

GIS REGISTRY INFORMATION

SITE NAME:	Total Petroleum #2424		
BRRTS #:	03-41-002733	FID #	
		(if appropriate):	
COMMERCE #:	53210-1144-10-A		
CLOSURE DATE:	October 8, 2007		
STREET ADDRESS:	7110 W Lisbon Ave		
CITY:	Milwaukee		
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	X =	682772	Y = 291103
CONTAMINATED MEDIA:	Groundwater	<input type="checkbox"/>	Soil <input type="checkbox"/> Both <input checked="" type="checkbox"/>
OFF-SOURCE GW CONTAMINATION >ES:	Yes	<input type="checkbox"/>	No <input type="checkbox"/>
• IF YES, STREET ADDRESS:			
• GPS COORDINATES (meters in WTM91 projection):	X =		Y =
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):	Yes	<input type="checkbox"/>	No <input type="checkbox"/>
• IF YES, STREET ADDRESS 1:			
• GPS COORDINATES (meters in WTM91 projection):	X =		Y =
CONTAMINATION IN RIGHT OF WAY:	Yes	<input checked="" type="checkbox"/>	No <input type="checkbox"/>
<u>DOCUMENTS NEEDED</u>			
Closure Letter, and any conditional closure letter issued or denial letter issued			<input checked="" type="checkbox"/>
Copy of any maintenance plan referenced in the final closure letter			<input checked="" type="checkbox"/>
Copy of (soil or land use) deed notice <i>if any required as a condition of closure</i>			<input checked="" type="checkbox"/>
Copy of most recent deed, including legal description, for all affected properties			<input checked="" type="checkbox"/>
Certified survey map or relevant portion of the recorded plat map <i>(if referenced in the legal description)</i> for all affected properties			<input checked="" type="checkbox"/>
County Parcel ID number, <i>if used for county</i> , for all affected properties			<input checked="" type="checkbox"/>
Location Map that outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily. If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.			<input checked="" type="checkbox"/>
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.			<input checked="" type="checkbox"/>
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)			<input checked="" type="checkbox"/>
Tables of Latest Soil Analytical Results (no shading or cross-hatching)			<input checked="" type="checkbox"/>
Isoconcentration map(s), <i>if required for site investigation (SI)</i> . The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map.			<input checked="" type="checkbox"/>
GW: Table of water level elevations, with sampling dates, and free product noted if present			<input checked="" type="checkbox"/>
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)			<input checked="" type="checkbox"/>
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour			<input type="checkbox"/>
Geologic cross-sections, <i>if required for SI</i>			<input checked="" type="checkbox"/>
RP certified statement that legal descriptions are complete and accurate			<input checked="" type="checkbox"/>
Copies of off-source notification letters (if applicable)			<input type="checkbox"/>
Letter informing ROW owner of residual contamination (if applicable) (public, highway or railroad ROW)			<input checked="" type="checkbox"/>



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
9316 North 107th Street
Milwaukee, Wisconsin 53224-1121
TDD #: (608) 264-8777
Fax #: (414) 357-4700
Jim Doyle, Governor
Mary P. Burke, Secretary

October 8, 2007

Mr. Fahim Beg
803 East Fox Lane
Fox Point, WI 53217

RE: **Final Closure with Land Use Limitation**

Commerce # 53210-1144-10-A DNR BRRTS # 03-41-002733
Total Petroleum #2424, 7110 West Lisbon Avenue, Milwaukee

Dear Mr. Beg:

The Wisconsin Department of Commerce (Commerce) has determined that this site does not pose a significant threat to the environment and human health so long as current and subsequent property owner(s) adhere to the following limitation:

- The barrier cover must be maintained in accordance with the enclosed maintenance plan.

Commerce has the authority per section 292.12(2), Wis. Stats., to require the maintenance of a barrier cap at this property. Failure to adhere to this limitation may result in financial penalties from \$10 to \$5,000 per day in accordance with section 292.99(1), Wis. Stats. Commerce may conduct inspections to ensure compliance with the maintenance plan. In the future, you may request that Commerce review new information to determine if the cap requirement can be changed or removed.

This site is now listed as "closed" on the Commerce database and will be included on the Department of Natural Resources (DNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual soil and groundwater contamination that remain above state standards. It is in your best interest to keep all documentation related to the environmental activities at your site.

Please note that if contaminated soil is excavated in the future, it must be managed in accordance with all applicable state and federal regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required.

Thank you for your efforts to protect and restore Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 357-4704.

Sincerely,

Stephen D. Mueller
Senior Hydrogeologist
Site Review Section

Enclosure: Barrier Maintenance Plan

cc: K. Singh & Associates, Inc.

PAVEMENT COVER AND BUILDING BARRIER MAINTENANCE PLAN

October 2007

Property Located at:

7110 West Lisbon Avenue, Milwaukee

Commerce #53210-1144-10, WDNR BRRTS/Activity #03-41-002733

A parcel of the land in the Northwest $\frac{1}{4}$ of Section 15, Town 7 North, Range 21 East, in the City of Milwaukee, Milwaukee County, Wisconsin, bounded and described as follows: Commencing at a point which is 745.17 feet West and 33.00 feet South of the Northeast corner of said $\frac{1}{4}$ section; thence East along the South line of West Burleigh Road, 214.33 feet to the point of intersection with the Northerly line of West Lisbon Avenue; thence South 55 degrees 31 minutes East along the Northerly line of West Lisbon Avenue; 317.02 feet to a point; thence Northerly and parallel to the East line of said $\frac{1}{4}$ Section, 34.30 feet to a point; thence Northwesterly, 70.14 feet to a point; thence Northerly and parallel to the East line of said $\frac{1}{4}$ Section, 95.00 feet to the point of Commencement.

TAX/PARCEL IDENTIFICATION #304-9983-100-1

Introduction

This document is the Maintenance Plan for a pavement cover and building barrier at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing building and other paved surfaces occupying the area over the contaminated soil on site. The contaminated soil (and groundwater) are impacted by petroleum constituents including, but not limited to benzene, ethylbenzene, toluene, trimethylbenzenes, and xylenes. The location of the paved surfaces and building to be maintained in accordance with this Maintenance Plan, as well as the impacted soil are identified in the attached map (Exhibit A).

Cover and Building Barrier Purpose

The paved surfaces and the building foundation over the contaminated soil serve as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

Annual Inspection

The paved surfaces and building foundation overlying the contaminated soil and as depicted in Exhibit A will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration, cracks and other potential problems that can cause exposure to underlying soils and contamination. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed will be documented. A log of the inspections and any repairs will be maintained by the property owner and is included as Exhibit B, Cap Inspection Log. The log will include recommendations

for necessary repair of any areas where underlying soils are exposed. Once repairs are completed, they will be documented in the inspection log. The inspection log must be kept on site and made immediately available for review by the Wisconsin Department of Commerce (Commerce), its successor, and/or other state agencies. Do not submit a copy of the log annually.

Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling operations or they can include larger resurfacing or construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the direct contact exposure hazard and provide them with appropriate personal protection equipment ("PPE"). The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored and disposed of by the owner in accordance with applicable local, state and federal law.

In the event the paved surfaces and/or the building overlying the contaminated soil are removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by Commerce or its successor.

The property owner, in order to maintain the integrity of the paved surfaces and/or the building, will maintain a copy of this Maintenance Plan on-site and make it available to all interested parties (i.e. on-site employees, contractors, future property owners, etc.) for viewing.

Amendment or Withdrawal of Maintenance Plan

This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of Commerce.

Contact Information

October 2007

Site Owner and Operator:

Mirza Fahim Beg
803 East Fox Lane, Fox Point, Wisconsin, 53217
(414) 364-7900

Consultant:

K. Singh & Associates, Inc.
1135 Legion Drive, Elm Grove, Wisconsin
(262) 821-1171

Commerce:

Steve Mueller
9316 North 107th Street, Milwaukee, Wisconsin, 53224
(414) 357-4704

