commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
375 City Center, Suite I
Oshkosh, Wisconsin 54901-1805
TTY: Contact Through Relay
Fax: (920) 424-0217
Jim Doyle, Governor
Richard J. Leinenkugel, Secretary

July 20, 2009

Mr. Thomas Teckman
PO Box 9
Goodman, WI 54125-0009

RE: **Final Closure**

Commerce # 54125-9999-10-A DNR BRRTS # 03-38-443242
American Graphics, Inc. (Former), 610 Main Street, Goodman

Dear Mr. Teckman:

The Wisconsin Department of Commerce (Commerce) has reviewed the file for the site referenced above. Commerce has determined that this site does not pose a significant threat to human health or the environment. This case is now listed as "closed" on the Commerce database. No further investigation or remedial action is necessary.

It is in your best interest to keep all documentation related to the environmental activities at your site. If residual petroleum contamination is encountered in the future, it must be managed in accordance with all applicable state and federal regulations. If it is determined that any remaining petroleum contamination poses a threat, the case may be reopened and further investigation or remediation may be required.

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 (920) 303-5410.

Sincerely,

Beth A. Erdman

Beth A. Erdman
Senior Hydrogeologist
Site Review Section

Enclosure: Commerce Memorandum

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MEMORANDUM

DATE: July 16, 2009

TO: File

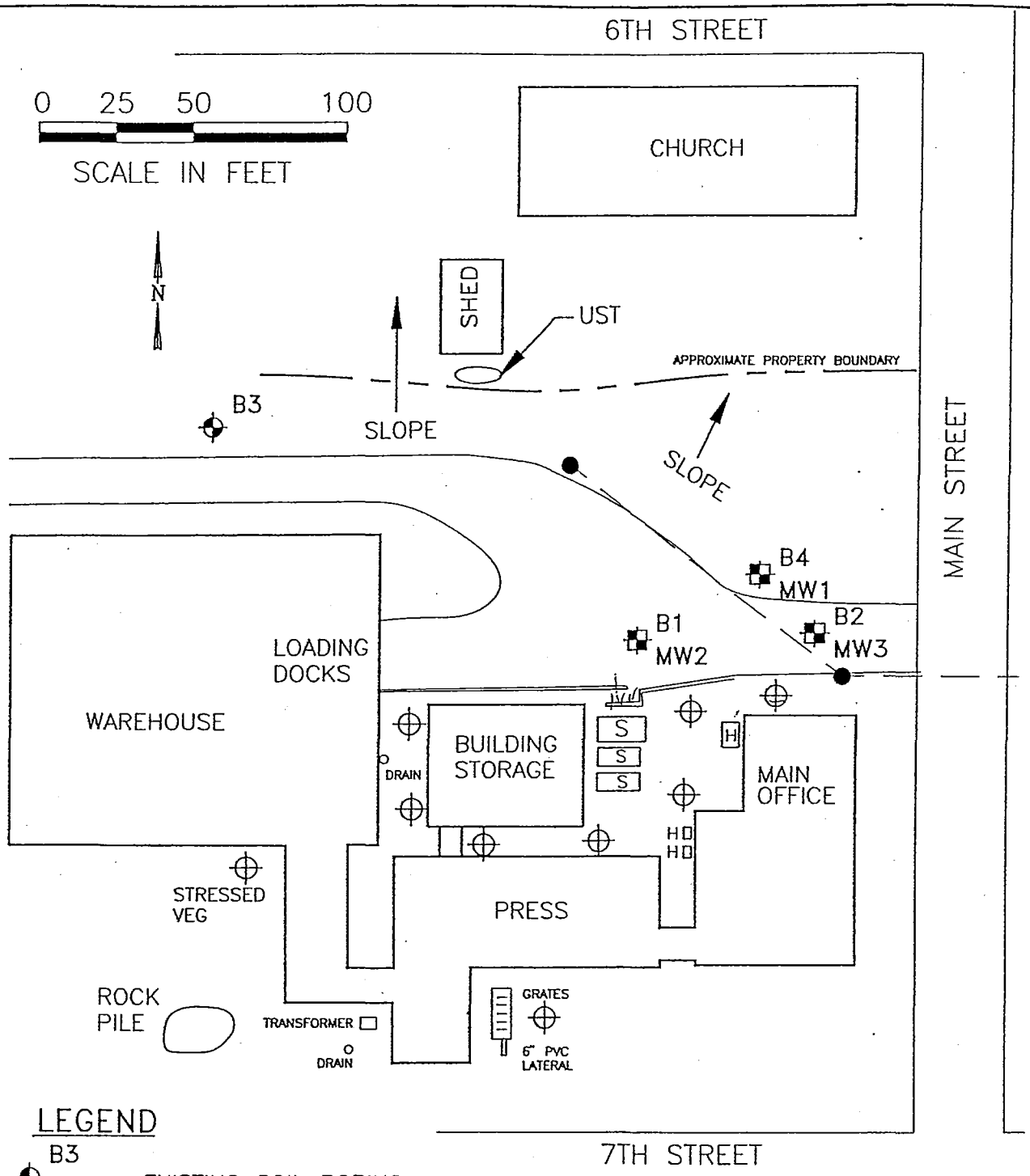
FROM: Beth Erdman, Site Review Section

SUBJECT: **Commerce # 54125-9999-10-A** DNR BRRTS # 03-38-443242
American Graphics Inc (Former), 610 Main Street, Goodman

This site was transferred to Commerce on December 18, 2008. Commerce reviewed the file and found the following:

- The Commerce and BRRTS numbers are for a fuel oil underground storage tank (UST).
- During the removal of the fuel oil UST, 2.5 cubic yards of soil was removed and stockpiled onsite.
- The soil sample collected from the soil pile contained soil contaminant concentrations exceeding NR 720 residual contaminant levels (RCLs).
- The soil samples collected from push probes directly surrounding the former fuel oil UST did not contain diesel range organic compounds (DRO) exceeding NR 720 RCLs.
- Soil samples were also collected and analyzed for polycyclic aromatic hydrocarbons (PAHs). However, the laboratory detection limits were too high to accurately determine whether concentrations exceeded groundwater or direct contact pathways.
- A separate Brownsfield cleanup was conducted at the site to address the contamination from three solvent USTs removed from the site.
- The fuel oil tank was located within the solvent plume.
- Many monitoring wells and piezometers were installed as part of the solvent cleanup.
- Monitoring wells MW-1 through MW-3, MW-105 and piezometers PZ-101 and 102 were located around the former fuel oil UST.
- None of the groundwater samples collected from the above wells contained petroleum analytes exceeding the laboratory limits of detection.
- On July 16, 2009 Commerce visited the property and determined no excavated soil remains.

Based on the above, Commerce believes that site closure is warranted with regard to the former fuel oil UST.



LEGEND

B3	EXISTING SOIL BORING
B1 MW2	EXISTING MONITORING WELL
	PROPOSED HYDRAULIC PROBE
S	SOLVENT TANKS
H	HEATING FUEL TANKS
— —	OVERHEAD UTILITIES

SOURCE NOTE:
THIS DRAWING WAS DEVELOPED FROM MAP BY REMEDIAL ENGINEERING, INC. DATED 1/10/94, PROJECT NO #0188R.

