State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Annex
4041 North Richards Street
PO Box 12436
Milwaukee, Wisconsin 53212-0436
Telephone 414-229-0800
FAX 414-229-0810

June 11, 1999

Tom Wiza
City of Cedarburg Public Works
P.O. Box 49
Cedarburg, WI 53012

Dear Mr. Wiza:

Subject: Case closure, City of Cedarburg Public Works Garage, W59 N306 Johnson Street, Cedarburg, file reference FID #246101020 ERR-LUST

Thank you for having your consultant monitor groundwater for an additional 2 quarters. I have reviewed your case file based on documents submitted by Northern Environmental. Based on this information I agree with Northern Environmental in that no further work is needed. The department reserves the right to reopen this case pursuant to s. NR726.09, Wisconsin Administrative Code, should additional information regarding site conditions indicate contamination on or from the site poses a threat to public health, safety or welfare or the environment.

To complete the closure of this site, you must place a groundwater use restriction on the property deed at the county register of deeds office which specifies the legal description of the property, the location, type, and concentration of the contaminants and includes the following language:

> Natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundaries of this property. Construction of wells where water quality exceeds the drinking water standards in ch. NR809 is restricted by chs. NR811 and NR812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply. 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 to determine what specific requirements are applicable prior to constructing or reconstructing a well on this property.

Within 60 days all of the groundwater monitoring wells at the site must be abandoned in accordance with WAC NR 141 and the completed abandonment forms must be submitted to the department. Once the department receives the abandonment forms, this case will be tracked as closed on our computer tracking system. Please also have the groundwater recovery sump abandoned.

If you have any questions about this letter, call me at 414-229-0850.

Sincerely,

John Feeney
Hydrogeologist

C: Northern Environmental
SER File

650015

VOL 1224 PAGE 790

RECORDED

2000 JAN 14 AM 8:30

REGISTER OF DEEDS OZAUKEE COUNTY, WI

RECEIVED

JAN 19 2

CITY OF CEDARBURG

Document Number | GROUNDWATER USE RESTRICTION

Recording Area

Name and Return Address
Jacquelyn Dekker, City Clerk
City of Cedarburg
P.O. Box 49
Cedarburg, WI 53012-0049

$12

13-050-21-04-000 *
Parcel Identification Number (PIN)

Declaration of Restrictions

In Re: Lot 4 Block 21 except east 210' north 195' south 237' east 299' west 508' Assessor plot NW/4 S35 T10N R21E

STATE OF WISCONSIN)
) ss
COUNTY OF Ozaukee)

WHEREAS, city of Cedarburg is the owner of the above-described property.

WHEREAS, one or more petroleum discharges have occurred at this property. Petroleum contaminated groundwater above NR 140 enforcement standards exists on this propertyin the area immediately east of the Public Works Garage and west of the two storage garages currently present on the Property.

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

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

WHEREAS, construction of wells where the water quality exceeds the drinking water standards in ch. NR 809 is restricted by ch. NR 811 and ch. NR 812. 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 WDNR Bureau of Drinking Water and Ground Water to determine what specific requirements are applicable prior to constructing or reconstructing a well on this property. No well may be constructed or reconstructed on this property unless applicable requirements are met.

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 and 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 the restrictions set forth in this covenant are no longer required. Upon 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, with a copy of the Department's written determination, may be recorded to give notice that this groundwater use restriction is no longer binding.

IN WITNESS WHEREOF, this Declaration of Restrictions is executed by City of Cedarburg authorized officers or agents this 13th day of January, 2000.

CITY OF CEDARBURG

By: James W. Coutts
James W. Coutts, Mayor

Countersigned:

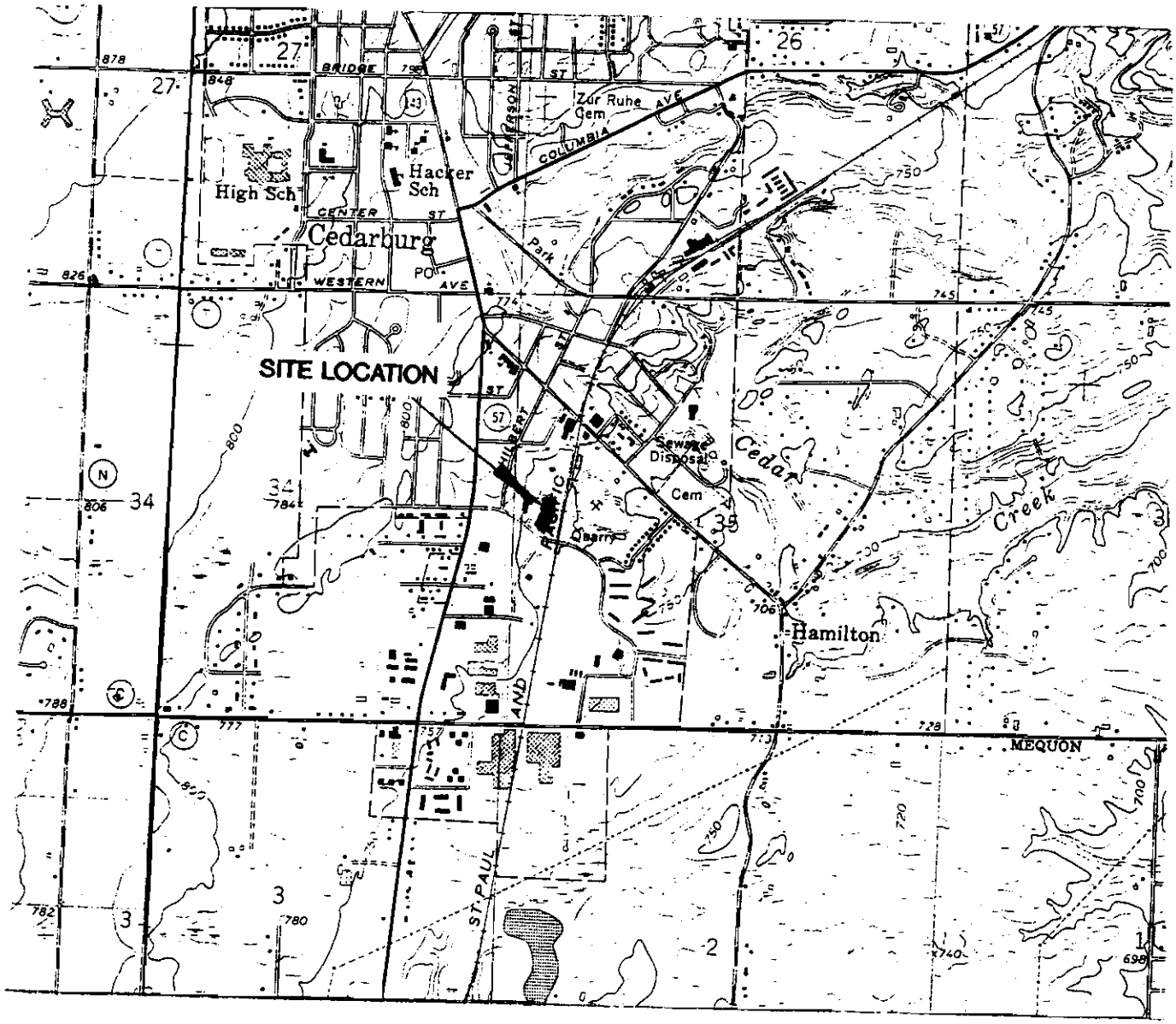
By: Jacquelyn S. Dekker
Jacquelyn S. Dekker, City Clerk

STATE OF WISCONSIN)
) ss
COUNTY OF OZAUKEE)

Personally came before me this 13th day of January, 2000, the above-named James W. Coutts, Mayor, and Jacquelyn S. Dekker, City Clerk, to me known to be the persons who executed the foregoing instrument and acknowledged the same.

Kathleen A. Anschutz
Notary Public, State of Wisconsin
My Commission: 3-19-2000

This document was drafted by the Wisconsin Department of Natural Resources.



SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
5 0 1 KILOMETRE

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

N

QUADRANGLE LOCATION

REV.	PROJECT: CBG 130948	DATE: 11/16/93

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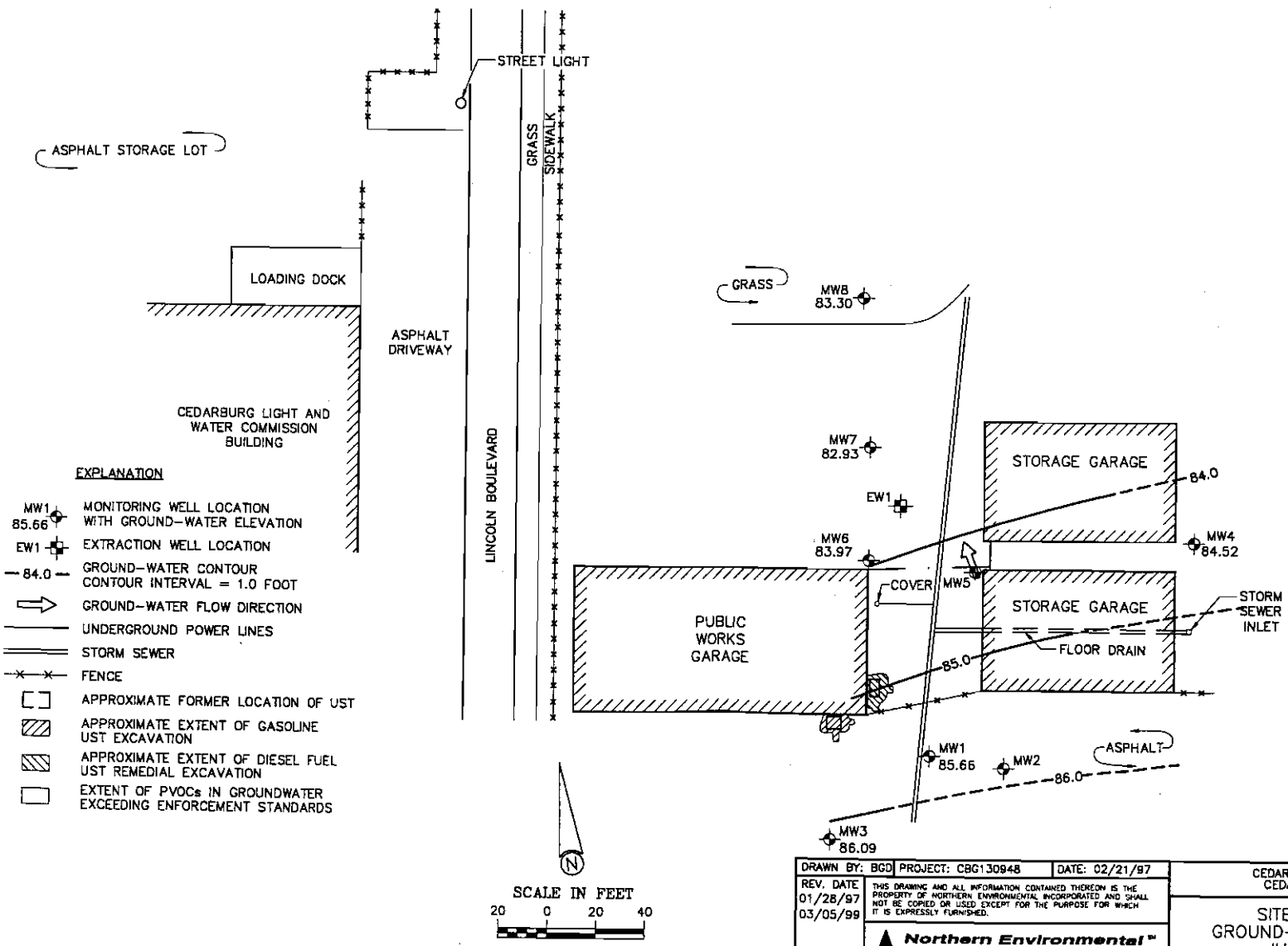
Northern Environmental
Hydrologists • Engineers • Geologists

CEDARBURG PUBLIC WORKS GARAGE
CEDARBURG, WISCONSIN

SITE LOCATION AND LOCAL TOPOGRAPHY

FIGURE 1



DRAWN BY: BGD	PROJECT: CBG130948	DATE: 02/21/97
REV. DATE 01/28/97 03/05/99	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.	