Holy Cross Cemetery
 GP-07 $\angle 1-2$ MW-04

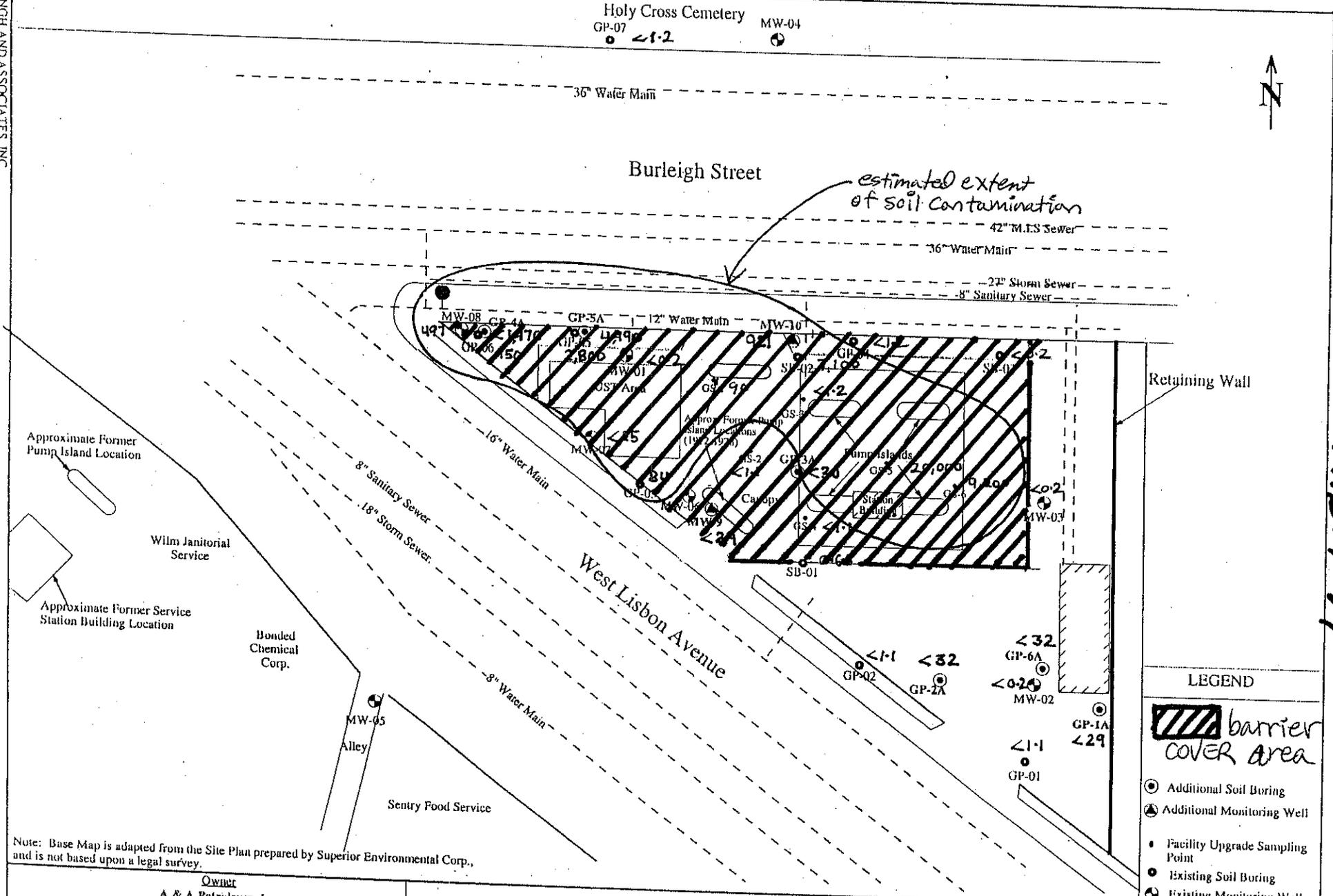


EXHIBIT A

Retaining Wall

LEGEND

barrier cover area

- Additional Soil Boring
- Additional Monitoring Well
- Facility Upgrade Sampling Point
- Existing Soil Boring
- Existing Monitoring Well

Note: Base Map is adapted from the Site Plan prepared by Superior Environmental Corp., and is not based upon a legal survey.

<p>Owner A & A Petroleum, Inc.</p>	<p>Engineer K. SINGH & ASSOCIATES, INC., Engineers & Environmental Management Consultants 1135 Legion Drive, Elm Grove, Wisconsin 53122, (414) 821-1171</p>	<p>Figure 2. Extent of Residual Soil Contamination</p>									
<p>PROJECT LOCATION Former Total Station #2424 7110 West Lisbon Avenue Milwaukee, WI 53210</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Date February 6, 1998</td> <td style="width: 25%;">Drawn by M.J.P.</td> <td style="width: 25%;">Project no. 4272</td> <td style="width: 25%;">Date</td> </tr> <tr> <td colspan="2" style="text-align: center;">SCALE 0" 20' 40'</td> <td style="padding: 5px;">Checked by P.N.S.</td> <td style="padding: 5px;"></td> </tr> </table>	Date February 6, 1998	Drawn by M.J.P.	Project no. 4272	Date	SCALE 0" 20' 40'		Checked by P.N.S.		
Date February 6, 1998	Drawn by M.J.P.	Project no. 4272	Date								
SCALE 0" 20' 40'		Checked by P.N.S.									

NOTICE OF CONTAMINATION TO
PROPERTY

Document Number

tions under which a restriction may be extinguished will be determined in accordance with the site specific standards, rules and laws for this property. 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 restriction, or portions of this restriction are no longer binding. Any restriction placed upon this property shall not be extinguished without the Department's written determination.

Recording Area

Mirza Fahim Beg
803 E. Fox Lane
Fox Point, WI 53217

304-9983-100-1

Parcel Identification Number (PIN)

IN WITNESS WHEREOF, the owner of the property has executed this document,

this 23rd day of AUGUST 2007

Signature: [Handwritten Signature]

Printed Name: MIRZA FAHIM BEG

Subscribed and sworn to before me this 23 day of AUGUST, 2007

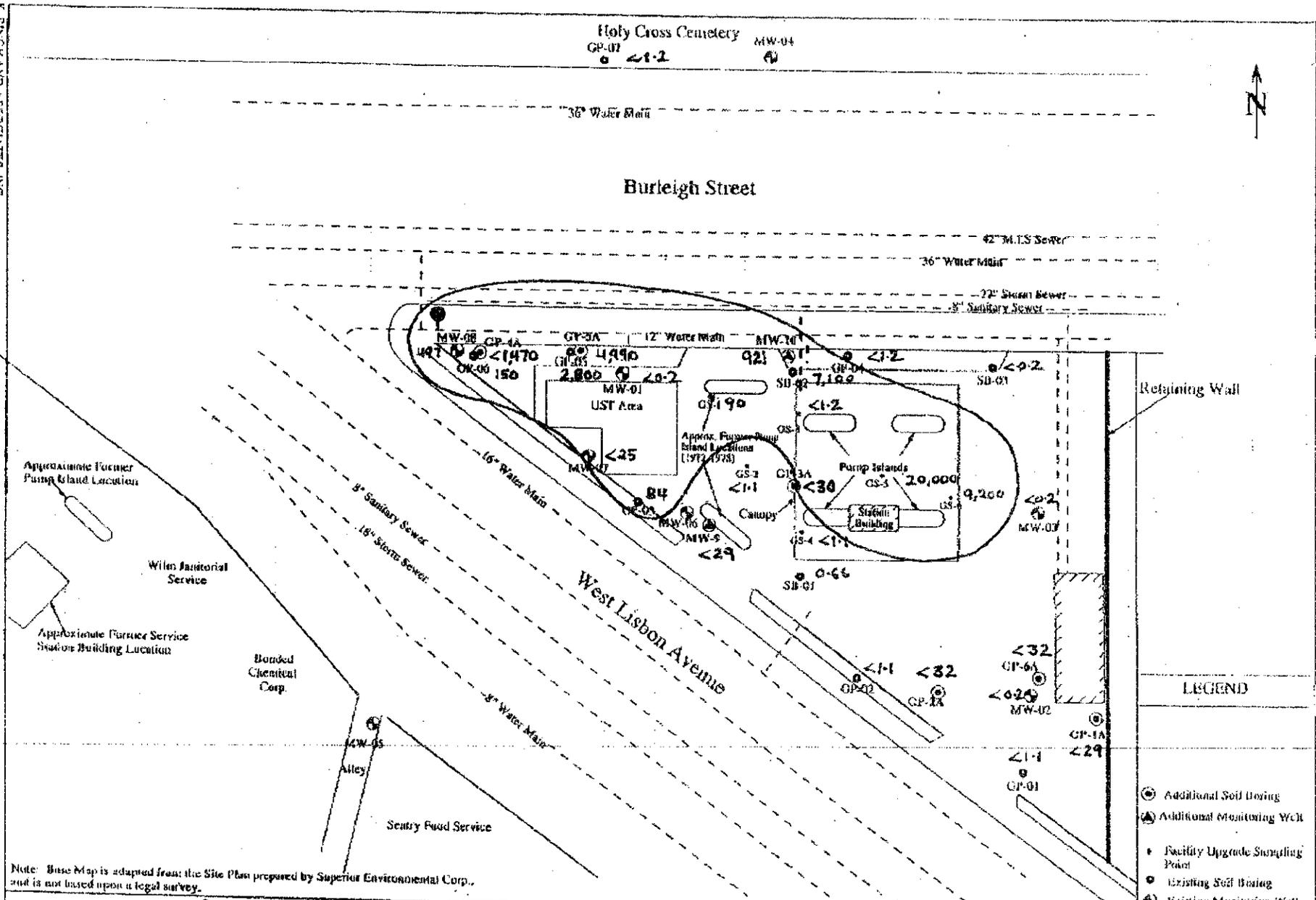
[Handwritten Signature]
Notary Public, Wisconsin

MATTHEW KARZE
(print name of Notary)

Matthew Karze
Notary Public
State of Wisconsin

My Commission JULY 10, 2011

This document was drafted by the Wisconsin Department of Commerce.



Note: Base Map is adapted from the Site Plan prepared by Superior Environmental Corp., and is not based upon a legal survey.

Owner
A & A Petroleum, Inc.
PROJECT LOCATION
 Former Petal Station #2424
 7110 West Lisbon Avenue
 Milwaukee, WI 53210

Engineer
K. SINGH & ASSOCIATES, INC.,
 Engineers & Environmental Management Consultants
 1135 Legion Drive, Elm Grove, Wisconsin 53122, (414) 821-1174

Figure 1, Extent of Residual Soil Contamination

Date	Drawn by	Project No.	Date
February 6, 1998	M.J.P.	1272	
SCALE		Checked by	
0' 20' 40'		P.N.S.	

- LEGEND**
- ⊙ Additional Soil Drilling
 - ⊕ Additional Monitoring Well
 - ⊙ Facility Upgrade Sampling Point
 - ⊙ Existing Soil Drilling
 - ⊕ Existing Monitoring Well