Natural Resource Technology
N R T

SITE PLAN

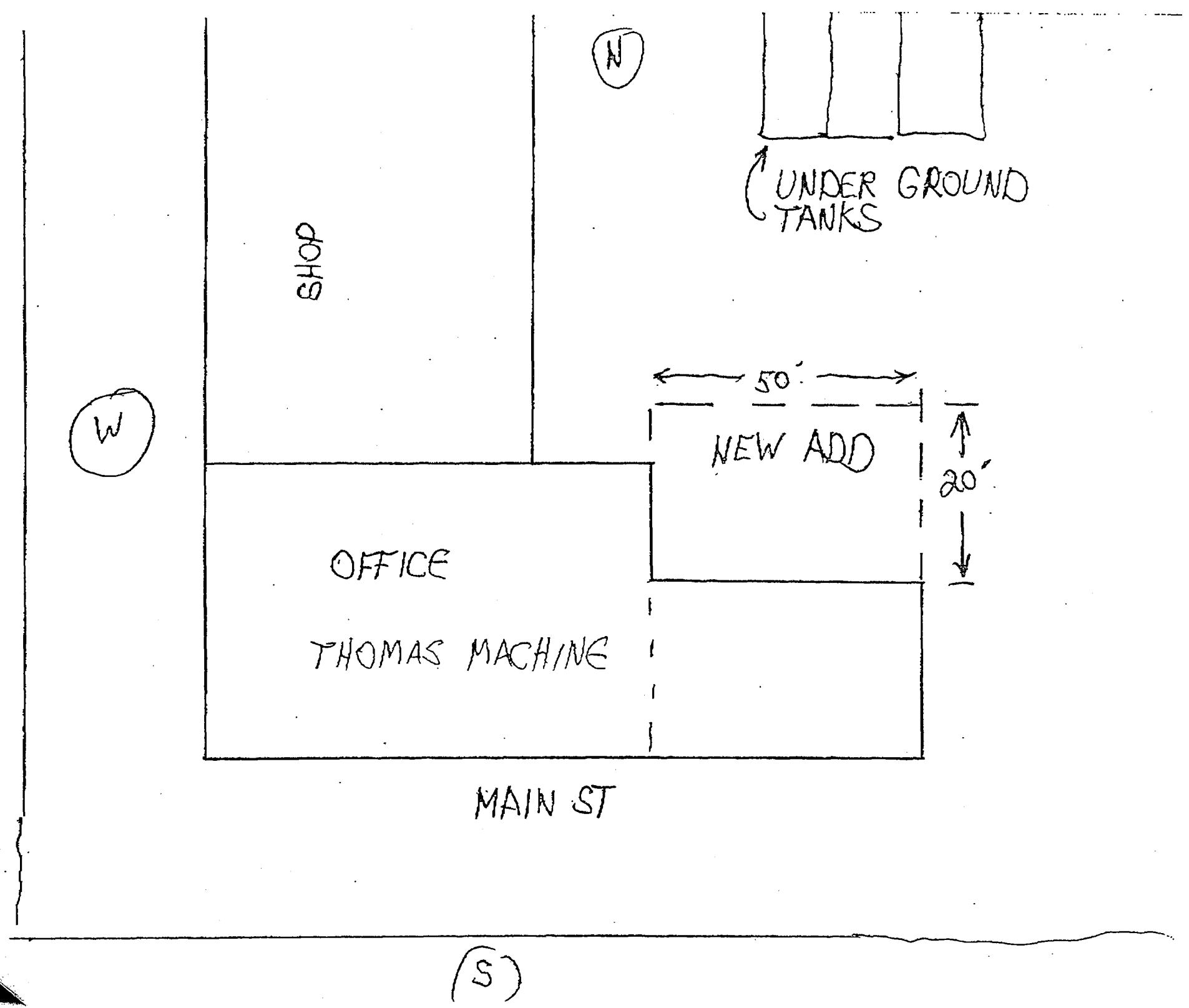
AMERICAN GRAPHICS, INC.
610 MAIN STREET
GOODMAN, WISCONSIN

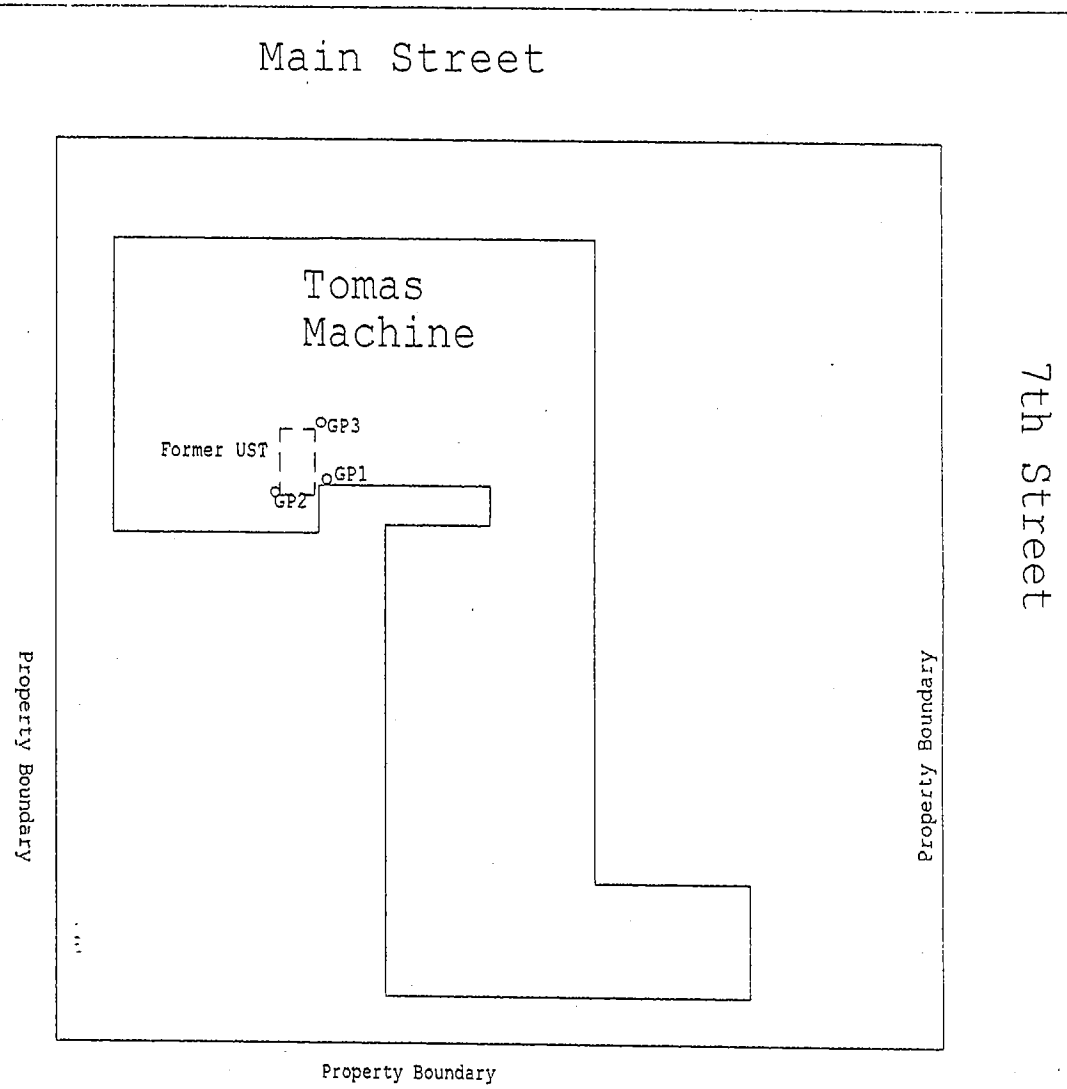
PROJECT NO. 89510

DRAWING NO. 89510-A1

FIGURE NO. 2

DRAWN BY: TAS APPROVED BY: TEM DATE: 9/15/95





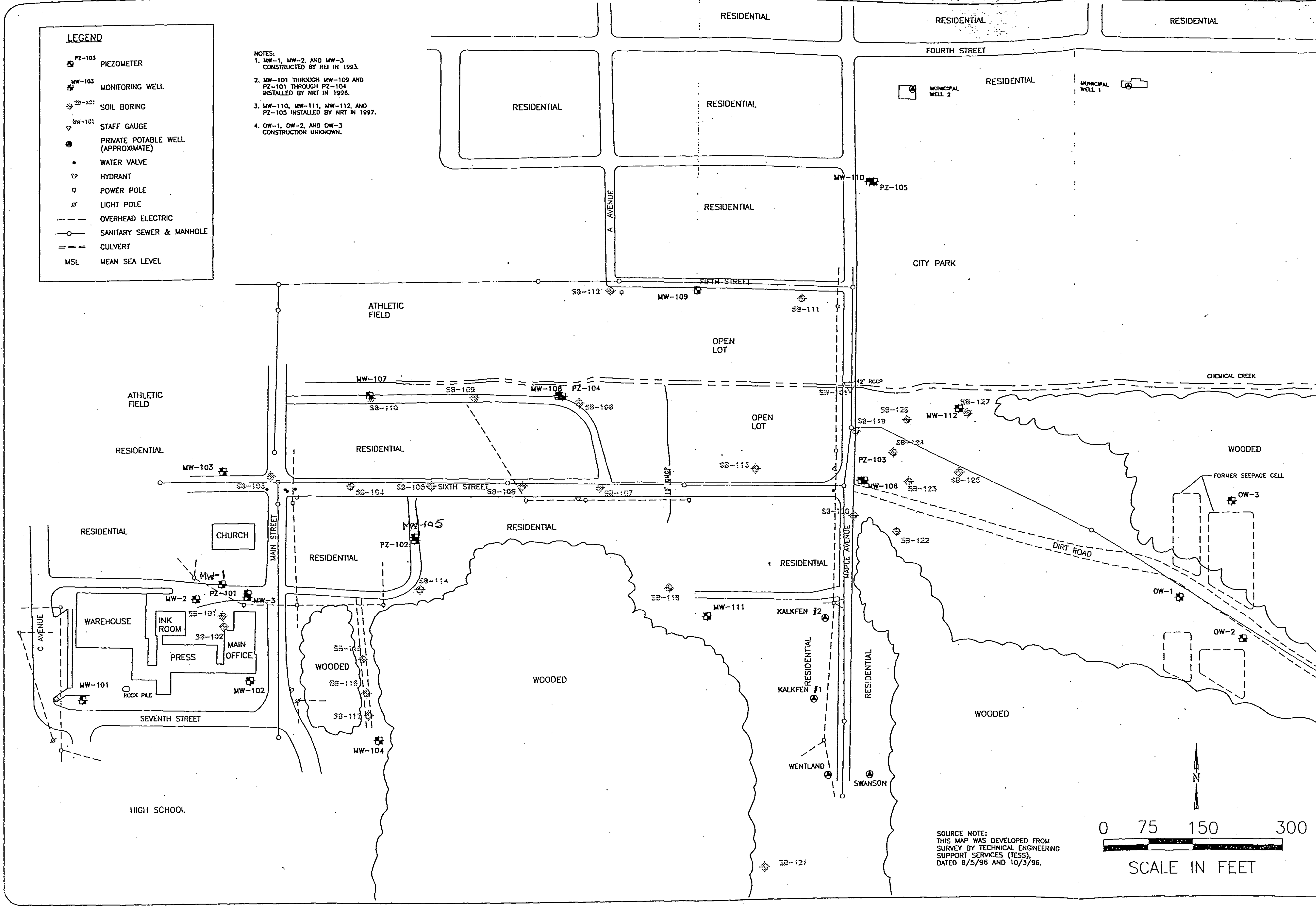
Environmental
Assessments, Inc.
P.O. Box 9127
Appleton, WI 54911
(920)749-9746

Title:
Site Map Showing
Sampling Locations

Figure #1

Scale: 1" = 40'

Drawn By: VAF



LEGEND
PZ-103 PIEZOMETER
MW-103 MONITORING WELL
SOIL BORING
STAFF GAUGE
PRIVATE POTABLE WELL (APPROXIMATE)
