The following site is being submitted for inclusion into the GIS registry:

- For DNR County and Region list go to:
  g:\pf\pecfa\site\gis\BRRTS County and Region Codes.xls
- To begin, click on cell to the right of; *This is a:*
- Use Tab, ↓ or Pg Down to navigate form. Print & include with file when completed.

This is a:	New Submittal
BRRTS ID (no dashes):	**0341113066**
Comm # (no dashes):	53207379601
County:	Milwaukee
Region:	Southeast
Site name:	Thomas More High School
Street Address:	2601 E Morgan Ave
City:	Milwaukee
Final Closure Date	2002-03-05
Closure Conditions:	met
Off-source property contamination?	No
(If yes, attach locational data and deed information on pg. 2)	
Right-of-way contamination?	No
Contaminated media:	Groundwater

GPS Coordinates (meters in the **WTM91** projection)

Easting (X):	693170.000000000
Northing (Y):	280728.000000000
Collection Method:	
Scale or Resolution:	1:08,000
(1:24,000 scale or finer)	("**1:**" and comma is default)
Prepared by:	Cheryl Nelson
Submitted by:	Cheryl Nelson

Source Property Checklist

- ☒ Final Closure Letter
- ☒ Copy of the most recent deed, which includes legal description for all properties w/ GW > NR 140 ES
- ☐ Where the legal description in the deed(s) refers to a certified survey map or recorded plat map, include those documents
- ☐ Parcel ID for all properties w/ GW > NR 140 ES
- ☒ General Location Map
- ☒ Detailed Location Map showing property boundaries, buildings, MW(s) and/or potable wells etc for properties with GW >NR140 ES
- ☒ Latest Map(s) showing extent or outline of current GW plume (isoconcentrations)
- ☒ Map showing GW flow direction
- ☒ Latest Table of GW results
- ☒ Geologic cross section (if generated as part of the site investigation)
- ☐ Statement signed by RP certifying correctness of legal descriptions
- ☐ Updated Database

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
101 West Pleasant Street, Suite 100A
Milwaukee, Wisconsin 53212-3963
TDD #: (608) 264-8777
Fax #: (414) 220-5374
http://www.commerce.state.wi.us
http://www.wisconsin.gov
Scott McCallum, Governor
Philip Edw. Albert, Secretary

Wisconsin
Department of Commerce

March 5, 2002

Ms. Linda Gesbeck
Thomas Moore High School
2601 E Morgan Ave
Milwaukee, WI 53207

RE: **Final Closure**
Commerce # 53207-3796-01 WDNR BRRTS # 03-41-113066
Thomas More High School, 2601 E Morgan Ave, Milwaukee

1,000-gallon gasoline underground storage tank (UST) (ID # 295467) removed on July 28, 1997

Dear Ms. Gesbeck:

This letter acknowledges receipt of the information requested in the Wisconsin Department of Commerce (Commerce) PECFA Site Review Section's July 12, 2001 conditional closure letter. On February 27, 2002, Commerce received a copy of the recorded groundwater use restriction and the abandonment forms for monitoring wells MW-1 through MW-8, injection wells I-1 through I-12, and venting wells V-1 through V-10. Please note that Commerce is making no determination as to the accuracy of the legal description information. It is the owner's responsibility to ensure that the property location information is represented correctly. This case is now considered "closed," as described in Commerce's conditional closure letter.

It is in your best interest to keep all documentation related to the investigation and remediation of your site. This information may be needed for future property transactions.

If future site conditions indicate that any remaining contamination poses a threat, and subsequent information indicates a need to reopen this case, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility. If contamination is encountered, appropriate measures must be implemented to assure any residual contamination is managed following all applicable State of Wisconsin regulations and standards.

