

GIS REGISTRY INFORMATION

SITE NAME:	Amoco Station #15175		
BRRTS #:	03-41-005161		FID # (if appropriate):
COMMERCE # (if appropriate):	53202-2903-25		
CLOSURE DATE:	March 5, 2003		
STREET ADDRESS:	1425 N. Farwell		
CITY:	Milwaukee		
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	X = 691307	Y = 288339	
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"/>	<input checked="" 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			<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 (if referenced in the legal description) for all affected properties			<input checked="" type="checkbox"/>
County Parcel ID number, if used for county, for all affected properties			<input checked="" type="checkbox"/>
Location Map which 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 (8.5x14" if paper copy). 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. (8.5x14", if paper copy) 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), if required for site investigation (SI) (8.5x14" if paper copy). 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 checked="" type="checkbox"/>
Geologic cross-sections, if required for SI. (8.5x14' if paper copy)			<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"/>
Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure			<input type="checkbox"/>



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>
Jim Doyle, Governor
Cory L. Nettles, Secretary

March 5, 2003

Mr. Ray Stoelting
BP Products North America, Inc.
P.O. Box 642
Chanhassen, MN 55317-9998

RE: **Final Closure**

Commerce # 53202-2903-25 WDNR BRRTS # 03-41-005161
Amoco Station #15175, 1425 N. Farwell Ave., Milwaukee

Dear Mr. Stoelting:

The Wisconsin Department of Commerce (Commerce) has received all items required for closure of the site referenced above. This site is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System Registry of Closed Remediation Sites to address residual soil and groundwater contamination.

It is in your best interest to keep all documentation related to the environmental activities at your site. If residual contamination is encountered in the future, appropriate measures must be implemented to assure that it is managed following all applicable regulations. 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.

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) 220-5403.

Sincerely,

A handwritten signature in cursive script that reads 'Lee R. Delcore'.

Lee R. Delcore
Hydrogeologist
Site Review Section

cc: Delta Environmental Consultants, Inc.
Case File



FEB 08 2001
RECEIVED

ENVIRONMENTAL & REGULATORY SERVICES
101 West Pleasant Street Suite 205
Milwaukee, Wisconsin 53212
TDD #: (608) 264-8777
Fax: (414) 220-5374
www.commerce.state.wi.us
Scott McCallum, Governor
Brenda J. Blanchard, Secretary

February 6, 2001

32140

Raymond Stoelting
Environmental Business Manager
BP Amoco Corp. Twin Cities Terminal
2288 West County Road C
Roseville, Minnesota 55113

RE: COMMERCE # 53202-2903-25
Amoco #15175, 1425 N. Farwell Ave., Milwaukee, WI 53202

Petroleum contamination discovered during soil testing in 1991

Case Closure (conditional upon receipt of documentation)

Dear Mr. Stoelting:

On June 30, 2000, the Department of Natural Resources transferred the above-referenced case to the Wisconsin Department of Commerce for regulatory oversight. On January 4, 2001, we received a request for case closure.

Using the standards established in NR 700, and the risk criteria of Comm 46, the Department has determined that this site does not pose a significant threat to the environment and human health, and no further investigation or remedial action is necessary. In making this determination, I reviewed the following documents prepared by Delta Environmental Consultants, as well as previous reports and other information in the case file.

- *Tank Closure and Excavation Report*, June 1, 1999
- *Case summary and Closure Request*, January 3, 2001

If, in the future, site conditions indicate that any contamination that might remain poses a threat, the need for further remediation would be determined and required if necessary. If 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.

IMPORTANT: we cannot list this case as "closed" on our computer database until we receive the following items. Please submit them to my attention at the letterhead address.

Raymond Stoelting

RE: COMMERCE # 53202-2903-25

Amoco #15175

1425 N. Farwell Ave., Milwaukee, WI 53202

February 6, 2001

Page 2

1. A notification must be placed on the property deed of 1425 North Farwell Avenue in Milwaukee. The notice must address residual soil and groundwater impacts. For case closure we will need a copy of the deed notification which contain the County Register of Deeds' recording information.

Enclosed is an example of a "Notice of Contamination to Property" for your use. You may attach a map and/or tables if you wish. If you wish to modify the language, please submit a copy to this office for review prior to filing.

