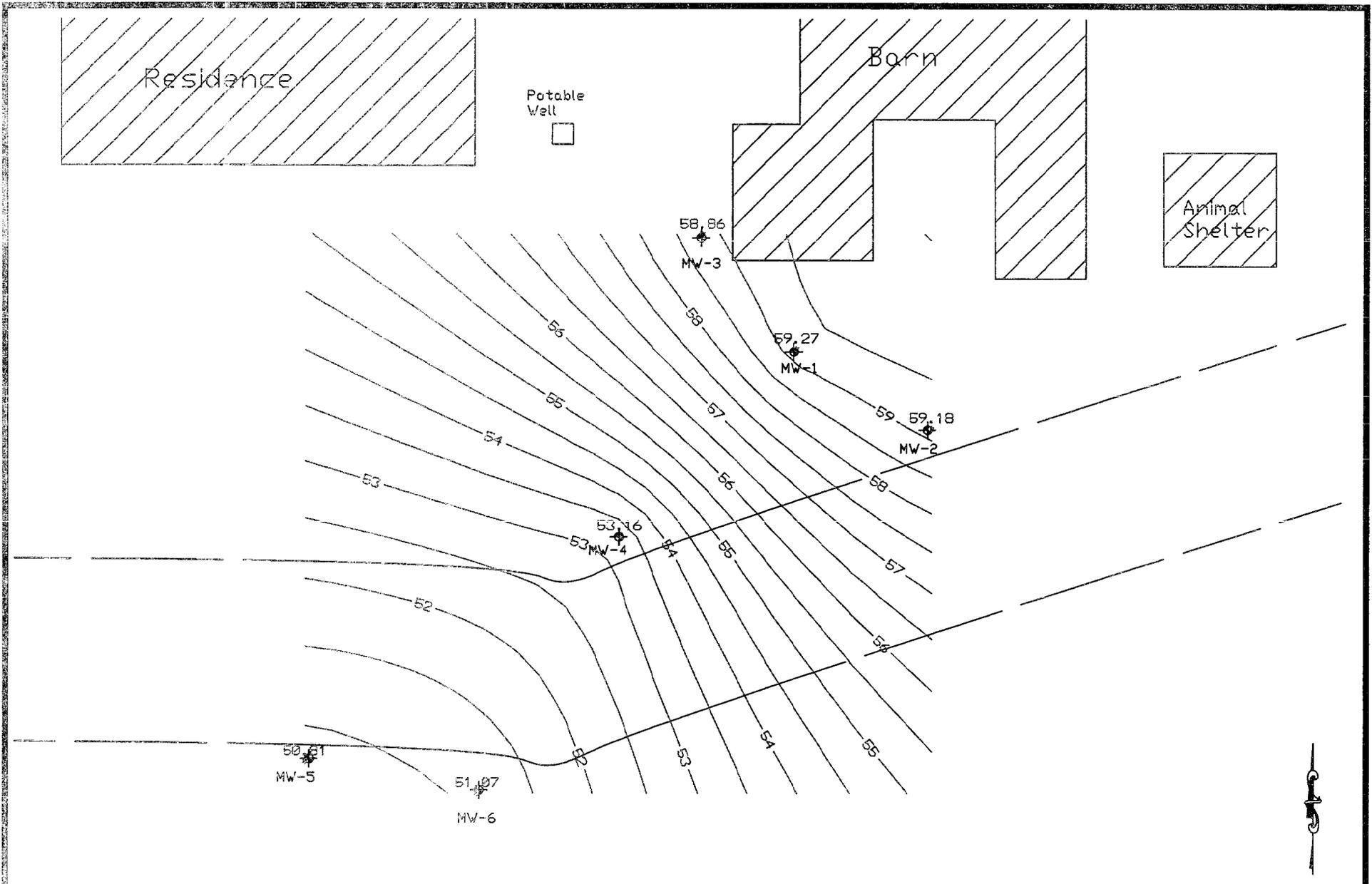
	Approximate Extent of Affected Soil	Scale: 1" = 20' +/-
	Holmgren Property W288 S560 Elmhurst Road Delafield, Wisconsin	Project Number: 7-11098
		Date: 2/8/02
		Drawn By: slh

Table 3
 Holmgren Property
 MES Project No. 7-11098
 Groundwater Elevations

ELEVATIONS	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Surface	97.33	95.09	99.08	96.11	82.75	80.70
Top of Casing	99.79	96.50	98.77	97.19	85.19	82.71
Top of Screen	67.49	64.40	68.77	60.19	58.99	55.91
Bottom of Screen	57.49	54.40	58.77	45.19	43.99	40.91
Groundwater						
3/14/03	58.32	54.70	58.85	52.39	45.12	47.70
6/5/03	59.67	59.64	Dry	54.28	45.94	50.06
9/18/03	60.46	60.10	59.76	54.01	51.43	43.58
3/3/04	59.27	59.18	58.86	53.16	50.81	51.07