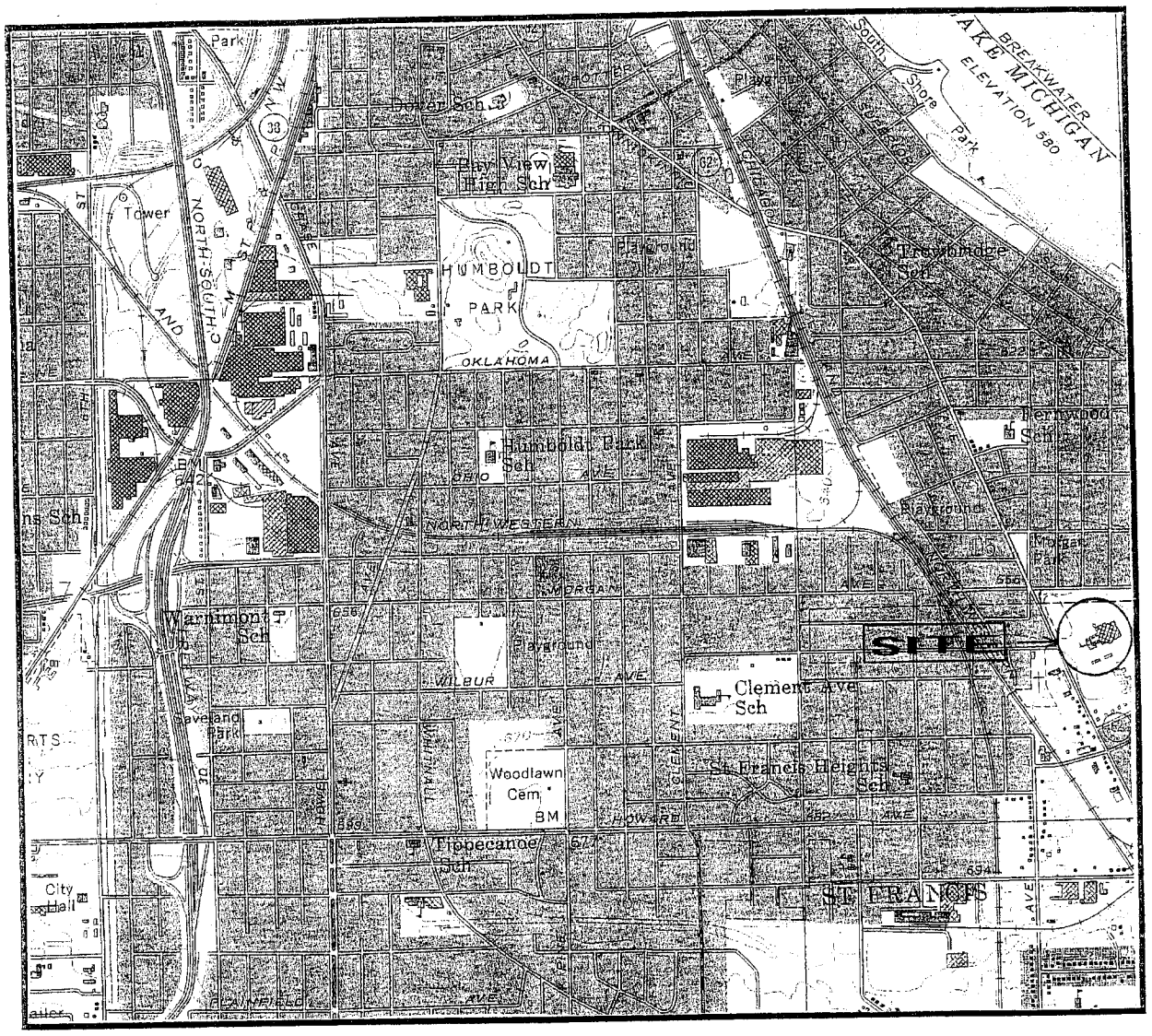
Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 220-5402.

Sincerely,

Stephen D. Mueller
Hydrogeologist
Site Review Section

cc: Mr. Jeffrey Larkin, Moraine Environmental, Inc.
Case File

ERS-5524-E (R. 4/98)