Table 1
Summary of Soil Quality Test Results

Sample ID	Sample Depth	PID Reading	Benzene	Toluene	Ethylbenzene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	GRO	DRO	Lead
			Inst. Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm
GP-1A	7-9	BK	<29	<29	<29	<88	<29	<29	<29	<5.9	<5.9	NT
GP-2A	5-7	BK	<32	<32	<32	<96	<32	<32	<32	<6.4	NT	NT
GP-3A	3-5	8.5	<30	<30	<401	<110	<50	<110	<30	18	NT	NT
	9-11	BK	<29	<29	<29	<86	<29	<29	<29	<5.7	NT	NT
GP-4A	5-7	BK	<30	<30	<30	<89	<30	<30	<30	<5.9	NT	NT
	13-15	166		<147	1250	2,950	9,300	3,290	<556		NT	NT
GP-5A	7-9	196		<1,430			15,400	7130	<1,430			NT
GP-6A	7-9	BK	<32	<32	<32	<96	<32	<32	<32	<6.4	11	NT
MW-9	6-7.5	4.6	<29	<29	42	<86	<367	<29	<29	25	NT	NT
	11-12.5	BK	<28	<28	<28	<85	<28	<28	<28	<5.7	NT	NT
MW-10	1-2.5	78		50	1100	2020	404	214	<32	23	NT	NT
	13.5-15	BK	<28	<28	<28	<85	<28	<28	<28	<5.7	NT	NT
MW-7	7.5-9.5	16.2	<25	<25	<25	<25	<25	<25	<25	<0.9	NT	NT
	12.5-14.5	15.1	<25	<25	<25	<25	<25	<25	<25	<0.9	NT	NT
MW-8	12.5-14.5	95.7		192			3,210	21,900	<25		NT	NT
	17.5-19.5	2.3	<25	<25	<25	47	58	<25	<25	<0.9	NT	NT
GS-1	2.5-3^A	NA		44	190	950	58	140	<2.4	74	NT	NT
GS-2	2.5-3^A	NA	<1.1	<1.1	<1.1	5.8	4.1	1.4	<1.1	25	NT	NT
GS-3	2.5-3^A	NA	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	8.1	6.4	NT	NT
GS-4	2.5-3^A	NA	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<6.3	NT	NT
GS-5	2.5-3^A	NA					39,000	130,000	<1,300		NT	NT
GS-6	2'9"	NA		890			15,000	53,000	<440		NT	NT
MW-5	7	840		<0.5			21,000	85,000	<0.5		NT	<5
	15	0	<1	<1	<1	<1	<1	<1	<1	<5.3	NT	6.1
	21	0	<1	<1	<1	<1	<1	<1	<1	<5	NT	<5
GP-01	14	0	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<5.7	NT	<5.7
GP-02	16	0	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<5.7	NT	<5.7
GP-03	9	128		<2.3	210	95	11	150	11		NT	<5.7
	14	0	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<5.7	NT	<5.7
GP-04	6	18.1	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	6.1	82	NT	17
	14	0	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<5.7	NT	<5.7
GP-05	6	1,096					49	310,000	<570		NT	8.3
	14	10.9	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<5.7	NT	<5.7
GP-06	14	836.0		1,100			1,900	17,000	340		NT	<5.5
GP-07	8	0	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<6.0	NT	<6.0
MW-1	5	679	<0.2				51,000	150,000	<1			6.2
MW-2	9	134	<0.2	9.2	73	290	450	890	<1			10.0
MW-3	9	20	<0.2	<0.5	8.5	2.9	1.6	2.5	<1	47	1.1	12
SB-01	14	8	0.66	3.3	11	18	13	37	<1	26	84	6.3
SB-02	5	459					4,300	14,000	<1		25	13
	20	1.9	<0.2	0.9	<0.2	<0.8	0.88	0.97	<1	<5.0	0.87	7.2
SB-03	5	1.9	<0.2	<0.5	<0.2	<0.8	<0.8	<0.8	<1	<5.0	5	83
	29	1.9	<0.2	<0.5	<0.2	<0.8	<0.8	<0.8	<1	<5.0	1.7	5.4
NR 720 Standard			5.5	1,500	2,900	4,100				100	100	

Note: "PID" = Photoionization Detector
TMB = Trimethyl Benzene

*- Soil samples taken by Superior Environmental Corporation

** - Soil samples taken by Econotech Midwest, Inc.

^ - Estimated depth of soil samples

DOCUMENT NO

STATE BAR OF WISCONSIN FORM 3 - 1982
QUIT CLAIM DEED

THIS SPACE RESERVED FOR RECORDING DATA

6818150

REGISTER'S OFFICE
Milwaukee County, WI

RECORDED AT

AUG 26 1993

REEL 3106 IMAG 539

Walter Boyer REGISTER OF DEEDS

3:15 AM

Fozia Ahmed

quit-claims to Mirza Fahim Beg

the following described real estate in Milwaukee County,
State of Wisconsin:

RETURN TO Boyer Law Office
12745 W. Capitol Drive
Brookfield, WI 53005

Tax Parcel No: 304-9983-100-1.

A parcel of land in the Northwest 1/4 of Section 15, Town 7 North, Range 21 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, bounded and described as follows:

Commencing at a point which is 745.17 feet West and 33.00 feet South of the Northeast corner of said 1/4 Section; running thence West along the South line of West Burleigh Street, 214.33 feet to the point of intersection with the Northerly line of West Lisbon Avenue; thence South 55 degrees 31 minutes East along the Northerly line of West Lisbon Avenue, 317.02 feet to a point; thence Northerly and parallel to the East line of said 1/4 Section, 34.30 feet to a point; thence Northwesterly, 70.14 feet to a point; thence Northerly and parallel to the East line of said 1/4 Section, 95.00 feet to the point of commencement.

For information only: 7110 West Lisbon Avenue

FEE
77.25 (9)
EXEMPT

RECORD 10.00

This is not homestead property.
(is) (is not)

Dated this 11th day of AUGUST, 1993.

(SEAL)

(SEAL)

Fozia Ahmed

(SEAL)

(SEAL)

AUTHENTICATION

ACKNOWLEDGMENT

Signature of Fozia Ahmed

STATE OF WISCONSIN

ss.

County

authenticated this 11th day of AUGUST, 1993.

Personally came before me this day of 1993 the above named

Darryl L. Boyer

Darryl L. Boyer

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not authorized by § 763.06, Wis. Stats.)

to me known to be the person who executed the foregoing instrument and acknowledge the same.

THIS INSTRUMENT WAS DRAFTED BY

Darryl L. Boyer, Attorney at Law

Boyer Law Office, Brookfield, Wisconsin 53005

(Signatures may be authenticated or acknowledged. Both are not necessary.)

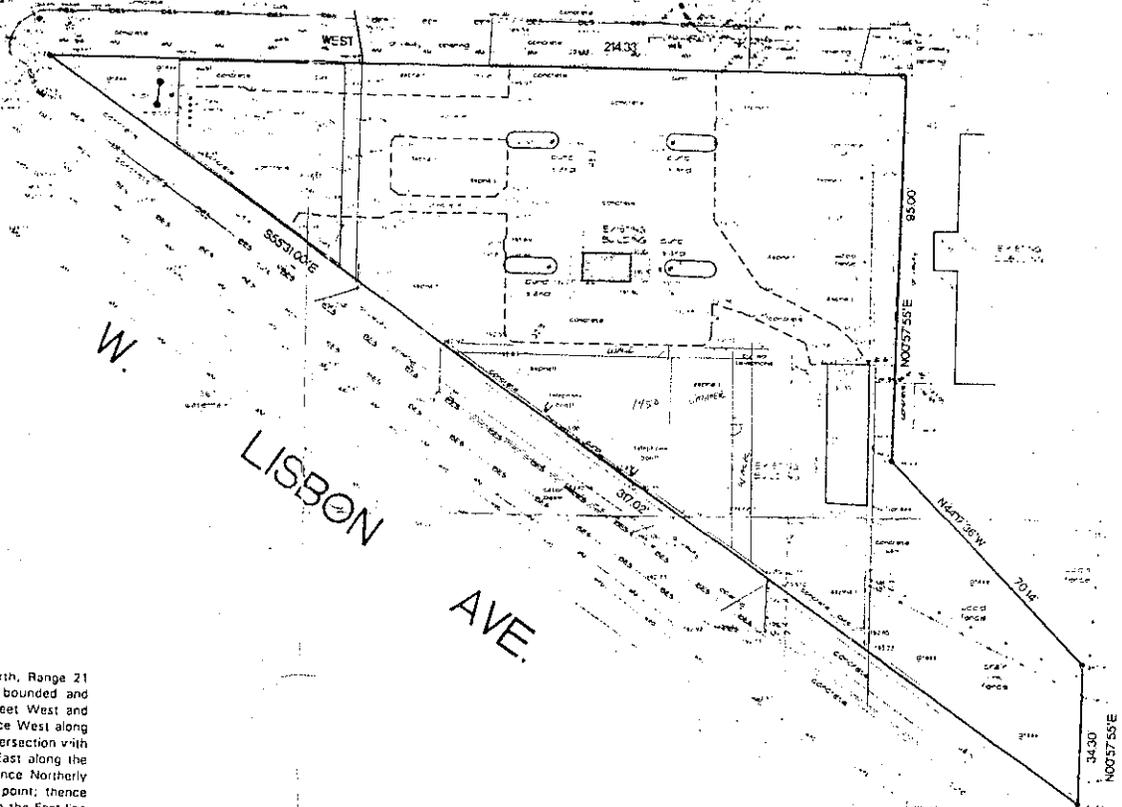
Notary Public County, Wis.

My Commission is permanent. (If not, state expiration

date: 1993)

*Names of persons signing in any capacity should be typed or printed below their signatures.

W. BURLEIGH ST.



PLAT OF SURVEY

A Parcel of land in the Northwest 1/4 of Section 15, Town 7 North, Range 21 East, in the City of Milwaukee, Milwaukee County, Wisconsin, bounded and described as follows: Commencing at a point which is 745.17 feet West and 33.00 feet South of the Northeast corner of said 1/4 Section; thence West along the South line of West Burleigh Road, 214.33 feet to the point of intersection with the Northerly line of West Lisbon Avenue; thence South 55° 31' East along the Northerly line of West Lisbon Avenue, 317.02 feet to a point; thence Northerly and parallel to the East line of said 1/4 Section, 34.50 feet to a point; thence Northwesterly, 70.14 feet to a point; thence Northerly and parallel to the East line of said 1/4 Section, 95.00 feet to the point of commencement.

Survey location: 7110 W. Lisbon Avenue

- ⊙ DENOTES EXISTING WATER VALVE
- ⊙ DENOTES EXISTING SEWER MANHOLE
- ⊙ DENOTES EXISTING LIGHT POLE
- ⊙ DENOTES EXISTING POWER POLE
- ⊙ DENOTES EXISTING UNDERLAY
- DENOTES EXISTING SPOT ELEVATION

AREA OF PROPERTY: 11135.50 SQ. FT.