2. The municipal clerk and municipal department or state agency responsible for North Farwell Avenue must be notified of potentially impacted soil/groundwater beneath North Farwell Avenue and within the North Farwell Avenue right-of-way adjacent to 1425 North Farwell Avenue. Please send us a copy of the letter containing the notification of the potential impacts.
3. The owner of the property adjacent to (north of) the subject site must be notified of potentially impacted soil/groundwater beneath their property. Please send us a copy of the letter containing the notification of the potential impacts.
4. Please provide abandonment documentation for monitoring wells GM0W-1 through 3.

Thank you for your efforts in the protection of the environment. If you have any questions, please call me at (414) 220-5372.

Sincerely,



Nancy S. Kochis
Hydrogeologist
PECFA Site Review Section

enclosure

cc: ✓ Scott Rademaker, Delta Environmental Consultants (with enclosure)
electronic case file



17500 W. Liberty Lane
Suite A
New Berlin, WI 53146-2109
U.S.A.
262/789-0254
FAX: 262/789-5483

February 12, 2001

Mr. Heath Erdman
Blue Dog Bagels
1441 North Farwell Avenue
Milwaukee, Wisconsin 53202

Subject: Notification of Potential Residual Petroleum Contamination on Property Adjacent to:
Former Amoco Service Station No. 15175
1425 North Farwell Avenue, Milwaukee, WI
Commerce No. 53202-2903-25
Delta Project No. 32140

Dear Mr. Erdman:

Delta Environmental Consultants, Inc. has prepared this letter on behalf of Amoco Oil Company. A release of petroleum to the subsurface was identified at the above referenced former Amoco service station in 1991. The subject property is located directly south of your property located at **1441 North Farwell Avenue, Milwaukee, WI.**

The petroleum release has been investigated, it has been established that remediation by natural attenuation is occurring, and a request for case closure was submitted to the Wisconsin Department of Commerce (Commerce), who has regulatory jurisdiction for the subject site. Commerce has determined that this site does not pose a significant threat to the environment and human health and, consequently, has granted case closure to the above referenced petroleum remediation site. As part of the closure, Commerce has requested that the adjacent property owner be notified of potential residual petroleum impacts associated with the subject site. A copy of the Commerce closure letter is attached. The following information is intended to meet the notification requirement requested by Commerce.

Soil analytical results for soil boring/sample locations (GP-3, GP-4, and UST1N) located within 25 feet of your property are summarized on Table 1. Soil sample locations are shown on Figure 1. Residual petroleum compounds in soil were detected in soil sample UST1N, collected adjacent to the north end of former underground storage tank 1. Petroleum hydrocarbons were not detected in soil borings GP-3 and GP-4, located in the Farwell Avenue right-of-way, immediately north and south of your property.

Groundwater analytical results for the most recent samples collected adjacent to your property (GMOW-2 and GP-4) are summarized on Table 2. Groundwater sample locations are shown on Figure 2. Petroleum compounds dissolved in groundwater were detected in GMOW-2 at concentrations above Wisconsin State standards. State standards were not exceeded in GP-4. As mentioned previously, Commerce has determined that the residual petroleum hydrocarbons remaining at the site do not pose a significant threat to the environment and human health.

Mr. Heath Erdman
Re. Former Amoco Station No. 15175
February 12, 2001
Page 2

Should you have any questions or require additional information regarding this site, please do not hesitate to contact me at (262) 827-4819. You may also contact Ms. Nancy Kochis of the Wisconsin Department of Commerce at (414) 220-5372.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.

A handwritten signature in black ink, appearing to read "Lisa Noblet", written in a cursive style.

Lisa Noblet
Project Geologist

Attachments

c: Ray Stoelling - Amoco
Nancy Kochis - Commerce

7685649
Document Number

QUIT CLAIM DEED

REEL 4498 IMAG 1212

Garrett McIntosh quit-claims to 9116 LLC, a Wisconsin limited liability company, the following described real estate in Milwaukee County, State of Wisconsin:

REGISTER'S OFFICE }
Milwaukee County, WI } SS
RECORDED AT _____ 10 25 AM

FEB 12 1999
REEL 4498 IMAGE 1212-1213
Walter R. C... REGISTER
OF DEEDS

See Exhibit "A" attached hereto and incorporated herein by this reference.