1 MILE 1/2 MILE 0 MILE 1 MILE

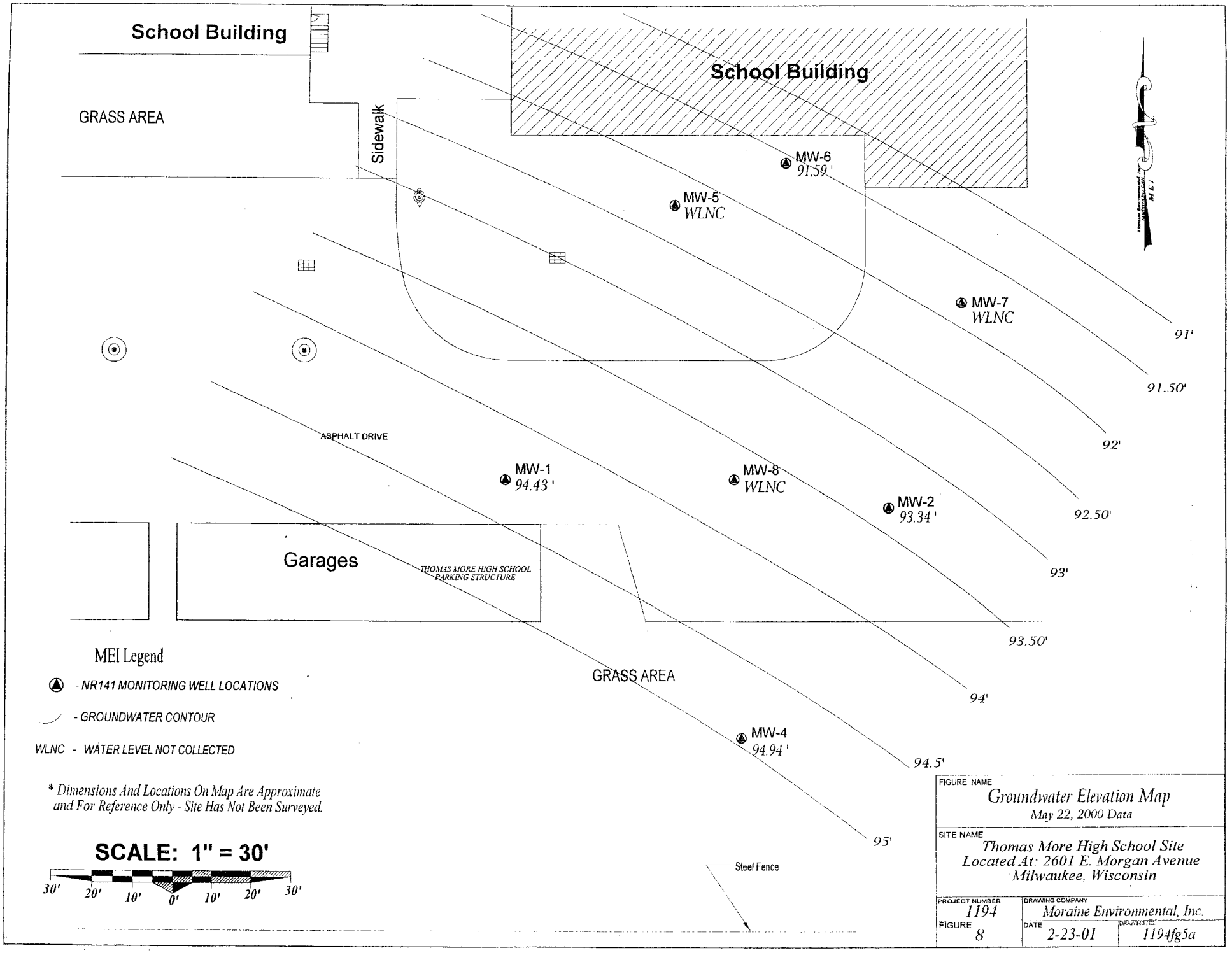
ADAPTED FROM USGS-GREENDALE, WIS.
NW/4 SOUTH MILWAUKEE 15' QUADRANGLE
(PHOTOREVISED 1971& 1976)

SITE LOCATION
SCALE 1:24,000

DRAWING TITLE
Site Location Map

PROJECT NAME
Thomas More High School Site
Located At: 2601 E. Morgan Avenue
Milwaukee County, Wisconsin

PROJECT NUMBER	DRAWING COMPANY	
0869i	*Moraine Environmental, Inc.*	
SCALE *1:24,000*	DATE *12-31-96*	*FIGURE 1*


School Building
School Building
GRASS AREA
Sidewalk
MW-6
91.59'
MW-5
WLNC
MW-7
WLNC
91'
91.50'
92'
92.50'
93'
93.50'
ASPHALT DRIVE
MW-1
94.43'
MW-8
WLNC
MW-2
93.34'
Garages
THOMAS MORE HIGH SCHOOL
PARKING STRUCTURE
GRASS AREA
94'
94.5'
MW-4
94.94'
95'
Steel Fence
MEI Legend
- NR141 MONITORING WELL LOCATIONS
- GROUNDWATER CONTOUR
WLNC - WATER LEVEL NOT COLLECTED
* Dimensions And Locations On Map Are Approximate and For Reference Only - Site Has Not Been Surveyed.
SCALE: 1" = 30'
30' 20' 10' 0' 10' 20' 30'
FIGURE NAME
Groundwater Elevation Map
May 22, 2000 Data
SITE NAME
Thomas More High School Site
Located At: 2601 E. Morgan Avenue
Milwaukee, Wisconsin
PROJECT NUMBER
1194
DRAWING COMPANY
Moraine Environmental, Inc.
FIGURE
8
DATE
2-23-01
DRAWING FILE
1194fg5a