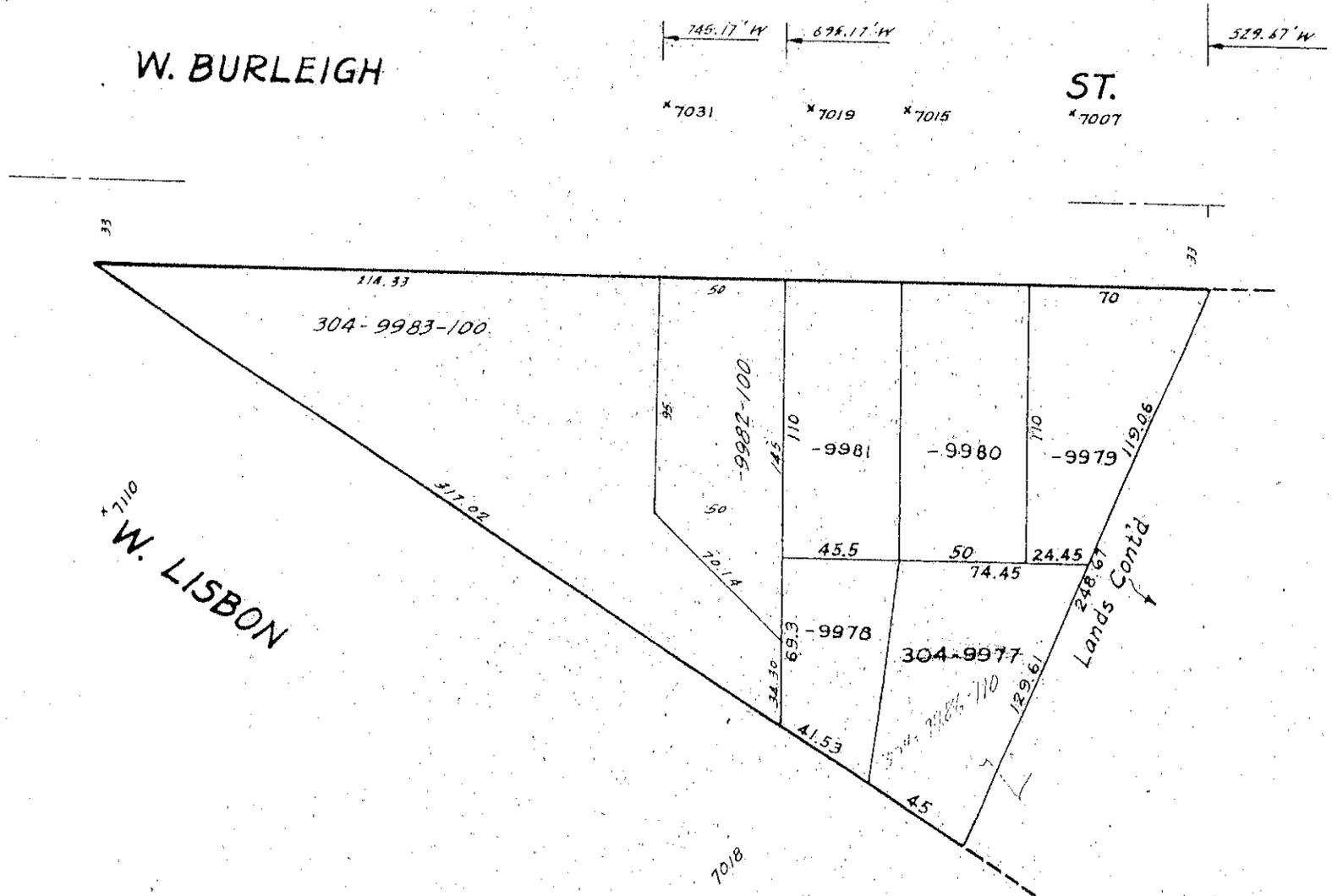
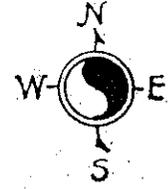
SURVEYING ASSOCIATES, INC.

1110 W. LISBON AVENUE
MILWAUKEE, WISCONSIN 53212

Professional Engineer License No. 11100
Professional Surveyor License No. 11100

Date	3-22-56	Revised	
Project	24-004	Field Work	Checked By: B.M.C.
Project Completed For:			
F. B. CONSTRUCTION			

FEB 21 1966



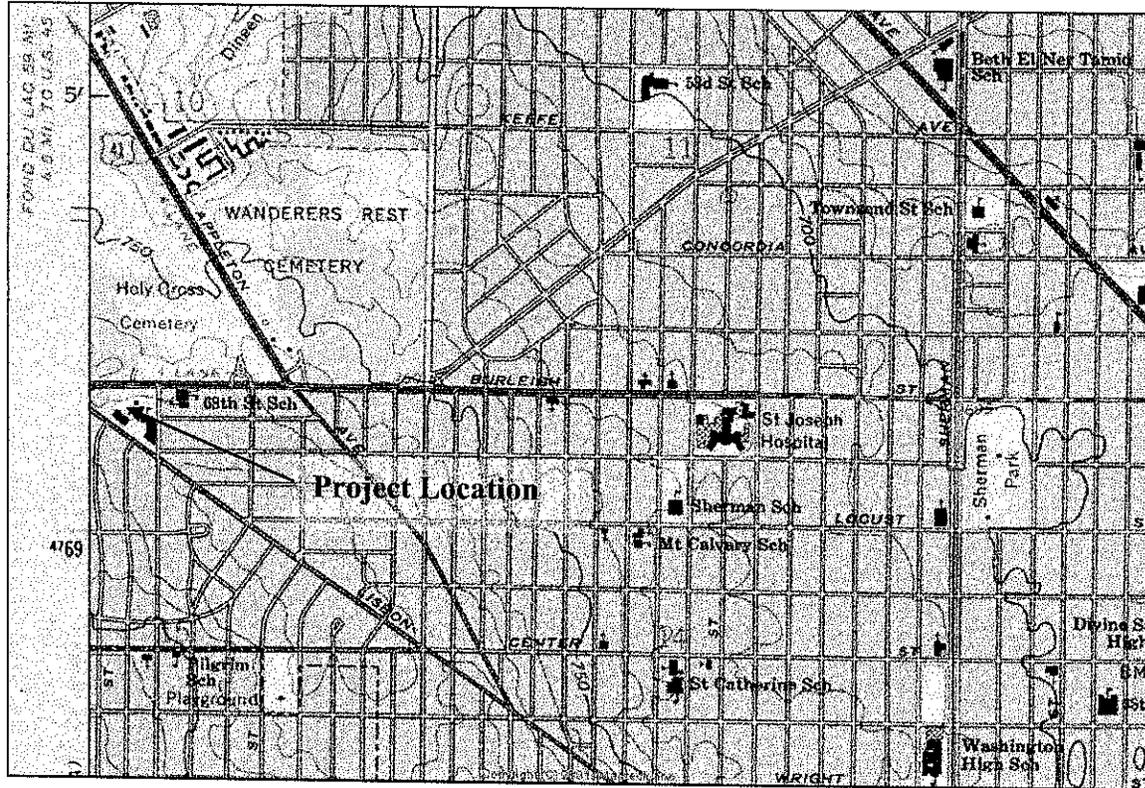


Figure 1. Site Location Map

Holy Cross Cemetery
GP-07 MW-04



Burleigh Street

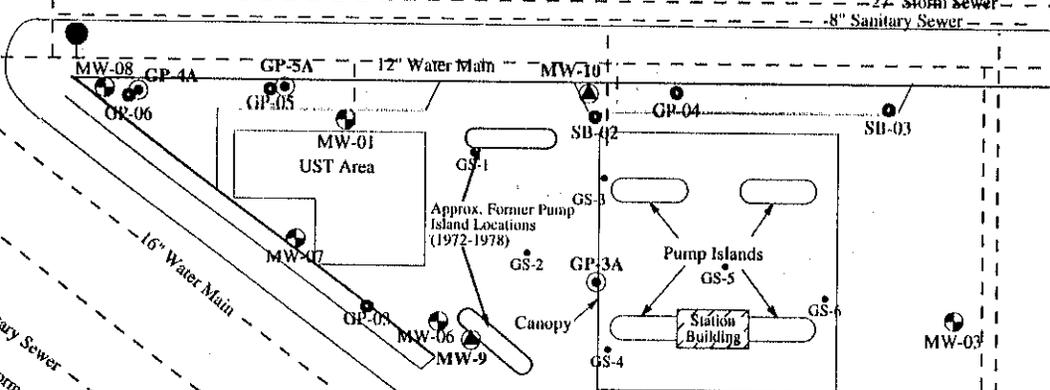
36" Water Main

42" M.T.S Sewer

36" Water Main

27" Storm Sewer

8" Sanitary Sewer



Retaining Wall

Approximate Former Pump Island Location

Wilm Janitorial Service

Approximate Former Service Station Building Location

Bonded Chemical Corp.

MW-05

Alley

Sentry Food Service

West Lisbon Avenue

Note: Base Map is adapted from the Site Plan prepared by Superior Environmental Corp., and is not based upon a legal survey.

LEGEND

- Additional Soil Boring
- ▲ Additional Monitoring Well
- Facility Upgrade Sampling Point
- Existing Soil Boring
- Existing Monitoring Well

Owner

A & A Petroleum, Inc.

PROJECT LOCATION

Former Total Station #2424
7110 West Lisbon Avenue
Milwaukee, WI 53210

Engineer

K. SINGH & ASSOCIATES, INC.,

Engineers & Environmental Management Consultants

1135 Legion Drive, Elm Grove, Wisconsin 53122, (414) 821-1171

Figure I. Site Layout

Date February 6, 1998	Drawn by M.J.P.	Project no. 4272	Date
SCALE 0' 20' 40'		Checked by P.N.S.	

Table (Page 1)
Summary of Groundwater Quality Test Results (Project #4272)
Former Total Station #2424, 7110 W. Lisbon Avenue, Milwaukee, WI