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Hydrologists · Engineers · Geologists

CEDARBURG PUBLIC WORKS
CEDARBURG, WISCONSIN

SITE LAYOUT AND GROUND-WATER CONTOURS JULY 28, 1998

FIGURE 1

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PRINTED: 10/28/98 09:36:33 17x11.dwg

Table 2 Ground-Water Quality Laboratory Analyses, Cedarburg Public Works Garage, Cedarburg, Wisconsin

Sample Location	Date	Concentrations of Analytes Detected (µg/l)																	
		DRO	GRO	Lead	Benzene	n-butyl-benzene	sec-butyl-benzene	Di-isopropyl-ether	Ethyl-benzene	Isopropyl-benzene	p-isopropyl-toluene	MTBE	Naphthalene	n-propyl-benzene	Toluene	Trimethyl-benzenes	Total Xylenes	Tert-butyl-benzene	Lab
MW1	01/27/93	870**	5000	11	160	18	9.2	<1.0	290	19	4.6	46	60	43	51	351	1110	2.0	U.S. Analytical
	05/04/93	-	-	-	31	-	-	-	120	-	-	5.2	-	-	9.1	246	530	-	U.S. Analytical
	08/30/93	-	-	3	25	7.4	6.1	<1.0	150	11	2.5	4.4	57	29	4.8	286	610	<1.0	U.S. Analytical
*	11/30/93	-	-	-	140	20	9.9	5.8	520	36	4.3	20	170	88	25	900	1130	<1.0	U.S. Analytical
	05/05/94	290	690	<.04	140	19	10	5.0	520	37	4.3	20	170	90	25	868	1130	<1.0	U.S. Analytical
*	05/05/94	-	480	-	4.1	6.7	1.4	<1.0	34	2.7	<1.0	<1.0	13	5.8	2.0	94	212	<1.0	U.S. Analytical
	08/09/95	2100	3200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	U.S. Analytical
*	08/09/95	-	-	-	16	-	-	-	200	-	-	<12	-	-	<10	496	870	-	U.S. Analytical
	12/20/95	1200	1400	-	18	-	-	-	210	-	-	<12	-	-	<10	542	976	-	U.S. Analytical
	03/13/96	1700	3300	-	8.3	-	-	-	120	-	-	<1.2	-	-	3.3	261	530	-	U.S. Analytical
	06/11/96	120	120	-	20	-	-	-	220	-	-	<1.2	-	-	11	512	980	-	U.S. Analytical
***	09/13/96	-	-	-	<0.7	-	-	-	6.6	-	-	<0.5	-	-	<1	23.2	25	-	U.S. Analytical
	12/13/96	-	-	-	870	-	-	-	390	-	-	19	-	-	93	730	670	-	U.S. Analytical
	03/14/97	-	-	-	59	-	-	-	220	-	-	<5	-	-	110	15	56	-	U.S. Analytical
					1.3				21			0.28			<1.5	76	120	-	U.S. Analytical
MW2	01/27/93	<100	<100	4.0	<0.6	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<2.0	<1.5	<1.0	U.S. Analytical
	05/04/93	-	-	-	<0.6	-	-	-	<1.0	-	-	<1.0	-	-	<1.0	<2.0	<2.5	-	U.S. Analytical
	08/30/93	-	-	-	<0.6	-	-	-	<1.0	-	-	<1.0	-	-	<1.0	<2.0	<2.5	-	U.S. Analytical
	11/30/93	-	<100	<1.0	<0.6	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<2.0	<2.5	-	U.S. Analytical
	06/09/95	<100	<100	-	<0.6	-	-	-	<0.57	-	-	<1.2	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	12/20/95	<100	<100	-	<0.6	-	-	-	<0.57	-	-	<1.2	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	03/13/96	<100	<100	-	<0.6	-	-	-	<0.57	-	-	<1.2	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	06/11/96	<100	<100	-	<0.7	-	-	-	<0.7	-	-	<0.5	-	-	<1.0	<1.9	<2	-	U.S. Analytical
MW3	01/27/93	<100	<100	<1.0	<0.6	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<2.0	<1.5	<1.0	U.S. Analytical
*	01/27/93	-	-	-	<0.6	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<2.0	<1.5	<1.0	U.S. Analytical
	05/04/93	-	-	-	<0.6	-	-	-	<1.0	-	-	<1.0	-	-	<1.0	<2.0	<2.5	-	U.S. Analytical
	08/30/93	-	-	-	<0.6	-	-	-	<1.0	-	-	<1.0	-	-	<1.0	<2.0	<2.5	-	U.S. Analytical
	11/30/93	-	-	-	<0.6	-	-	-	<1.0	-	-	<1.0	-	-	<1.0	<2.0	<2.5	-	U.S. Analytical
	06/09/95	420	<100	-	<0.6	-	-	-	<0.57	-	-	<1.2	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	12/20/95	<100	<100	-	<0.6	-	-	-	<0.57	-	-	<1.2	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	03/13/96	<100	<100	-	<0.6	-	-	-	<0.57	-	-	<1.2	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	06/11/96	<100	<100	-	<0.7	-	-	-	<0.7	-	-	<0.5	-	-	<1.0	<1.9	<2	-	U.S. Analytical
MW4	03/15/93	<100	<100	<1.0	<0.6	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<2.0	<1.5	<1.0	U.S. Analytical
	05/04/93	-	-	-	<0.6	-	-	-	<1.0	-	-	<1.0	-	-	<1.0	<2.0	<2.5	-	U.S. Analytical
	08/30/93	-	-	-	<0.6	-	-	-	<1.0	-	-	<1.0	-	-	<1.0	<2.0	<2.5	-	U.S. Analytical
*	08/30/93	-	-	-	<0.6	-	-	-	<1.0	-	-	<1.0	-	-	<1.0	<2.0	<2.5	-	U.S. Analytical
	11/30/93	-	-	-	<0.6	-	-	-	<1.0	-	-	<1.0	-	-	<1.0	<2.0	<2.5	-	U.S. Analytical
	06/09/95	110	<100	-	<0.6	-	-	-	<0.57	-	-	<1.2	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	12/20/95	<100	<100	-	<0.6	-	-	-	<0.57	-	-	<1.2	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	03/13/96	<100	<100	-	<0.6	-	-	-	<0.57	-	-	<1.2	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	06/11/96	<100	<100	-	<0.7	-	-	-	<0.7	-	-	<0.5	-	-	<1.0	<1.9	<2	-	U.S. Analytical