Recording Area
Name and Return Address

Craig A. Caliendo
Whyte Hirschboeck Dudek S.C.
111 E. Wisconsin Avenue, Suite 2100
Milwaukee, WI 53202

FEE
77.25 (65)
EXEMPT

359-0225-120-9
(Parcel Identification Number)

7685649 #
RECORD 12.00

This is not homestead property.

Dated this 27th day of January, 1999.

Garrett McIntosh
Garrett McIntosh

AUTHENTICATION

Signature(s) Garrett McIntosh

authenticated this 27th day of January, 1999.

[Signature]
signature
Craig A. Caliendo
type or print name

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Craig A. Caliendo
Whyte Hirschboeck Dudek

ACKNOWLEDGMENT

STATE OF _____ COUNTY

Personally came before me this _____ day of _____
the above named _____
to me known to be the person(s) who executed the foregoing instrument and acknowledge the same.

signature
type or print name _____

Notary Public _____ County,
My commission is permanent. (If not, state expiration date: _____ 19__.)

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

1200

That part of Lot 3 in Block 198 in Roger's Addition of Fractional Lots 7 and 8 of Section 21, Town 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, which is bounded by a line commencing at the Northwest corner of said Lot 3 and running thence Easterly along the Northeast boundary line of said Lot to North Farwell Avenue; thence Southwesterly along said North Farwell Avenue 30 feet to a point; thence Northwesterly parallel with said Northeasterly boundary line to North Franklin Place; thence North along North Franklin Place to the place of beginning.

ALSO commencing at a point in said Lot on the West side of Farwell Avenue 30 feet Southwest from the North line of said Lot; thence Southwesterly along the Northwesterly line of said Farwell Avenue 30 feet; thence Northwesterly along a line parallel with the Northeasterly line of said Lot to a point on the West side of said Lot 3; thence Northerly along the East side of Franklin Place, 1/2 the distance to the Northwest corner of said Lot; thence Southeasterly along a line parallel with and 30 feet Southwesterly from the Northeasterly line of said Lot to the point of beginning.

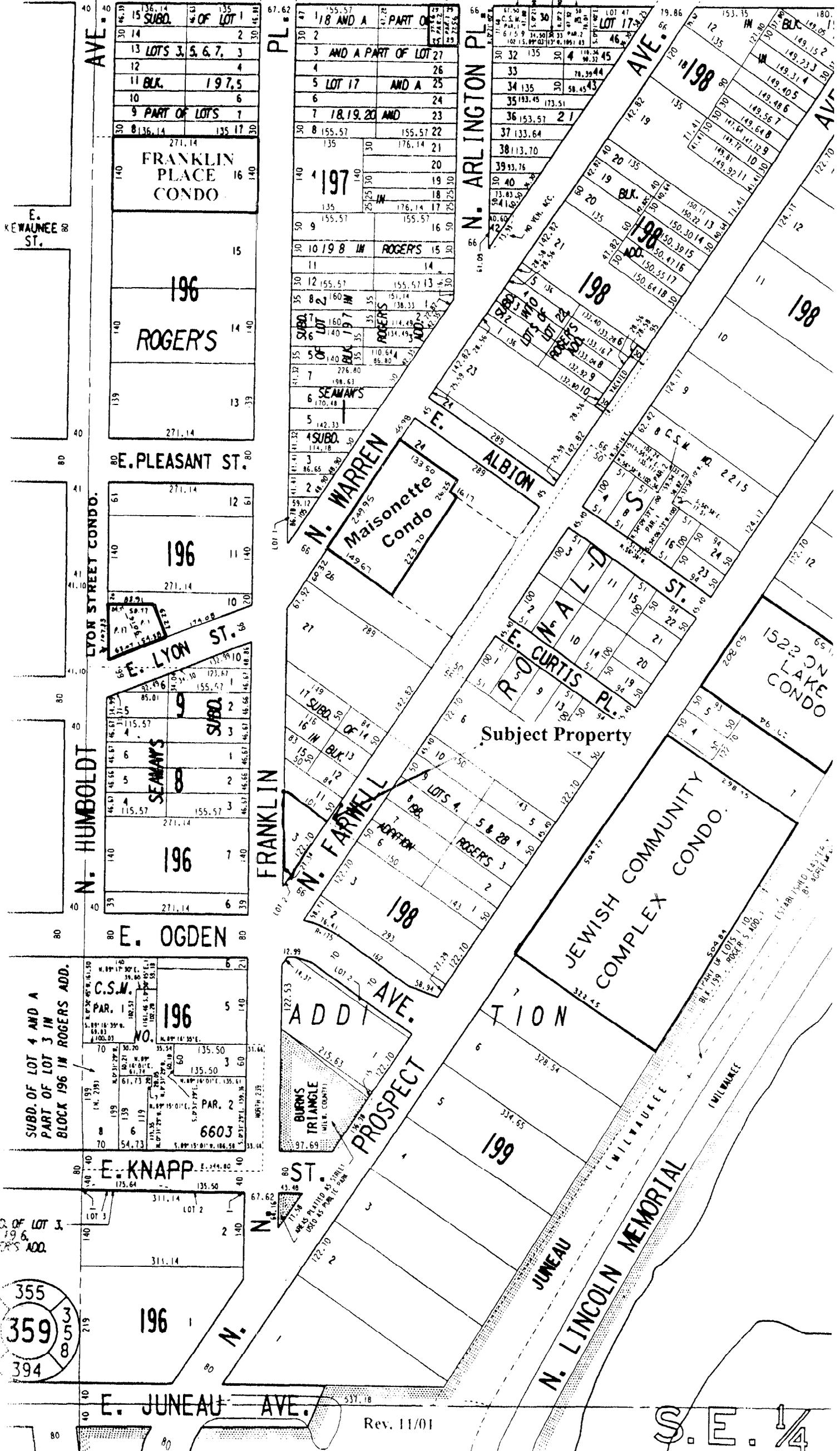
ALSO:

Beginning at a point where the South boundary line of said Lot intersects Farwell Avenue; thence Northeasterly along said Farwell Avenue, (62.7'); thence Northwesterly along a line parallel with the Northeasterly boundary line of said Lot 3 to the East line of Franklin Street; thence South along Franklin Street to the South boundary line of said Lot 3; thence Southeasterly along said line to beginning. EXCEPT that part described in Quit Claim Deed dated August 22, 1990 and recorded August 31, 1990, on Reel 2485, Image 1388, as Document No. 6412788.

ALSO Lot 11 in D.P. Hull's Subdivision of Lots 4, 5 and 28 in Block 198 in Rogers Addition in the Southeast 1/4 of Section 21, Town 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin.

Tax Key No. 359-0225-120-9

ADDRESS: 1425 N. Farwell Avenue



AVE.

PL.

N. ARLINGTON PL.

AVE.

LYON STREET CONDO.

N. HUMBOLDT

FRANKLIN

N. WARREN

N. FARMELL

N.

ALBION

R. CURTIS PL.

JEWISH COMMUNITY COMPLEX CONDO.

ADDI AVE.

PROSPECT

N. LINCOLN MEMORIAL

FRANKLIN PLACE CONDO

196 ROGERS'S

196

196

196

196

197

198

198

199

Subject Property

SUBD. OF LOT 4 AND A PART OF LOT 3 IN BLOCK 196 IN ROGERS ADD.