Location	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Trimethylbenzenes	MTBE	GRO
		ppb	ppb	ppb	ppb		ppb	ppm
MW-1	10/6/92	1000	720	650	3800	1690	520	12
	8/17/93	720	380	680	3900	1020	110	15
	1/18/95	140	30	160	630	96	<1.0	NT
	3/6/96	307	52	473	2020	677	558	5.22
	5/8/97	960	400	1200	5700	1,740	<1.6	18
	4/23/98	140	17	260	880	2,390	<21	24
	6/27/00	240	48	370	1200	1,140	48	9.6
	10/6/00	450	110	730	2900	1,550	<1.6	13
	1/22/01	290	<80	350	990	1,220	<64	NT
MW-2	10/6/92	0.22	0.98	0.29	1.0	2.2	<1.0	0.13
	8/17/93	0.22	0.98	0.29	1.0	2.2	<1.0	0.13
	1/18/95	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	NT
	3/6/96	<0.5	<0.6	<0.6	<1.7	<2.6	4.9	0.099
	5/8/97	0.18	<0.20	<0.22	0.29	<0.51	4.0	0.12
	4/23/98	0.13	<0.20	<0.22	<0.23	<0.51	<0.25	0.093
	6/27/00	<0.13	<0.20	<0.22	0.30	<0.62	<0.16	0.1
	10/6/00	<0.13	<0.20	<0.22	<0.23	<0.69	<0.16	0.68
MW-3	10/6/92	<0.2	1.1	0.55	0.86	2.1	<1.0	0.084
	8/17/93	<0.1	1.1	0.55	0.86	2.1	<1.0	0.084
	1/18/95	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	NT
	3/6/96	<0.5	<0.6	<0.6	<1.7	<2.6	<2.7	0.144
	5/8/97	<0.13	0.66	<0.22	0.25	<0.51	5.3	0.24
	4/23/98	<0.40	<0.20	<0.22	<0.35	<0.51	<0.16	0.26
	6/27/00	<0.13	0.60	<0.22	1.0	<2.59	<0.16	0.21
	10/6/00	<0.13	<0.20	<0.22	<0.23	<0.51	<0.16	<0.050
MW-4	1/18/95	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<0.1
	3/6/96	<0.5	<0.6	<0.6	<1.7	<2.6	<2.7	<0.028
	5/8/97	<0.13	<0.20	<0.22	<0.23	<0.51	<0.16	<0.050
	4/23/98	<0.13	<0.20	<0.22	<0.23	<0.51	<0.16	<0.050
	6/27/00	<0.13	<0.20	<0.22	<0.23	<0.51	<0.16	<0.050
	10/6/00	<0.13	<0.20	<0.22	<0.23	<0.51	<0.16	<0.050
MW-5	1/18/95	7.7	<1.0	<1.0	<1.0	<2.0	<1.0	<0.1
	3/6/96	7.3	<0.6	<0.6	<1.7	<2.6	<2.7	<0.028
	5/8/97	1.9	0.43	<0.22	<0.23	<0.51	<0.16	<0.050
	4/23/98	3.4	<0.20	<0.22	<0.30	<0.51	6.6	0.053
	6/27/00	0.62	<0.20	<0.22	0.34	<0.51	4.8	<0.050
	10/6/00	0.39	<0.20	<0.22	0.30	<0.51	3.8	<0.050
MW-6	1/18/95	<1.0	<1.0	<1.0	<1.0	<2.0	18	<0.1
	3/6/96	<0.5	<0.6	<0.6	<1.7	<2.6	11	<0.028
	5/8/97	0.25	<0.20	<0.22	0.67	<0.51	24	<0.050
	4/23/98	0.95	<0.20	<0.22	<0.23	<0.51	33	<0.050
	6/27/00	0.48	<0.20	<0.22	0.47	<0.51	29	<0.050
	10/6/00	0.38	<0.20	<0.22	<0.23	<0.51	27	<0.050

Table (Page 2)
Summary of Groundwater Quality Test Results (Project #4272)
Former Total Station #2424, 7110 W. Lisbon Avenue, Milwaukee, WI

Location	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Trimethylbenzenes	MTBE	GRO
		ppb	ppb	ppb	ppb		ppb	ppm
MW-7	5/14/96	3.0	<1.5	<1.3	<4.5	<2.0	104	0.027
	5/8/97	0.92	<0.20	<0.22	<0.23	<2.6	210	0.1
	4/23/98	2.0	<0.20	<0.22	<0.23	<0.51	290	0.12
	6/27/00	0.77	<0.20	<0.22	<0.23	<0.51	120	<0.050
	10/6/00	0.53	<0.20	<0.22	<0.23	<0.51	68	<0.050
MW-8	5/14/96	247	154	2280	5472	4940	728	56.8
	5/8/97	4.2	<0.20	3.9	3.1	14.3	<0.16	0.83
	4/23/98	<0.45	<0.25	2.8	4.0	21.0	<12	0.33
	6/27/00	0.55	0.73	4.9	4.9	25.2	<0.96	0.37
	10/6/00	<0.13	<0.20	1.1	0.59	8.3	<0.16	0.16
MW-9	4/23/98	<0.13	<0.20	<0.22	<0.23	0.96	4.3	<0.050
	6/27/00	<0.13	<0.20	<0.22	<0.23	<0.51	2.1	<0.050
	10/6/00	<0.13	<0.20	<0.22	<0.23	<0.51	1.9	<0.050
MW-10	4/23/98	720	23	130	380	87.0	270	2.1
	6/27/00	660	13	210	57	<53.9	280	2.2
	10/6/00	750	22	290	76	<46.9	210	2.0
	1/22/01	620	17	210	62	<41.4	160	NT
ES		5	1,000	700	10,000	---	60	---
PAL		0.5	200	140	1,000	---	12	---

Note: TMB= Trimethyl Benzene

MTBE= Methyl tert-butyl ether

*-Well was dry at the time of sampling

Sampling from 10/92 conducted by Econotech Midwest, Inc.

Sampling from 1993 through 1996 conducted by Superior Environmental Corporation

Sampling during 1997 conducted by ATC Associates, Inc.

**Table 1
Summary of Soil Quality Test Results**

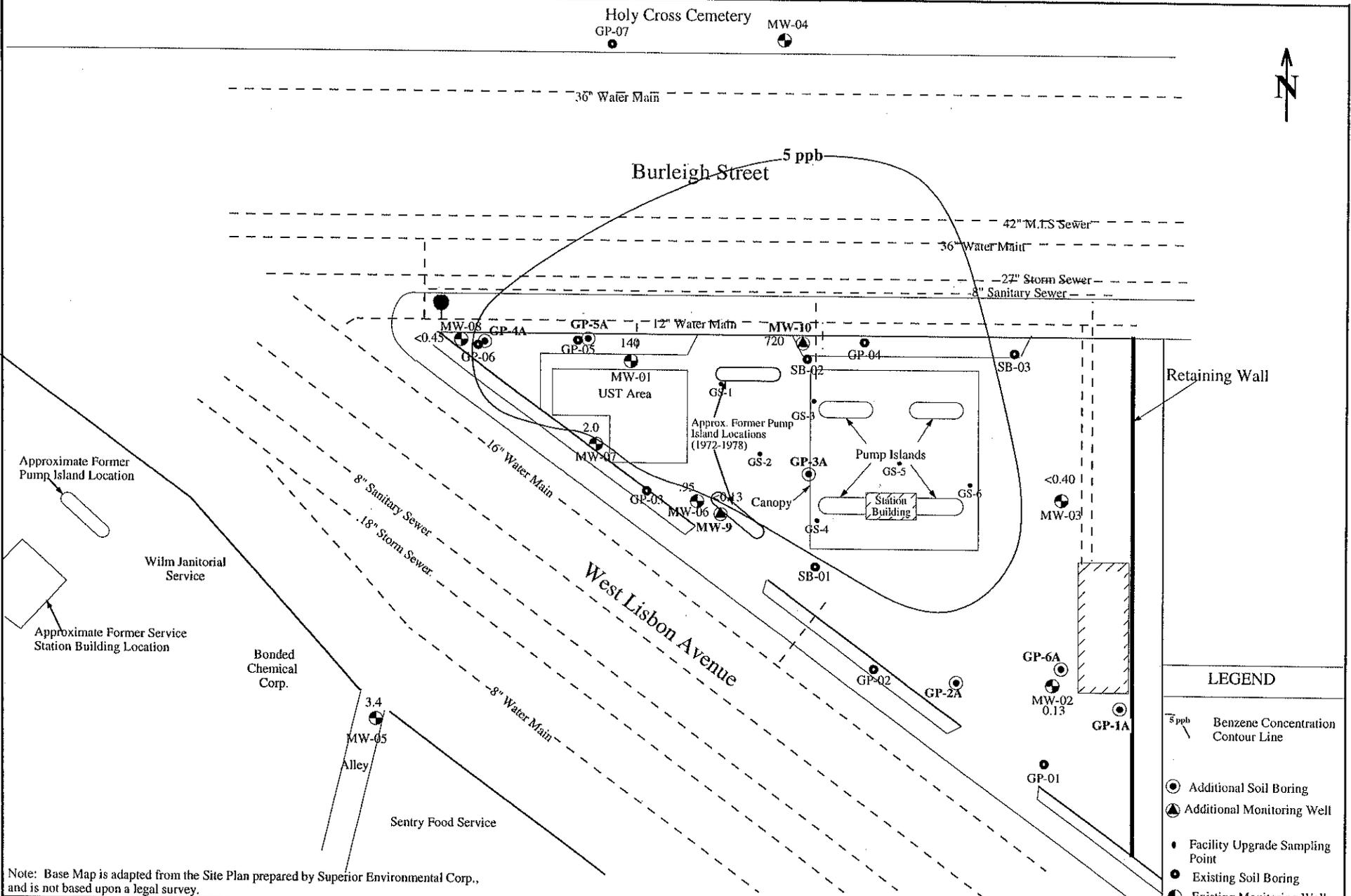
Sample ID	Sample Depth	PID Reading	Benzene	Toluene	Ethylbenzene	Total Xylenes	1,4-TMB	1,3,5-TMB	MTBE	GRO	DRO	Lead
			ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm
	ft	Inst. Units										
Soil Borings for Additional Investigation- February 1998												
GP-1A	7-9	BK	<29	<29	<29	<88	<29	<29	<29	<5.9	<5.9	NT
GP-2A	5-7	BK	<32	<32	<32	<96	<32	<32	<32	<6.4	NT	NT
GP-3A	3-5	8.5	<30	<30	<401	<110	<50	<110	<30	18	NT	NT
	9-11	BK	<29	<29	<29	<86	<29	<29	<29	<5.7	NT	NT
GP-4A	5-7	BK	<30	<30	<30	<89	<30	<30	<30	<5.9	NT	NT
	13-15	166	<1,470	<147	1250	2,950	9,300	3,290	<556	204	NT	NT
GP-5A	7-9	196	4,990	<1,430	13,100	26,100	15,400	7130	<1,430	594	143	NT
GP-6A	7-9	BK	<32	<32	<32	<96	<32	<32	<32	<6.4	11	NT
MW-9	6-7.5	4.6	<29	<29	42	<86	<367	<29	<29	25	NT	NT
	11-12.5	BK	<28	<28	<28	<85	<28	<28	<28	<5.7	NT	NT
MW-10	1-2.5	78	921	50	1100	2020	404	214	<32	23	NT	NT
	13.5-15	BK	<28	<28	<28	<85	<28	<28	<28	<5.7	NT	NT
Soil Borings-May 1996*												
MW-7	7.5-9.5	16.2	<25	<25	<25	<25	<25	<25	<25	<0.9	NT	NT
	12.5-14.5	15.1	<25	<25	<25	<25	<25	<25	<25	<0.9	NT	NT
MW-8	12.5-14.5	95.7	497	192	12,100	21,320	3,210	21,900	<25	170	NT	NT
	17.5-19.5	2.3	<25	<25	<25	47	58	<25	<25	<0.9	NT	NT
Grab Samples Taken During Facility Upgrade- August 1995*												
GS-1	2.5-3^	NA	90	44	190	950	58	140	<2.4	74	NT	NT
GS-2	2.5-3^	NA	<1.1	<1.1	<1.1	5.8	4.1	1.4	<1.1	25	NT	NT
GS-3	2.5-3^	NA	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	8.1	6.4	NT	NT
GS-4	2.5-3^	NA	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<6.3	NT	NT
GS-5	2.5-3^	NA	20,000	99,000	40,000	215,000	39,000	130,000	<1,300	2,300	NT	NT
GS-6	2' 9"	NA	9,200	45,000	890	97,000	15,000	53,000	<440	1,000	NT	NT
Soil Borings- August 1994*												
MW-5	7	840	8,600	<0.5	69,000	12,300	21,000	85,000	<0.5	170	NT	<5
	15	0	<1	<1	<1	<1	<1	<1	<1	<5.3	NT	6.1
	21	0	<1	<1	<1	<1	<1	<1	<1	<5	NT	<5
Soil Borings-December 1993*												
GP-01	14	0	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<5.7	NT	<5.7
GP-02	16	0	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<5.7	NT	<5.7
GP-03	9	128	84	<2.3	210	95	11	150	11	150	NT	<5.7
	14	0	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<5.7	NT	<5.7
GP-04	6	18.1	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	6.1	82	NT	17
	14	0	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<5.7	NT	<5.7
GP-05	6	1,096	2,800	99,000	50,000	570,000	49	310,000	<570	1,400	NT	8.3
	14	10.9	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<5.7	NT	<5.7
GP-06	14	836.0	150	1,100	7,400	79,000	1,900	17,000	340	670	NT	<5.5
GP-07	8	0	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<6.0	NT	<6.0
Soil borings- October 1992**												
MW-1	5	679	<0.2	4,000	25,000	170,000	51,000	150,000	<1	1,500	340	6.2
MW-2	9	134	<0.2	9.2	73	290	450	890	<1	270	1500	10.0
MW-3	9	20	<0.2	<0.5	8.5	2.9	1.6	2.5	<1	47	1.1	12
SB-01	14	8	0.66	3.3	11	18	13	37	<1	26	84	6.3
SB-02	5	459	7,100	2,200	5,600	24,000	4,300	14,000	<1	170	25	13
	20	1.9	<0.2	0.9	<0.2	<0.8	0.88	0.97	<1	<5.0	0.87	7.2
SB-03	5	1.9	<0.2	<0.5	<0.2	<0.8	<0.8	<0.8	<1	<5.0	5	83
	29	1.9	<0.2	<0.5	<0.2	<0.8	<0.8	<0.8	<1	<5.0	1.7	5.4
NR 720 Standard			5.5	1,500	2,900	4,100	---	---	---	100	100	---