Table 2 Ground-Water Quality Laboratory Analyses, Cedarburg Public Works Garage, Cedarburg, Wisconsin

Sample Location	Date	Concentrations of Analytes Detected (µg/l)																	
		DRO	GRO	Lead	Benzene	n-butyl-benzene	sec-butyl-benzene	Di-isopropyl-ether	Ethyl-benzene	Isopropyl-benzene	p-isopropyl-toluene	MTBE	Naphthalene	n-propyl-benzene	Toluene	Trimethyl-benzenes	Total Xylenes	Tert-butyl-benzene	Lab
MW5	11/15/94	6200	1600	11	89	46	17	<1.0	62	21	11	6.0	200	29	4.6				
	06/09/95	8500	2100	-	330	-	-	-	170	-	-	9.9	-	-	4.9	198	170	<1.0	U.S. Analytical
	12/20/95	4800	1800	-	290	-	-	-	100	-	-	3.8	-	-	3.9	237	140	<1.0	U.S. Analytical
	03/13/96	4900	2600	-	360	-	-	-	110	-	-	4.2	-	-	4.2	190	160	-	U.S. Analytical
	06/11/96	6800	1400	-	160	-	-	-	62	-	-	<5	-	-	15	260	170	-	U.S. Analytical
	09/13/96	-	-	-	140	-	-	-	75	-	-	<5	-	-	<10	153	100	-	U.S. Analytical
	12/13/96	-	-	-	170	-	-	-	73	-	-	<10	-	-	40	180	97	-	U.S. Analytical
	03/14/97	-	-	-	120	-	-	-	40	-	-	<4.2	-	-	<30	110	94	-	U.S. Analytical
																78	56	-	U.S. Analytical
MW6	11/15/94	3000**	3200	2	2100	44	<20.0	<20.0	370	32	<20.0	280	210	57	200	601	1740	<20	U.S. Analytical
	06/09/95	2900	7800	-	1600	-	-	-	590	-	-	87	-	-	320	680	1200	-	U.S. Analytical
	12/20/95	3700	7500	-	1800	-	-	-	710	-	-	130	-	-	250	830	1200	-	U.S. Analytical
*	03/13/96	-	-	-	2000	-	-	-	700	-	-	130	-	-	170	710	1200	-	U.S. Analytical
	06/11/96	2700	6300	-	1800	-	-	-	890	-	-	190	-	-	140	710	1100	-	U.S. Analytical
*	06/11/96	-	-	-	1000	-	-	-	610	-	-	36	-	-	210	850	1200	-	U.S. Analytical
***	09/13/96	-	-	-	1100	-	-	-	610	-	-	37	-	-	280	810	1500	-	U.S. Analytical
	12/13/96	-	-	-	<7	-	-	-	97	-	-	<5	-	-	<10	250	250	-	U.S. Analytical
	03/14/97	-	-	-	1000	-	-	-	500	-	-	<5	-	-	160	524	700	-	U.S. Analytical
					1450	-	-	-	520	-	-	72	-	-	110	576	740	-	U.S. Analytical
MW7	12/22/94	-	390	4.0	5.6	<2.0	<1.0	10	<1.0	<1.0	<1.0	1000	<2.0	<1.0	<1.0	<2.0	1.1	<1.0	U.S. Analytical
*	12/22/94	-	-	-	5.7	<2.0	<1.0	10	<1.0	<1.0	<1.0	1000	<2.0	<1.0	<1.0	<2.0	1.1	<1.0	U.S. Analytical