C.S.N. NO. 6603

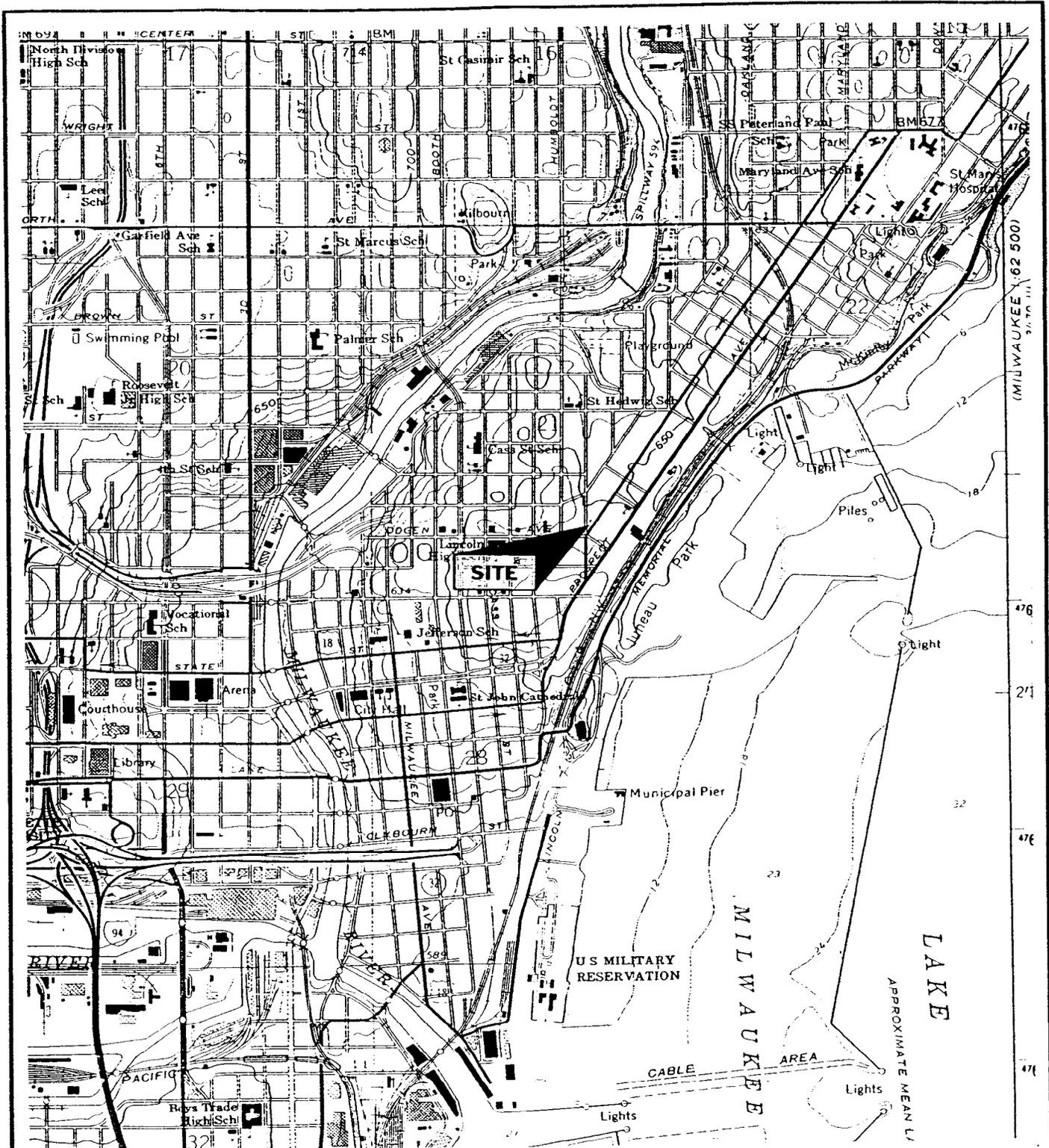
BURNS TRIANGLE (MILWAUKEE COUNTY)

1522 ON LAKE CONDO

355
359
394

Parcel Identification Number

Subject Property– 359-0225-120-9



MILWAUKEE QUADRANGLE
 MILWAUKEE COUNTY - WISCONSIN
 7.5 MINUTE SERIES (TOPOGRAPHIC)