Note: "PID"= Photoionization Detector
TMB = Trimethyl Benzene

*- Soil samples taken by Superior Environmental Corporation

** - Soil samples taken by Econotech Midwest, Inc.

^ - Estimated depth of soil samples



LEGEND	
	5 ppb Benzene Concentration Contour Line
	Additional Soil Boring
	Additional Monitoring Well
	Facility Upgrade Sampling Point
	Existing Soil Boring
	Existing Monitoring Well

Note: Base Map is adapted from the Site Plan prepared by Superior Environmental Corp., and is not based upon a legal survey.

<p>Owner A & A Petroleum, Inc.</p> <p>PROJECT LOCATION Former Total Station #2424 7110 West Lisbon Avenue Milwaukee, WI 53210</p>	<p>Engineer K. SINGH & ASSOCIATES, INC., Engineers & Environmental Management Consultants 1135 Legion Drive, Elm Grove, Wisconsin 53122, (414) 821-1171</p>	<p>Figure 1. Plume of Benzene in Groundwater</p> <table border="1"> <tr> <td>Date February 6, 1998</td> <td>Drawn by M.J.P.</td> <td>Project no. 4272</td> <td>Date</td> </tr> <tr> <td colspan="2">SCALE </td> <td>Checked by P.N.S.</td> <td></td> </tr> </table>	Date February 6, 1998	Drawn by M.J.P.	Project no. 4272	Date	SCALE 		Checked by P.N.S.	
Date February 6, 1998	Drawn by M.J.P.	Project no. 4272	Date							
SCALE 		Checked by P.N.S.								

Table 4
Summary of Groundwater Elevations

Well #	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10
Screened Interval	9-19	9-19	9-19	7-17	10-20	17-27	7-17	6.5-16.5	4-14	4-14
Top of PVC*	96.35	96.44	95.52	97.54	98.15	97.23	97.70	97.22	97.44	94.61
Date										
10/9/92	81.34	88.81	88.51	**	**	**	**	**	**	**
5/6/93	85.46	90.46	88.75	**	**	**	**	**	**	**
8/17/93	83.65	89.05	88.14	**	**	**	**	**	**	**
1/18/95	82.41	89.39	88.14	88.11	89.66	90.86	**	**	**	**
6/19/95	83.08	89.12	87.88	86.96	89.53	86.25	**	**	**	**
3/6/96	81.63	89.05	88.01	87.42	90.44	86.75	**	**	**	**
5/16/96	88.04	91.81	89.22	89.64	90.04	86.80	92.55	90.90	**	**
4/23/98	85.22	90.70	88.89	89.67	90.26	91.58	92.45	90.87	91.38	88.48
6/16/98	83.76	89.06	88.05	86.89	89.85	89.02	91.27	88.91	90.85	88.63

Notes: * -Based upon arbitrary site base elevation of 100.00 feet

** - Well was not installed at the time of sampling

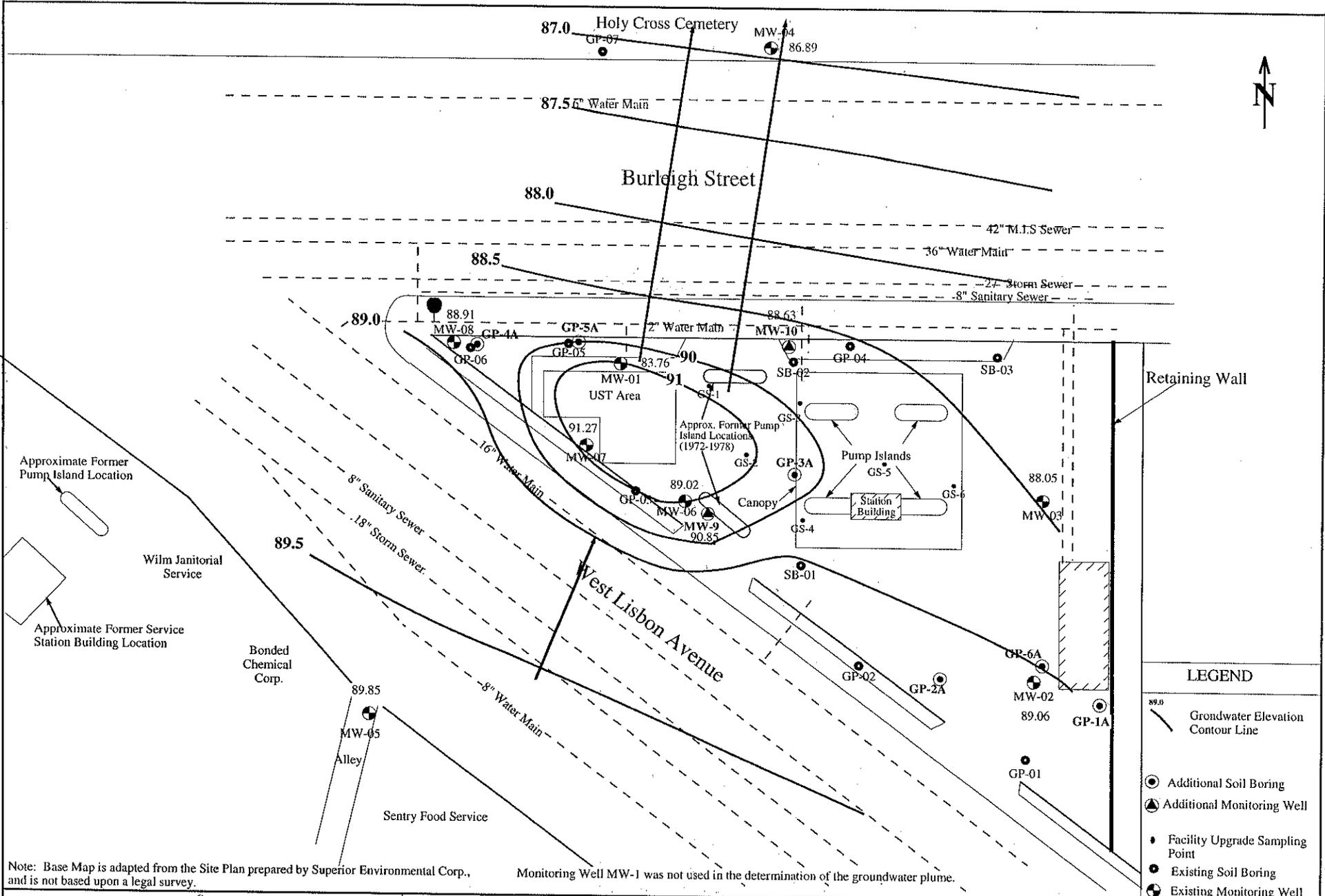
NT= Depth to water not taken

NA= Data not available

Depth to water readings 10/92 were taken by Econotech Midwest, Inc.

Depth to water readings 1993 through 1996 were taken by Superior Environmental Corp.

Depth to water readings in 1997 were taken by ATC Associates



Note: Base Map is adapted from the Site Plan prepared by Superior Environmental Corp., and is not based upon a legal survey.