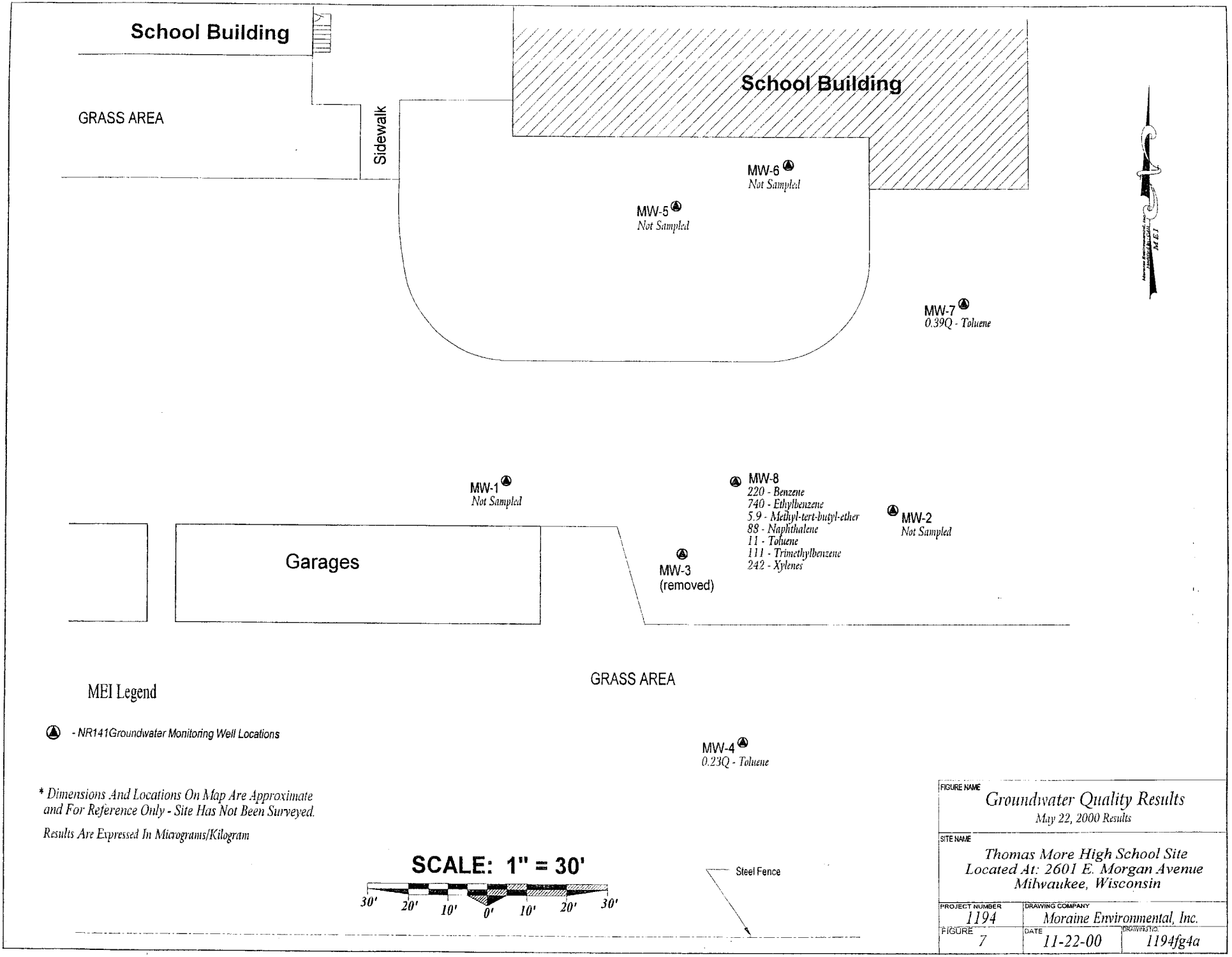

School Building
School Building
GRASS AREA
Sidewalk
MW-6
Not Sampled
MW-5
Not Sampled
MW-7
0.39Q - Toluene
MW-1
Not Sampled
MW-8
220 - Benzene
740 - Ethylbenzene
5.9 - Methyl-tert-butyl-ether
88 - Naphthalene
11 - Toluene
111 - Trimethylbenzene
242 - Xylenes
MW-2
Not Sampled
Garages
MW-3
(removed)
GRASS AREA
MEI Legend
- NR141Groundwater Monitoring Well Locations
MW-4
0.23Q - Toluene
* Dimensions And Locations On Map Are Approximate and For Reference Only - Site Has Not Been Surveyed.
Results Are Expressed In Micrograms/Kilogram
SCALE: 1" = 30'
30' 20' 10' 0' 10' 20' 30'
Steel Fence
FIGURE NAME
Groundwater Quality Results
May 22, 2000 Results
SITE NAME
Thomas More High School Site
Located At: 2601 E. Morgan Avenue
Milwaukee, Wisconsin
PROJECT NUMBER
1194
DRAWING COMPANY
Moraine Environmental, Inc.
FIGURE
7
DATE
11-22-00
DRAWING NO.
1194fg4a