QUADRANGLE LOCATION

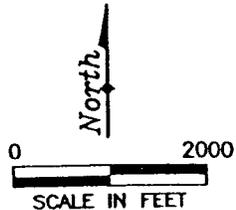


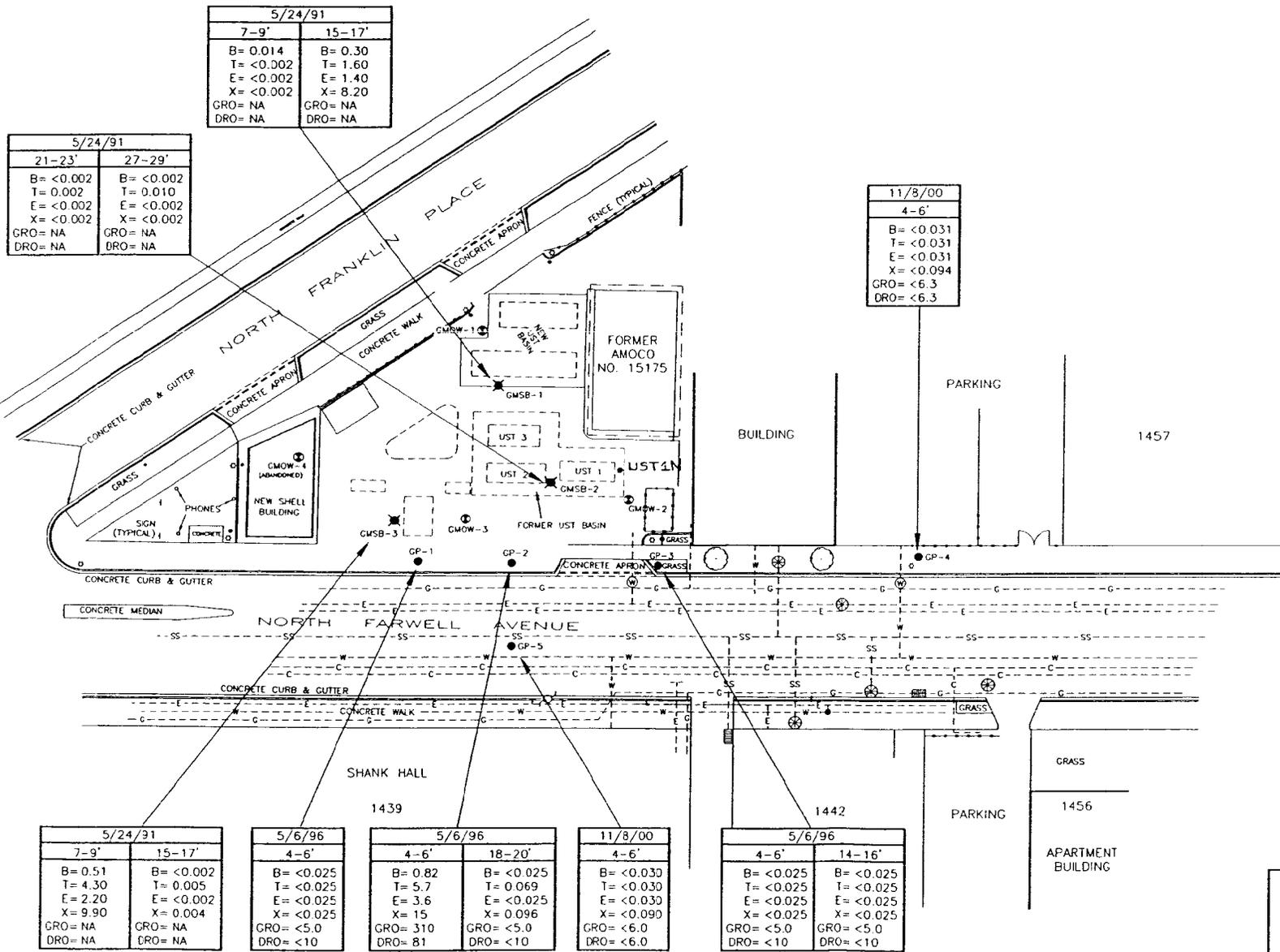
FIGURE 1
SITE LOCATION MAP
 AMOCO SERVICE STATION No. 15175
 1425 NORTH FARWELL AVENUE
 MILWAUKEE, WISCONSIN