Benchmark = top of concrete slab at back door of residence = 100.00'

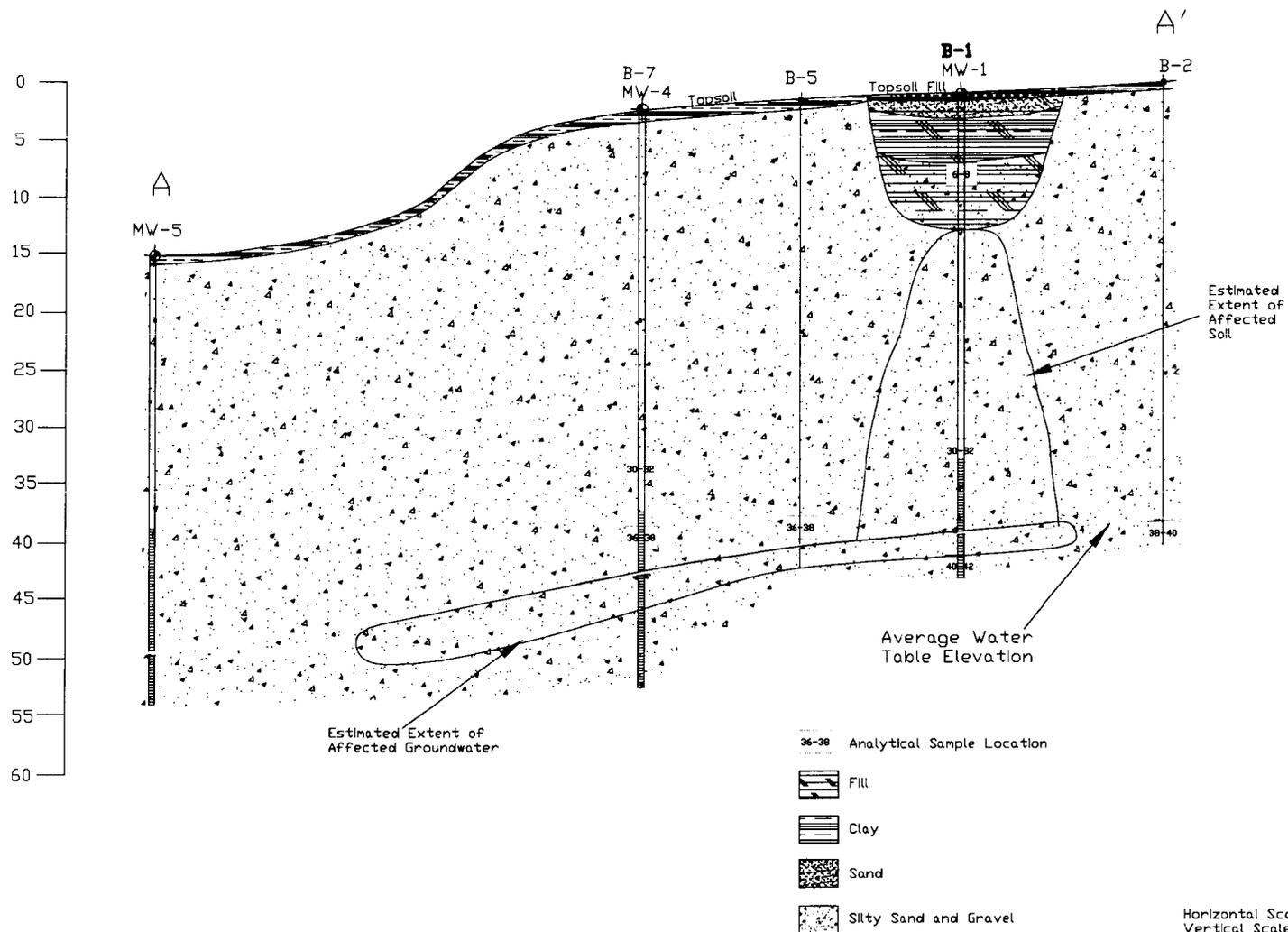
Pavement at SWC of Barn at electrical pipe 97.18



Groundwater Elevation Contour Diagram
 March 3, 2004

Holmgren Property
 W288 S560 Elmhurst Road
 Delafield, Wisconsin

Scale: 1" = 30'
 Project Number: 7-11098
 Date: 3/3/04
 Drawn By: sih



GEOLOGIC CROSS SECTION

Holmgren Property
W288 S560 Elmhurst Road
Delafield, Wisconsin

Scale: See Plan
Project Number: 7-11098
Date: 7/22/03
Drawn By: slh