TABLE 2 (Page 2 of 2)
THOMAS MORE HIGH SCHOOL
DETECTABLE GROUNDWATER QUALITY RESULTS

Well Name	MW-5							MW-6											MW-7											MW-8											ES	PAL
Sampling Date	7/14/97	10-31-97	1/19/98	4/14/98	1-25-99	1-20-00	5-22-00	7/14/97	10-31-97	1/19/98	4/14/98*	7-13-97	10-28-98	1-25-99	4-5-99	7-10-99	10-11-99	1-20-00	5-22-00	7/14/97	10-31-97	1/19/98	4/14/98*	7-13-98	10-28-98	1-25-99	10-11-99	1-20-00	5-22-00	9/30/97	0-31-97	1/19/98	4/14/98*	7-13-98	10-28-98	1-25-99	4-5-99	7-10-99	10-11-99	1-20-00	5-22-00		
Gasoline Range Organics	<50	<50	NA	<50	NA	NS	NS	<50	<50	NA	<50	NA	<50	NA	NA	<0.26	NA	<50	NA	<50	<50	NA	<50	NA	<50	NS	NA	<50	NA	15000	NS	NA	11900	5700	1900	2800	NA	6600	2200	4200	NA	NSE	NSE
Soluble Lead	NA	NA	NA	NA	NA	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NSE	NSE
Benzene	<0.16	<0.16	<0.16	<0.27	<0.26	NS	NS	<0.16	<0.16	<0.16	<0.27	<0.27	<0.26	<0.26	<0.26	NA	<0.26	<0.26	<0.26	<0.16	<0.16	<0.16	<0.27	<0.27	<0.26	NS	<0.26	<0.26	<0.26	1700	NS	850	1000	620	470	770	930	810	530	300	210	5	0.5
n-Butylbenzene	NA	NA	NA	<0.29	NA	NS	NS	NA	NA	NA	<0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.29	NA	NA	NS	NA	NA	NA	39	NS	NA	42	NA	NA	NA	NA	NA	NA	NA	NA	NSE	NSE
sec-Butylbenzene	NA	NA	NA	<0.29	NA	NS	NS	NA	NA	NA	<0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.29	NA	NA	NS	NA	NA	NA	9.5Q	NS	NA	9.1	NA	NA	NA	NA	NA	NA	NA	NA	NSE	NSE
1,2-Dichloroethane	NA	NA	NA	<0.37	NA	NS	NS	NA	NA	NA	0.73q	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.37	NA	NA	NS	NA	NA	NA	<6.0	NS	NA	<3.7	NA	NA	NA	NA	NA	NA	NA	NA	5	0.5
Ethylbenzene	<0.29	<0.29	<0.29	<0.32	<0.24	NS	NS	<0.29	<0.29	<0.29	<0.32	<0.32	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.29	<0.29	<0.29	<0.32	<0.32	<0.24	NS	<0.24	<0.24	<0.24	1800	NS	1400	1300	700	230	290	750	1200	340	790	540	700	140
Isopropylbenzene	NA	NA	NA	<0.26	NA	NS	NS	NA	NA	NA	<0.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.26	NA	NA	NS	NA	NA	NA	69	NS	NA	40	NA	NA	NA	NA	NA	NA	NA	NA	NSE	NSE
p-Isopropyltoluene	NA	NA	NA	<0.24	NA	NS	NS	NA	NA	NA	<0.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.24	NA	NA	NS	NA	NA	NA	5.8Q	NS	NA	5.7	NA	NA	NA	NA	NA	NA	NA	NA	NSE	NSE
Methylene Chloride	NA	NA	NA	<0.36	NA	NS	NS	NA	NA	NA	<0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.36	NA	NA	NS	NA	NA	NA	<5.5	NS	NA	6.2	NA	NA	NA	NA	NA	NA	NA	NA	5	0.5
Methyl-Tert-Butyl-Ether	0.85	1.1	0.73	0.21	0.97	NS	NS	11	1.6	1.8	15	10	1.8	<0.22	0.68	2.9	1.1	0.26	<0.25 q	18	2.5	<0.20	<0.32	<0.32	<0.22	NS	0.49	<0.22	<0.22	85	NS	46	49	32	20	18	25	19	21	26	5.9	60	12
Naphthalene	NA	NA	NA	<0.35	NA	NS	NS	NA	NA	NA	<0.35	NA	NA	NA	NA	NA	NA	NA	<0.89	NA	NA	NA	<0.35	NA	NA	NS	NA	NA	<0.89	390	NS	NA	150	NA	NA	NA	92	NA	NA	NA	88	40	8
n-Propylbenzene	NA	NA	NA	<0.76	NA	NS	NS	NA	NA	NA	<0.76	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.76	NA	NA	NS	NA	NA	NA	180	NS	NA	110	NA	NA	NA	NA	NA	NA	NA	NA	NSE	NSE
Toluene	<0.36	<0.36	<0.36	0.31	0.33	NS	NS	<0.36	<0.36	<0.36	<0.27	<0.27	0.39	0.34	0.34	0.28	<0.21	0.26	<0.21	<0.36	<0.36	<0.36	0.31	<0.27	0.22	NS	0.53	0.34	<0.39	170	NS	130	83	16	7.0	13	10	7.1	4.1	5.3	11	1,000	200
Trimethylbenzene, combined	<0.34	<0.34	<0.34	<0.27	<0.86	NS	NS	<0.34	<0.34	<0.34	<0.27	<0.27	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.34	<0.34	<0.34	<0.27	<0.27	<0.86	NS	<0.86	<0.86	<0.86	1910	NS	1950	950	426	6.0	73	100.4	395	15	382	111	480	96
Xylene, Total	<0.94	<0.94	<0.94	<0.43	<0.97	NS	NS	<0.94	<0.94	<0.94	<0.43	<0.43	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.94	<0.94	<0.94	<0.43	<0.43	<0.97	NS	<0.97	<0.97	<0.97	4060	NS	3160	1710	599	28	72.4	292	658	15.6	235	244	10,000	1,000