WATER VALVE
HYDRANT
POWER POLE
LIGHT POLE
OVERHEAD ELECTRIC
SANITARY SEWER & MANHOLE
CULVERT
MSL MEAN SEA LEVEL
NOTES:
1. MW-1, MW-2, AND MW-3 CONSTRUCTED BY REI IN 1993.
2. MW-101 THROUGH MW-109 AND PZ-101 THROUGH PZ-104 INSTALLED BY NRT IN 1996.
3. MW-110, MW-111, MW-112, AND PZ-105 INSTALLED BY NRT IN 1997.
4. OW-1, OW-2, AND OW-3 CONSTRUCTION UNKNOWN.
RESIDENTIAL
FOURTH STREET
MUNICIPAL WELL 2
MUNICIPAL WELL 1
A AVENUE
MW-110
PZ-105
CITY PARK
FIFTH STREET
SB-112
MW-109
SB-111
ATHLETIC FIELD
OPEN LOT
MW-107
SB-109
MW-108
PZ-104
SB-110
SB-108
42" RCCP
CHEMICAL CREEK
SW-101
SB-126
SB-127
MW-112
SB-119
SB-124
PZ-103
SB-125
MW-106
SB-123
WOODED
FORMER SEEPAGE CELL
OW-3
MW-103
SB-103
SB-104
SB-105
SIXTH STREET
SB-106
SB-107
SB-115
SB-120
SB-122
DIRT ROAD
CHURCH
MAIN STREET
MW-105
PZ-102
MAPLE AVENUE
MW-1
MW-2
PZ-101
MW-3
SB-114
SB-118
MW-111
KALKFEN #2
OW-1
OW-2
WAREHOUSE
INK ROOM
SB-101
SB-102
PRESS
MAIN OFFICE
C AVENUE
MW-101
ROCK PILE
MW-102
SB-116
SB-117
KALKFEN #1
SEVENTH STREET
MW-104
WENTLAND
SWANSON
HIGH SCHOOL
SB-121
SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM SURVEY BY TECHNICAL ENGINEERING SUPPORT SERVICES (TESS), DATED 8/5/96 AND 10/3/96.
N
0 75 150 300
SCALE IN FEET