	02/28/95	-	470	3.0	<0.026	<0.45	<0.49	11.4	<0.32	<0.36	<0.46	858	<0.41	<0.41	<0.69	<1.14	<0.9	<0.4	U.S. Analytical
	04/19/95	<100	700	-	79	-	-	-	<0.57	-	-	1000	-	-	<10	<18.4	<25	-	U.S. Analytical
	06/09/95	<100	270	-	<12	-	-	-	<11	-	-	650	-	-	<20	<37	<50	-	U.S. Analytical
	12/20/95	<100	<100	-	<0.6	-	-	-	<0.57	-	-	340	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	03/13/96	110	240	-	<0.6	-	-	-	<0.57	-	-	380	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	06/11/96	150	200	-	0.99	-	-	-	<0.7	-	-	280	-	-	<1	<1.9	<2	-	U.S. Analytical
	09/13/96	-	-	-	1.2	-	-	-	<0.7	-	-	210	-	-	<1	<1.9	<2	-	U.S. Analytical
	12/13/96	-	-	-	<0.7	-	-	-	<.07	-	-	190	-	-	<1	<1.9	<2	-	U.S. Analytical
	03/14/97	-	-	-	14	-	-	-	<0.68	-	-	170	-	-	<1.5	<1.86	<1.8	-	U.S. Analytical
	07/28/98	-	-	-	1.3	-	-	-	0.41 "J"	-	-	20	-	-	0.39 "J"	<0.99	<1	-	U.S. Analytical
*	07/28/98	-	-	-	1.2	-	-	-	0.42 "J"	-	-	20	-	-	0.38 "J"	<0.99	<1	-	U.S. Analytical
	01/19/99	-	-	-	<0.32	-	-	-	<0.34	-	-	41	-	-	<0.35	<0.99	<1	-	U.S. Analytical
*	01/19/99	-	-	-	<0.32	-	-	-	<0.34	-	-	42	-	-	<0.35	<0.99	<1	-	U.S. Analytical
MW8	04/19/95	<100	<100	2	<0.26	<0.45	<0.49	<0.38	<0.32	<0.36	<0.46	<0.22	<0.41	<0.41	<0.69	<1.14	<0.9	<0.4	U.S. Analytical
	06/09/95	<100	<100	-	<0.6	-	-	-	<0.57	-	-	<1.2	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	12/20/95	<100	<100	-	<0.6	-	-	-	<0.57	-	-	<1.2	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	03/13/96	<100	<100	-	<0.6	-	-	-	<0.57	-	-	<1.2	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	06/11/96	790	<100	-	3.1	-	-	-	<0.7	-	-	3.2	-	-	<1	<1.9	<2	-	U.S. Analytical
	09/13/96	-	-	-	2.3	-	-	-	<0.7	-	-	1.4	-	-	<1	<1.9	<2	-	U.S. Analytical
	12/13/96	-	-	-	<0.7	-	-	-	<0.7	-	-	27	-	-	<1	<1.9	<2	-	U.S. Analytical
	03/14/97	-	-	-	<0.21	-	-	-	<0.68	-	-	4.1	-	-	<1.5	<1.86	<1.8	-	U.S. Analytical
	07/28/98	-	-	-	2.1	-	-	-	<0.34	-	-	<0.31	-	-	<0.35	<0.99	<1	-	U.S. Analytical
	01/19/99	-	-	-	<0.32	-	-	-	<0.34	-	-	<0.31	-	-	<0.35	<0.99	<1	-	U.S. Analytical