KEY:

NA - Not Analyzed

NSE - No Standard Established

All results reported in ug/l (equivalent to parts per billion)

*-An initial post-Hydrogen Peroxide Injection laboratory analysis of VOC's was required as a condition of the WPDES permit.

Q - Results are qualified due to the uncertainty of the parameter concentration between the Limit of Detection and the Limit of Quantitation.

Bold - Exceeds PAL (Preventive Action Limit)

Bold and Shaded - Exceeds ES (Enforcement Standard)

NS - No Sample

TABLE 2 (Page 1 of 2)
THOMAS MORE HIGH SCHOOL
DETECTABLE GROUNDWATER QUALITY RESULTS

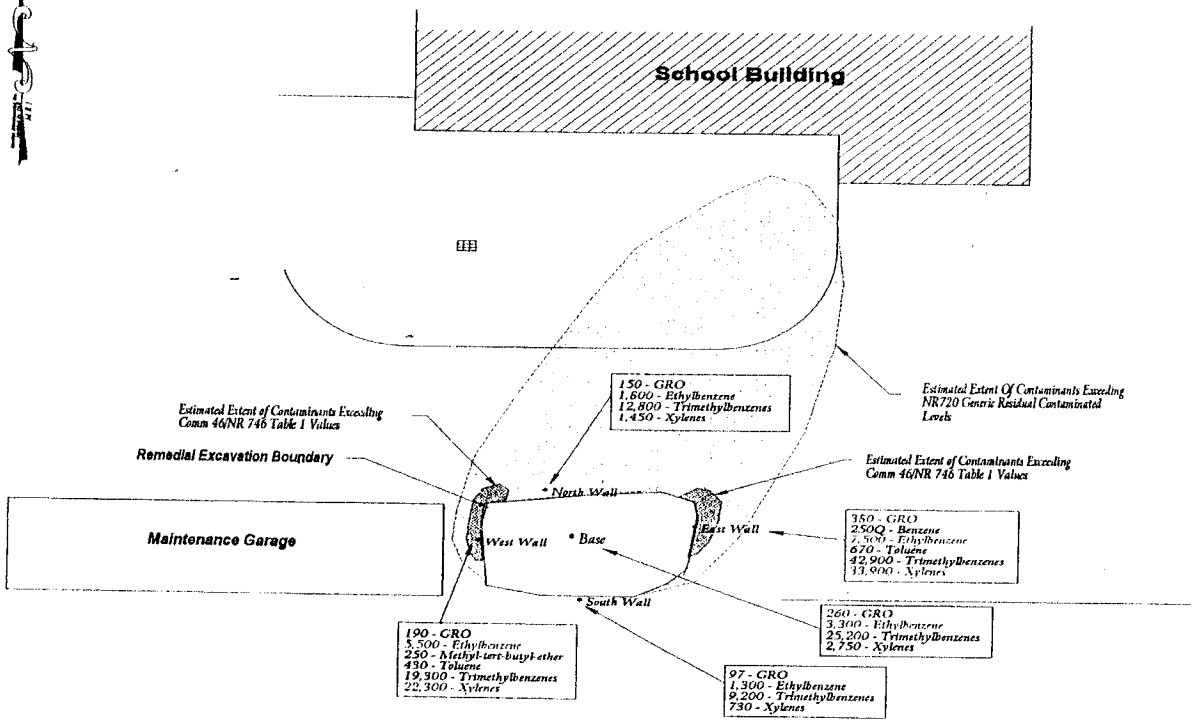
Well Name	MW-1												MW-2												MW-3	MW-4											ES	PAL
Sampling Date	4/11/97	10-31-97	1/19/98	4/14-98*	7-13-98	10-28-98	1-25-99	4-5-99	7-10-99	10-11-99	1-20-00	5-22-00	4/11/97	10-31-97	1/19/98	4/14/98*	7-13-98	10-28-98	1-25-99	4-5-99	7-10-99	10-11-99	1-20-00	5-22-00	4/11/97	4/11/97	10-31-97	1/19/98	4/14/98*	7-13-98	10-28-98	1-25-99	4-5-99	7-10-99	10-11-99	1-20-00	5-22-00		
Gasoline Range Organics	<50	<50	NA	<50	NA	<50	NA	NA	NA	NA	<50	NS	<50	<50	NA	<50	NA	<50	NA	NA	NA	NA	<50	NS	42,000	90	<50	NA	<50	<50	<50	NA	NA	<50	NA	<50	NA	NSE	NSE
Soluble Lead	<1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	<1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	<1.5	<1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15	1.5
Benzene	<0.40	<0.16	<0.16	<0.27	<0.27	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	NS	<0.40	<0.16	<0.16	<0.27	<0.27	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	NS	4,700	<0.40	<0.16	<0.16	<0.27	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	5	0.5
n-Butylbenzene	<0.30	NA	NA	<0.29	NA	NA	NA	NA	NA	NA	NA	NS	<0.30	NA	NA	<0.29	NA	NA	NA	NA	NA	NA	NA	NS	<30	<0.30	NA	NA	<0.29	NA	NA	NA	NA	NA	NA	NA	NA	NSE	NSE
sec-Butylbenzene	<0.20	NA	NA	<0.29	NA	NA	NA	NA	NA	NA	NA	NS	0.20Q	NA	NA	<0.29	NA	NA	NA	NA	NA	NA	NA	NS	<20	0.40Q	NA	NA	<0.29	NA	NA	NA	NA	NA	NA	NA	NA	NSE	NSE
1,2-Dichloroethane	<0.20	NA	NA	<0.37	NA	NA	NA	NA	NA	NA	NA	NS	<0.20	NA	NA	<0.37	NA	NA	NA	NA	NA	NA	NA	NS	21	<0.20	NA	NA	<0.37	NA	NA	NA	NA	NA	NA	NA	NA	5	0.5