DRAWN BY: TAS DATE: 12/16/97

CHECKED BY: BJK DATE: 02/03/98

APPROVED BY: TEM DATE: 2-3-98

INVESTIGATION AREA LAYOUT

ADDITIONAL SITE INVESTIGATION
FORMER AMERICAN GRAPHICS, INC. FACILITY
610 MAIN STREET

Natural Resource Technolog

PROJECT NO 1135/7

DRAWING NO 1135-B21

FIGURE NO. 1

Table 1 - Soil Analytical Results

Soil Sample Location	GP1	GP2	GP3	Soil Pile	RCLs
Date	10/1/2001	10/1/2001	10/1/2001	10/1/2001	
Depth	6'-8'	4'-6'	6'-8'	NA	
DRO (mg/kg)	<10	<10	37	**1400**	250
PAH(s) (ug/kg)					
Acenaphthene	<13	<13	<13	<13	
Acenaphthylene	<10	<10	<10	<10	
Anthracene	<11	<11	<11	680	
Benzo(a)anthracene	<10	<10	<10	44	
Benzo(a)pyrene	<17	<17	<17	<17	
Benzo(b)flouranthene	<24	<24	<24	<24	
Benzo(g,h,i)perylene	<10	<10	<10	<10	
Benzo(k)flouranthene	<37	<37	<37	<37	
Chrysene	<10	<10	<10	87	
Dibenzo(a,h)anthracene	<10	<10	<10	<10	
Flouranthene	<10	<10	<10	120	
Flourene	<11	<11	<11	690	
Indeno(1,2,3-cd)pyrene	<13	<13	<13	<13	
1-Methyl naphthalene	<10	<10	<10	530	
2-Methyl naphthalene	<17	<17	<17	<17	
Naphthalene	<10	<10	<10	<10	
Phenanthrene	<12	<12	13 J	1400	
Pyrene	<13	<13	<13	1200	

J - Analyte detected between LOD and LOQ

Greater than Residual Contaminant Levels (RCLs)

Table 2 - Groundwater Monitoring Analytical Results

Well	MW-1	MW-2	MW-3	MW-105	PZ-101	PZ-102	MUN-1	MUN-2		
Date	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008		
PVOC(s), Naphthalene and Detected VOC(s) (ug/L)									PAL	ES
Benzene	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	0.5	5
Chloromethane	<0.30	**0.35**	**0.53**	**1.8**	**0.81**	**1.9**	**0.7**	**1.9**	0.3	3
1,1-Dichloroethene	<0.40	<0.40	<0.40	0.77	<0.40	<0.40	<0.40	<0.40	NA	NA
Ethylbenzene	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	140	700
Naphthalene	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	10	100
Toluene	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	200	1000
1,1,1-Trichloroethane	13	2.7	28	**58**	<0.50	<0.60	<0.60	<0.60	40	200
1,2,4-Trimethylbenzene	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	0.54	96	480
1,3,5-Trimethylbenzene	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19		
Xylenes	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1000	10000

Concentrations greater than the Preventative Action Limit (PAL)

Concentrations greater than the Enforcment Standards