Table 2 Ground-Water Quality Laboratory Analyses, Cedarburg Public Works Garage, Cedarburg, Wisconsin

Sample Location	Date	Concentrations of Analytes Detected (µg/l)																	
		DRO	GRO	Lead	Benzene	n-butyl-benzene	sec-butyl-benzene	Di-isopropyl-ether	Ethyl-benzene	Isopropyl-benzene	p-isopropyl-toluene	MTBE	Naphthalene	n-propyl-benzene	Toluene	Trimethyl-benzenes	Total Xylenes	Tert-butyl-benzene	Lab
EW1	12/20/95	1800	3800	-	1700	-	-	-	99	-	-	270	-	-	<10	188	220	-	U.S. Analytical
	03/13/96	2000	4500	-	2000	-	-	-	200	-	-	200	-	-	<50	320	430	-	U.S. Analytical
	06/11/96	2800	4000	-	1700	-	-	-	240	-	-	160	-	-	30	312	470	-	U.S. Analytical
	09/13/96	-	-	-	1500	-	-	-	250	-	-	110	-	-	31	301	640	-	U.S. Analytical
	12/13/96	-	-	-	1800	-	-	-	170	-	-	120	-	-	24	201	330	-	U.S. Analytical
*	12/13/96	-	-	-	1900	-	-	-	170	-	-	120	-	-	23	191	320	-	U.S. Analytical
	03/14/97	-	-	-	1500	-	-	-	250	-	-	88	-	-	42	323	510	-	U.S. Analytical
*	03/14/97	-	-	-	1500	-	-	-	290	-	-	82	-	-	34	362	590	-	U.S. Analytical
Field Blank	05/04/93	-	-	-	<0.6	-	-	-	<1.0	-	-	<1.0	-	-	<1.0	<2.0	<2.5	-	U.S. Analytical
	08/30/93	-	-	-	<0.6	-	-	-	<1.0	-	-	<1.0	-	-	<1.0	<2.0	<2.5	-	U.S. Analytical
	11/30/93	-	-	-	<0.6	-	-	-	<1.0	-	-	<1.0	-	-	1.5	<2.0	<2.5	-	U.S. Analytical
	05/05/94	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	U.S. Analytical
	12/22/94	-	-	-	<0.6	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<2.0	<1.5	<1.0	U.S. Analytical
	02/28/95	-	-	-	<0.26	<0.45	<0.49	<0.38	<0.32	<0.36	<0.46	<0.22	<0.41	<0.41	<0.69	<1.14	<0.9	<0.4	U.S. Analytical
	06/09/95	-	-	-	<0.6	-	-	-	<0.57	-	-	<1.2	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	03/13/96	-	-	-	<0.6	-	-	-	<0.57	-	-	<1.2	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	06/11/96	-	-	-	<0.7	-	-	-	<0.7	-	-	<0.5	-	-	<1	<1.9	<2	-	U.S. Analytical
Trip Blank	01/27/93	-	-	-	<0.6	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<2.0	<1.5	<1.0	U.S. Analytical
	08/30/93	-	-	-	<0.6	-	-	-	<1.0	-	-	<1.0	-	-	<1.0	<2.0	<2.5	-	U.S. Analytical
	11/30/93	-	-	-	<0.6	-	-	-	<1.0	-	-	<1.0	-	-	<1.0	<2.0	<2.5	-	U.S. Analytical
	12/22/94	-	-	-	<0.6	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<2.0	<1.5	<1.0	U.S. Analytical
	06/09/95	-	-	-	<0.6	-	-	-	<0.57	-	-	<1.2	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	03/13/96	-	-	-	<0.6	-	-	-	<0.57	-	-	<1.2	-	-	<1.0	<1.84	<2.5	-	U.S. Analytical
	06/11/96	-	-	-	<0.7	-	-	-	<0.7	-	-	<0.5	-	-	<1	<1.9	<2	-	U.S. Analytical
	07/28/98	-	-	-	<0.32	-	-	-	<0.34	-	-	<0.31	-	-	<0.35	<0.99	<1	-	U.S. Analytical
	01/19/99	-	-	-	<0.32	-	-	-	<0.34	-	-	<0.31	-	-	<0.35	<0.99	<1	-	U.S. Analytical
NR 140, Wis. Adm. Code ES		CNR	CNR	15	5.0	CNR	CNR	CNR	700	CNR	CNR	60	40	CNR	343	480	620	CNR	
NR 140, Wis. Adm. Code PAL		CNR	CNR	1.5	0.5	CNR	CNR	CNR	140	CNR	CNR	12	8.0	CNR	68.6	96	124	CNR	