Ethylbenzene	0.60Q	<0.29	<0.29	<0.32	<0.32	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	NS	1.0	<0.29	<0.29	<0.32	<0.32	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	NS	2,500	1.5	<0.29	<0.29	<0.32	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	700	140
Isopropylbenzene	<0.30	NA	NA	<0.26	NA	NA	NA	NA	NA	NA	NA	NS	<0.30	NA	NA	<0.26	NA	NA	NA	NA	NA	NA	NA	NS	51Q	0.3Q	NA	NA	<0.26	NA	NA	NA	NA	NA	NA	NA	NA	NSE	NSE
p-Isopropyltoluene	<0.30	NA	NA	<0.24	NA	NA	NA	NA	NA	NA	NA	NS	<0.30	NA	NA	<0.24	NA	NA	NA	NA	NA	NA	NA	NS	<20	1.7	NA	NA	<0.24	NA	NA	NA	NA	NA	NA	NA	NA	NSE	NSE
Methylene Chloride	<0.20	NA	NA	<0.36	NA	NA	NA	NA	NA	NA	NA	NS	<0.20	NA	NA	<0.36	NA	NA	NA	NA	NA	NA	NA	NS	<20	<0.20	NA	NA	<0.36	NA	NA	NA	NA	NA	NA	NA	NA	5	0.5
Methyl-Tert-Butyl-Ether	0.60Q	0.85	0.30Q	0.55	0.41Q	0.26	<0.22	<0.22	<0.22	<0.22	<0.22	NS	<0.50	<0.20	<0.20	<0.32	<0.32	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	NS	1,300	<0.50	<0.20	<0.20	<0.32	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	60	12
Naphthalene	<0.70	NA	NA	<0.35	NA	NA	NA	NA	NA	NA	NA	NS	<0.70	NA	NA	<0.35	NA	NA	NA	NA	NA	NA	NA	NS	750	<0.70	NA	NA	<0.35	NA	NA	NA	NA	NA	NA	NA	<0.89	40	8
n-Propylbenzene	<0.30	NA	NA	<0.76	NA	NA	NA	NA	NA	NA	NA	NS	0.50Q	NA	NA	<0.76	NA	NA	NA	NA	NA	NA	NA	NS	57Q	0.9Q	NA	NA	<0.76	NA	NA	NA	NA	NA	NA	NA	NA	NSE	NSE
Toluene	1.2	<0.36	<0.36	<0.27	<0.27	0.25	<0.21	0.31	<0.21	0.22	<0.21	NS	0.70Q	<0.36	<0.36	<0.27	0.27Q	0.31	0.31	<0.21	<0.21	0.24	<0.21	NS	11,000	1.3	<0.36	<0.36	<0.27	<0.21	0.24	0.23	<0.21	<0.21	0.43	0.24	0.23 Q	1000	200
Trimethylbenzene, combined	3.0	<0.34	<0.34	<0.27	<0.27	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	NS	4.9	<0.34	<0.34	<0.27	<0.27	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	NS	1,370	5.1Q	<0.34	<0.34	<0.27	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	NSE	NSE
Xylene, Total	3.8	<0.94	<0.94	<0.43	<0.43	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	NS	4.7	<0.94	<0.94	<0.43	<0.43	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	NS	10,000	3.5Q	<0.94	<0.94	<0.43	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	10000	1,000