<p>Owner A & A Petroleum, Inc.</p>		<p>Engineer K. SINGH & ASSOCIATES, INC., Engineers & Environmental Management Consultants 1135 Legion Drive, Elm Grove, Wisconsin 53122, (414) 821-1171</p>		<p>Figure 2. Groundwater Elevations</p>			
<p>PROJECT LOCATION Former Total Station #2424 7110 West Lisbon Avenue Milwaukee, WI 53210</p>				<p>Date February 6, 1998</p>	<p>Drawn by M.J.P.</p>	<p>Project no. 4272</p>	<p>Date</p>
				<p>SCALE 0 20 40</p>		<p>Checked by P.N.S.</p>	

Holy Cross Cemetery
 GP-07 $\angle 1-2$ MW-04



Burleigh Street

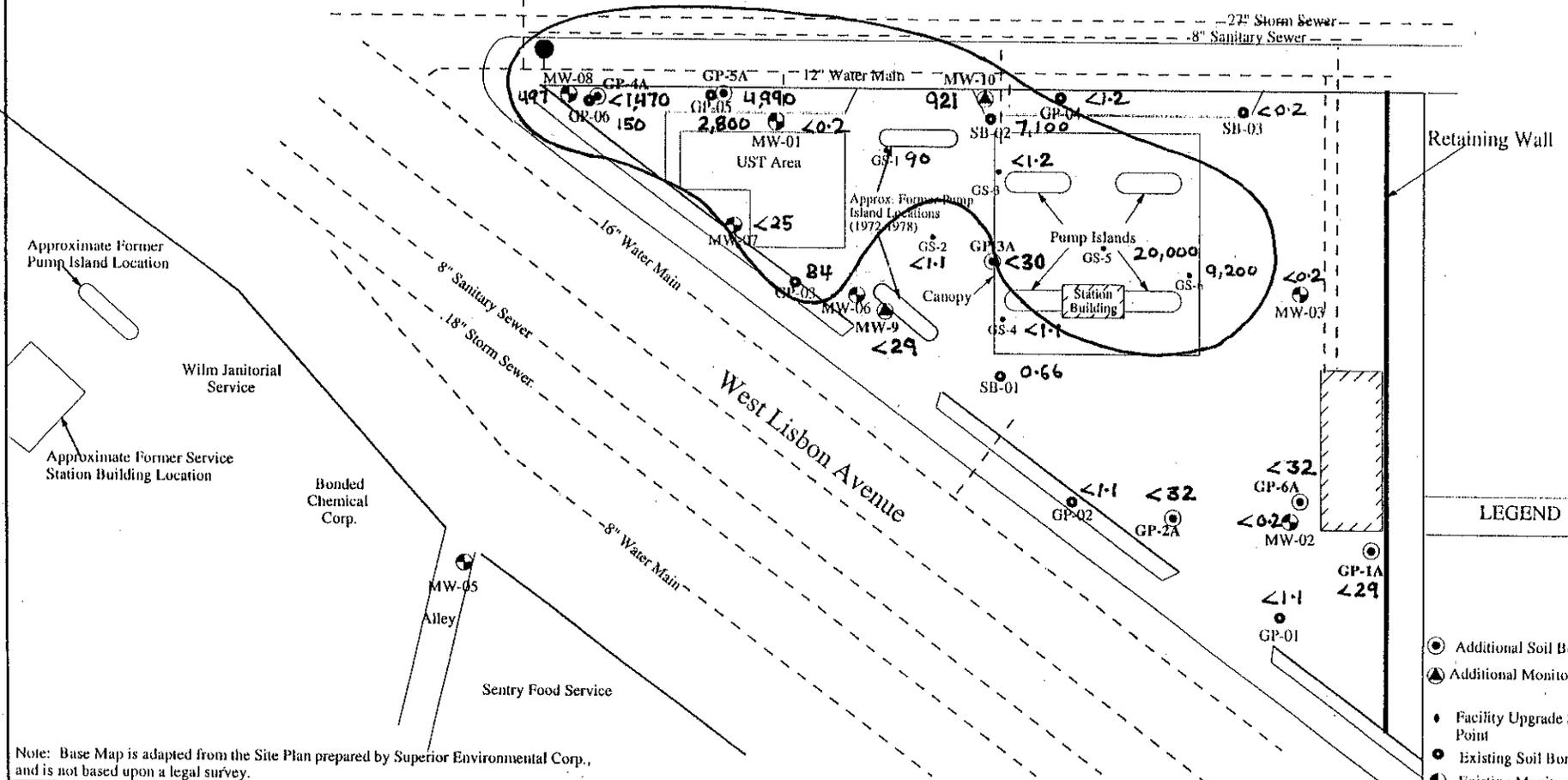
36" Water Main

42" M.T.S. Sewer

36" Water Main

27" Storm Sewer

8" Sanitary Sewer



Retaining Wall

LEGEND

- Additional Soil Boring
- Additional Monitoring Well
- Facility Upgrade Sampling Point
- Existing Soil Boring
- Existing Monitoring Well

Note: Base Map is adapted from the Site Plan prepared by Superior Environmental Corp., and is not based upon a legal survey.

<p>OWNER A & A Petroleum, Inc.</p>
<p>PROJECT LOCATION Former Total Station #2424 7110 West Lisbon Avenue Milwaukee, WI 53210</p>

<p>Engineer K. SINGH & ASSOCIATES, INC., Engineers & Environmental Management Consultants 1135 Legion Drive, Elm Grove, Wisconsin 53122, (414) 821-1171</p>

<p>Figure 2. Extent of Residual Soil Contamination</p>			
<p>Date February 6, 1998</p>	<p>Drawn by M.J.P.</p>	<p>Project no. 4272</p>	<p>Date</p>
<p>SCALE </p>		<p>Checked by P.N.S.</p>	

FIGURE 4

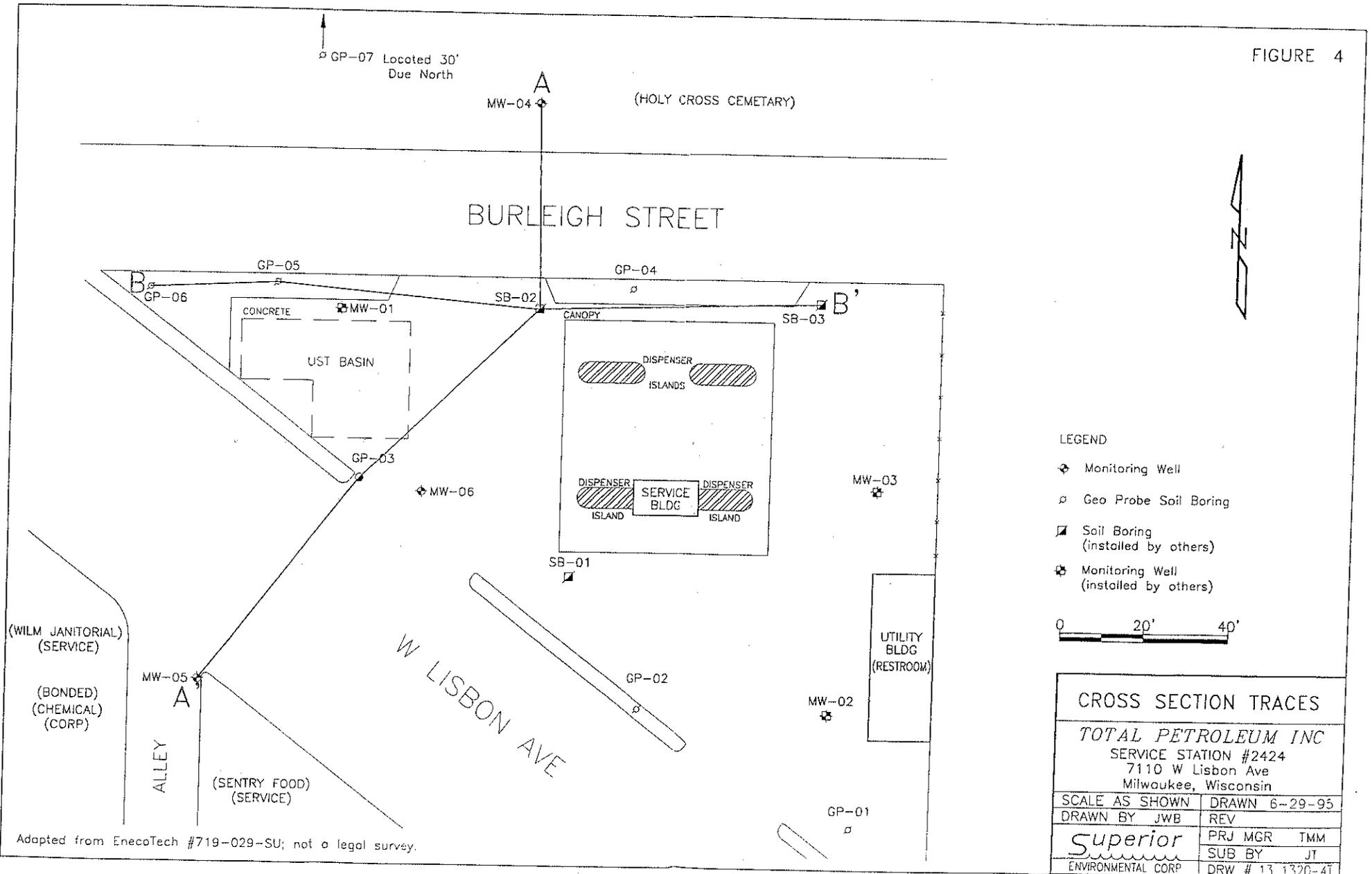
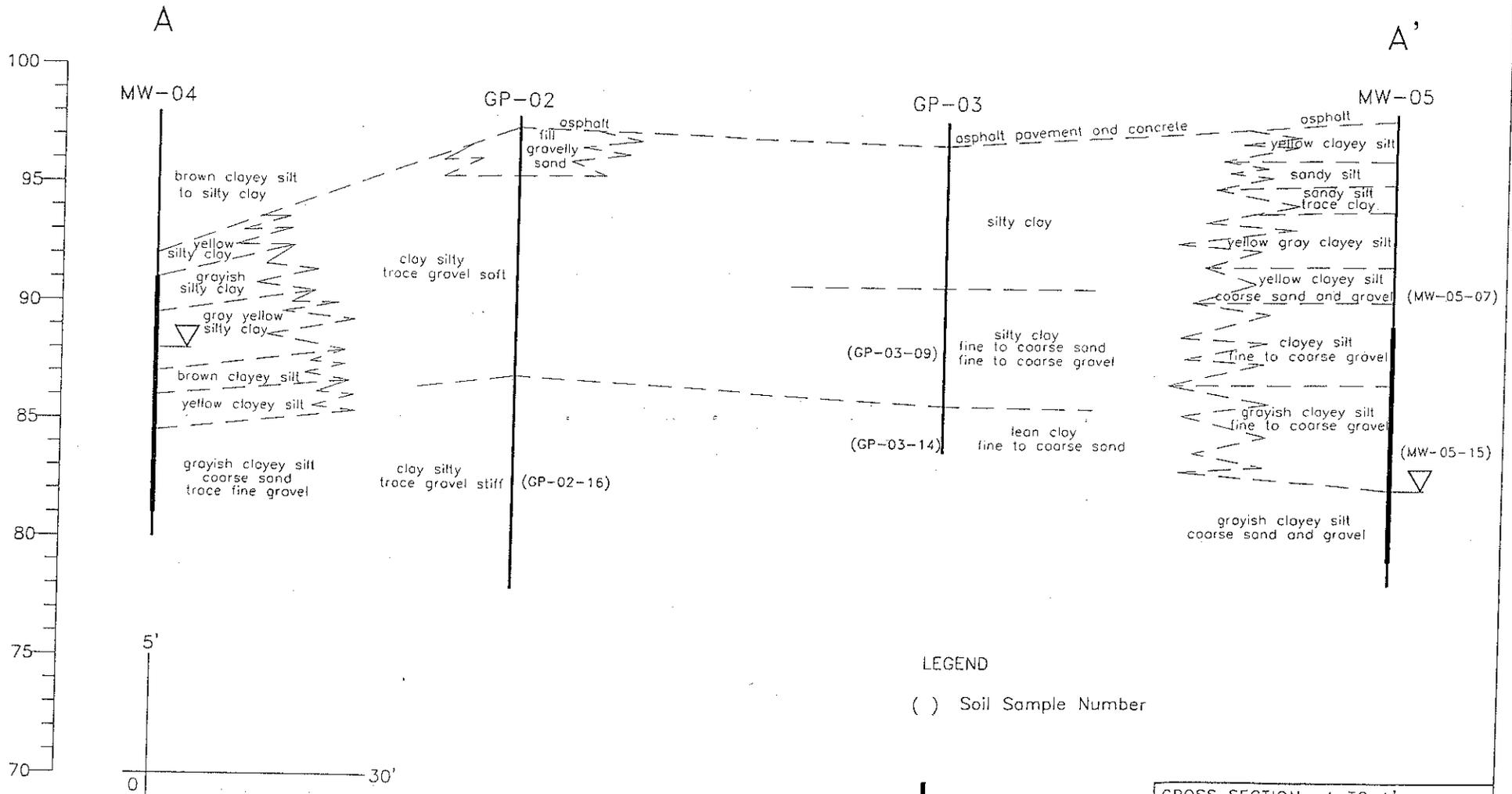