NOTE:

µg/l = micrograms per liter
DRO = diesel range organics
GRO = gasoline range organics
MTBE = methyl-tertiary-butyl-ether
- = not analyzed
CNR =currently not regulated
<x = compound not detected to a detection limit of x
ND = compound not detected above laboratory reporting limits
* = duplicate sample
** = DRO quantification influenced by heavy gasoline fractions
*** = data collected from wells MW1 and MW6 on 09/13/96 are believed to have been interchanged

xxx = exceeds Chapter NR 140, Wisconsin Administrative Code (NR 140, Wis. Adm. Code) enforcement standard (ES)

xxx = exceeds NR 140, Wis. Adm. Code preventive action limit (PAL)

Northern Environmental℠
Hydrologists • Engineers • Geologists

Table 1 Water Table Elevation Measurements, Cedarburg Public Works Garage, Cedarburg, Wisconsin

Well ID	Top of Well Casing Elevation* (feet)	Date	Depth to Water Below Reference Point* (feet)	Water Table Elevation* (feet)
MW1	96.32	08/22/95	11.83	84.49
		12/20/95	10.55	85.77
		03/13/96	10.89	85.43
		06/11/96	9.15	87.17
		09/13/96	10.65	85.67
		12/13/96	13.64	82.68
		03/14/97	9.93	86.39
		07/28/98	10.66	85.66
		01/19/99	15.50	80.82
MW2	96.67	08/22/95	12.12	84.55
		12/20/95	11.17	85.50
		03/13/96	11.59	85.08
		06/11/96	9.70	86.97
		09/13/96	11.23	85.44
		12/13/96	13.95	82.72
		03/14/97	10.36	86.31
		01/19/99	15.95	80.72
MW3	95.27	08/22/95	10.04	85.23
		12/20/95	8.93	86.34
		03/13/96	9.38	85.89
		06/11/96	7.39	87.88
		09/13/96	9.08	86.19
		12/13/96	12.33	82.94
		03/14/97	8.15	87.12
		07/28/98	9.18	86.09
		01/19/99	12.36	82.91
MW4	98.77	08/22/95	15.10	83.67
		12/20/95	14.10	84.67
		03/13/96	14.48	84.29
		06/11/96	13.16	85.61
		09/13/96	14.30	84.47
		12/13/96	16.83	81.94
		07/28/98	14.25	84.52
		01/19/99	15.00	83.77
MW5	97.10	08/22/95	12.10	85.00
		12/20/95	11.86	85.24
		03/13/96	12.29	84.81
		06/11/96	10.44	86.66
		09/13/96	11.87	85.23
		12/13/96	14.89	82.21
		03/14/97	11.21	85.89
MW6	96.59	08/22/95	13.98	82.61
		12/20/95	12.54	84.05
		03/13/96	12.84	83.75
		06/11/96	11.24	85.35
		09/13/96	12.47	84.12
		12/13/96	14.82	81.77
		03/14/97	12.12	84.47
		07/28/98	12.62	83.97
		01/19/99	17.00	79.59
MW7	95.97	08/22/95	14.37	81.60
		12/20/95	12.87	83.10
		03/13/96	13.13	82.84
		06/11/96	11.48	84.49
		09/13/96	12.67	83.30
		12/13/96	14.78	81.19
		03/14/97	12.69	83.28
		07/28/98	13.04	82.93
		01/19/99	16.98	78.99
MW8	98.68	08/22/95	16.09	82.59
		12/20/95	15.54	83.14
		03/13/96	15.77	82.91
		06/11/96	14.03	84.65
		09/13/96	14.95	83.73
		12/13/96	16.91	81.77
		03/14/97	15.26	83.42
		07/28/98	15.38	83.30
		01/19/99	19.25	79.43
EW1	96.16	08/22/95	12.86	83.30
		12/20/95	11.83	84.33
		03/13/96	17.97	78.19
		06/11/96	10.60	85.56
		09/13/96	11.84	84.32
		12/13/96	14.30	81.86
		03/14/97	11.25	84.91
		01/19/99	16.25	79.91

Note:
* = Elevations referenced to a local site datum assigned an elevation of 100.00 feet