KEY:

NA - Not Analyzed
NSE - No Standard Established
All results reported in ug/l (equivalent to parts per billion)
*-An initial post-Hydrogen Peroxide Injection laboratory analysis of VOC's was required as a condition of the WPDES permit.
Q - Results are qualified due to the uncertainty of the parameter concentration between the Limit of Detection and the Limit of Quantitation.

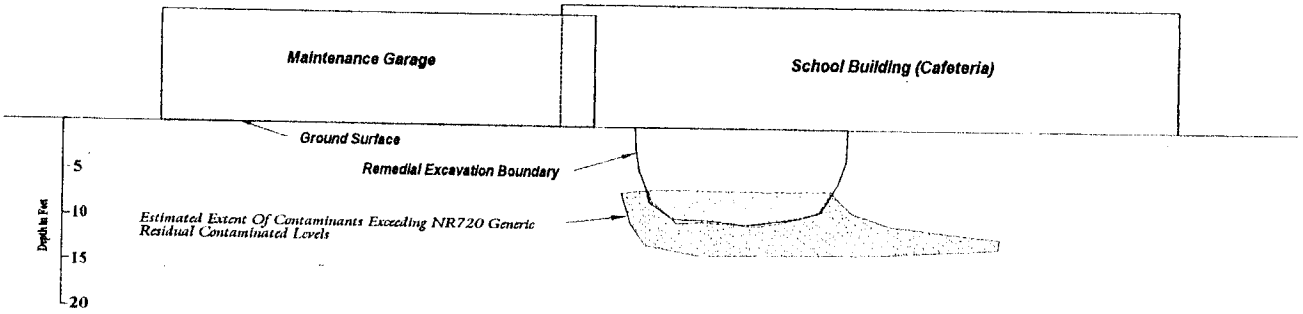
Bold - Exceeds PAL (Preventive Action Limit)
Bold and Shaded - Exceeds ES (Enforcement Standard)
NS - No Sample

Plan View



Other Than GRO (Expressed In Milligrams/Kilogram), All Results Are Expressed In Micrograms/Kilogram.

Cross Sectional View



Estimated Extent Of Contaminants Exceeding NR720 Generic Residual Contaminated Levels

Approximate Scale 1" = 40'

40' 30' 20' 10' 0' 10' 20' 30' 40'

Site Features Are Approximate. Site Has Not Been Surveyed.

DRAWING TITLE			
Estimated Contaminant Plume Extent Map			
SITE LOCATION			
Thomas More High School *2601 East Morgan Avenue* *Milwaukee, WI*			
PROJECT NUMBER	DATE OF DRAWING	DRAWING NAME	FIGURE NUMBER
1194	4-13-01	1194fg3e	3