FIGURE 5



LEGEND
 () Soil Sample Number

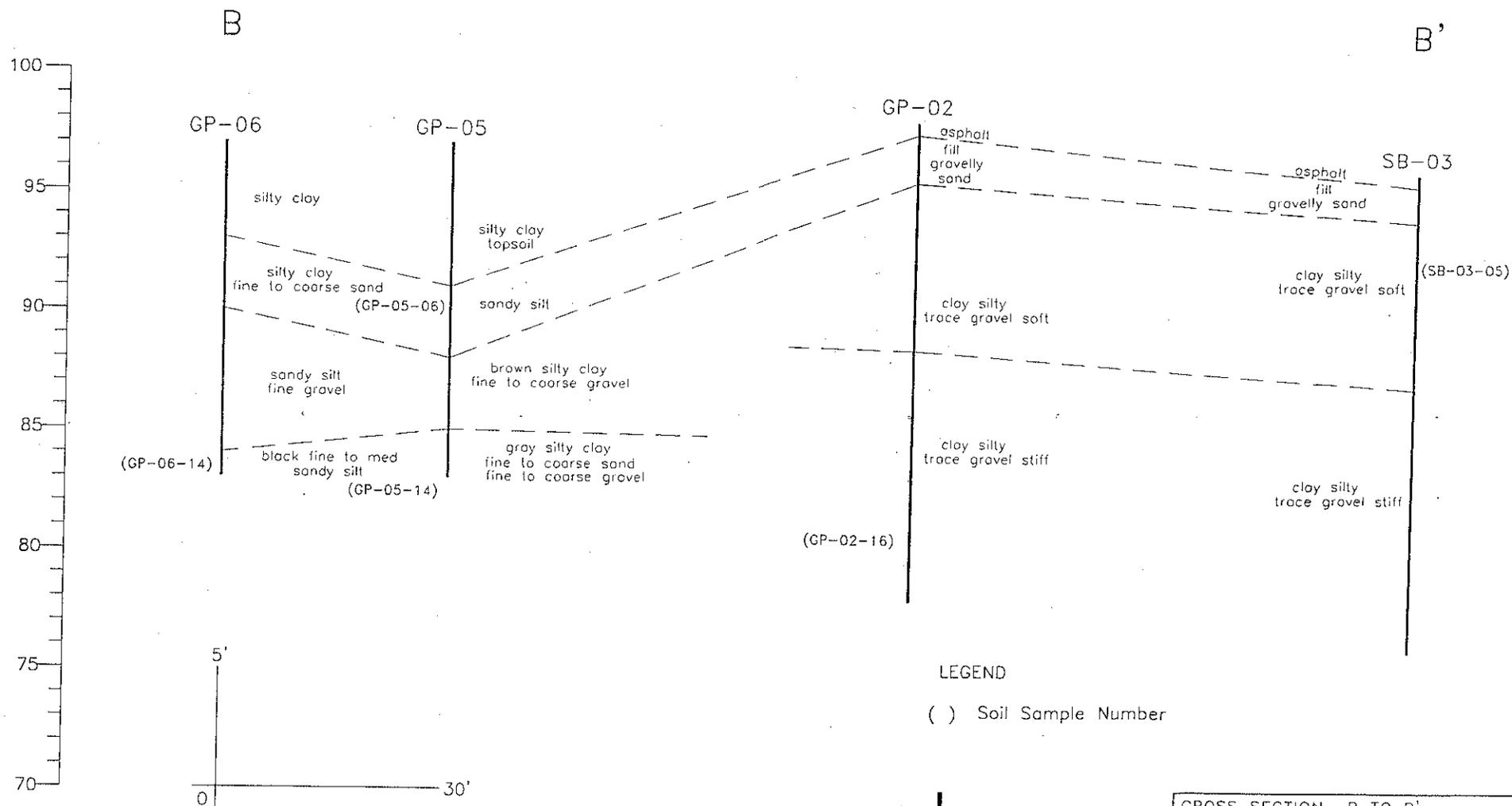
┆ Screen
 ▽ Static Water Level

CROSS SECTION A TO A'			
TOTAL PETROLEUM INC #2424			
SCALE	AS SHOWN	SUB BY	JT
Superior		DRAWN BY	JWB
ENVIRONMENTAL CORP		DRAWN	6-29-95
		DRW #	13 1320-10

REFER TO SOIL BORING LOGS FOR MORE INFORMATION

FIGURE 6

B'



REFER TO SOIL BORING LOGS FOR MORE INFORMATION

CROSS SECTION B TO B'			
TOTAL PETROLEUM INC #2424			
SCALE	AS SHOWN	SUB BY	JT
Superior		DRAWN BY	JWB
ENVIRONMENTAL CORP		DRAWN	6-30-95
		DRW #	13 1320-11

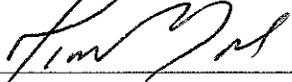
Certification of Legal Descriptions

Parcel Identification Number: 304-9983-100-1

7001 West Lisbon Avenue, Milwaukee, WI 53210

A parcel of the land in the Northwest $\frac{1}{4}$ of Section 15, Town 7 North, Range 21 East, in the City of Milwaukee, Milwaukee County, Wisconsin, bounded and described as follows: Commencing at a point which is 745.17 feet West and 33.00 feet South of the Northeast corner of said $\frac{1}{4}$ Section; thence east along the South line of West Burleigh Road, 214.33 feet to the point of intersection with the Northerly line of West Lisbon Avenue; thence South 55 degrees 31 minutes East along the Northerly line of West Lisbon Avenue; 317.02 feet to a point; thence Northerly and parallel to the East line of said $\frac{1}{4}$ Section, 34.30 feet to a point; thence Northwesterly, 70.14 feet to a point; thence Northerly and parallel to the East line of said $\frac{1}{4}$ Section, 95.00 feet to the point of commencement.

I MIRZA FANIH BEG certify that the legal description provided above and on the attached Warranty Deed is complete and accurate to the best of my knowledge. The legal description correctly describes the parcel affected by petroleum releases from 7110 West Lisbon Avenue, Milwaukee, Wisconsin.

Signature 

Title OWNER

Date 6/20/05



K. SINGH & ASSOCIATES, INC.

Engineers, Scientists and Environmental Management Consultants

June 21, 2005

Mr. Jeffrey S. Polenske, P.E.
City Engineer
Room 701
841 North Broadway
Milwaukee, WI 53202

Project #4272

Subject: Notification of Residual Contamination within Right-of Way of Burleigh Street along Former Total Station #2424, 7110 W. Lisbon Avenue, Milwaukee, WI (BRRS #03-410002733, COMMERCE #53210-1144-10)

Dear Mr. Polenske:

The purpose of this letter is to notify City of Milwaukee regarding potential residual petroleum contamination in soil and groundwater within the right-of-way of Burleigh Street along 7110 W. Lisbon Avenue, Milwaukee, WI.

Elevated petroleum contamination was noted in borings GP-5A and MW-10 performed during remedial investigation (refer to Figure 1). Soil quality test results are included in Table 1. Due to elevated petroleum contamination in soil borings GP-5A and MW-10 in the past, there is a potential for residual contamination within right-of-way of Burleigh Street along south side walk.

Elevated benzene concentrations in groundwater in monitoring wells MW-1 and MW-10 indicate that there is a potential for migration of petroleum contamination in groundwater towards the right-of-way of Burleigh Street (refer to Figure 1). However, plume of petroleum contamination in groundwater appears to be either stable or decreasing. Groundwater quality test results are summarized in Table 2.

We notify the above details for your information and records. It is our understanding that the residual contamination will be remediated by natural attenuation. Please call us if you have any questions regarding this submittal.

Sincerely,

K. SINGH & ASSOCIATES, INC.

Mukesh Kumar Jain
Mukesh K. Jain, Ph.D.
Project Engineer

Pratap N. Singh
Pratap N. Singh, Ph.D., P.E.
Project Manager

cc: Mr. Fahim Beg / Lisbon Citgo, 7110 West Lisbon Avenue, Milwaukee, WI 53210