PROJECT NO. 1095-830	PREPARED BY EGZ
DATE 10/16/96	REVIEWED BY



Geographical Position for Subject Property

WTM Coordinates: 691307, 288339



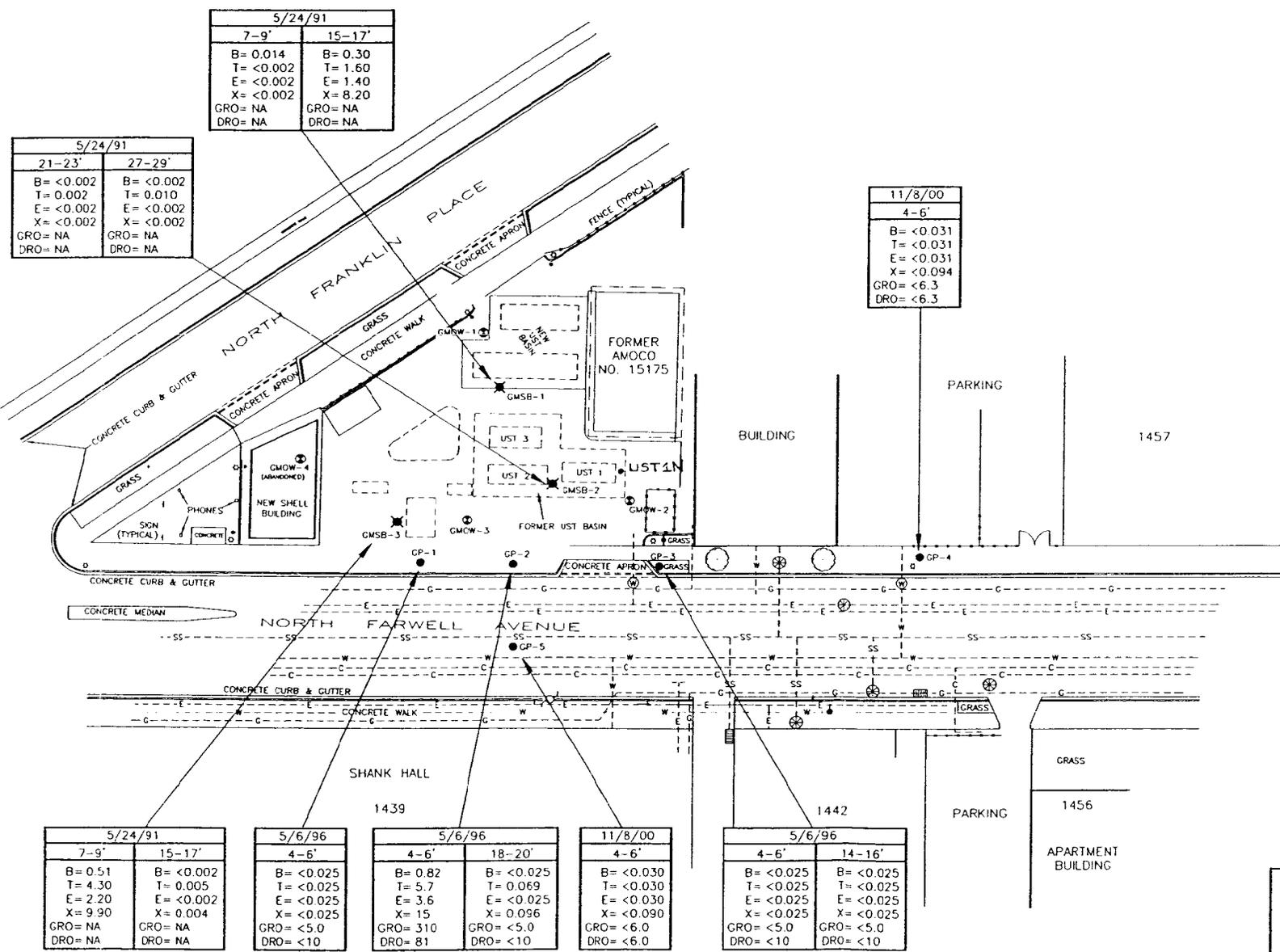
- LEGEND:**
- ⊙ MONITORING WELL LOCATION
 - ⊗ SOIL BORING LOCATION
 - GEOPROBE LOCATION
 - UST-1 FORMER 8,000 GALLON FIBERGLASS UST
 - UST-2 FORMER 8,000 GALLON STEEL UST
 - UST-3 FORMER 6,000 GALLON FIBERGLASS UST
 - E--- UNDERGROUND ELECTRIC LINE
 - G--- UNDERGROUND GAS LINE
 - W--- UNDERGROUND WATER LINE
 - C--- CABLE TV LINE
 - SS--- SANITARY/STORM SEWER LINE
 - ☐ CATCH BASIN
 - ⊗ MANHOLE
 - ⦿ FIRE HYDRANT
 - ⊙ WATER VALVE
 - ⊕ POWER POLE
 - ⊛ LIGHT POLE
- | | |
|-------|-------------------------|
| DATE | SAMPLE DATE |
| DEPTH | SAMPLE DEPTH (FEET) |
| B= | BENZENE |
| T= | TOLUENE |
| E= | ETHYLBENZENE |
| X= | TOTAL XYLENES |
| GRO= | GASOLINE RANGE ORGANICS |
| DRO= | DIESEL RANGE ORGANICS |
- RESULTS REPORTED IN MILLIGRAMS PER KILOGRAM
NA = NOT ANALYZED

FIGURE 1
SOIL CHEMICAL CONCENTRATION MAP
AMOCO SERVICE STATION No. 15175
1425 NORTH FARWELL AVENUE
MILWAUKEE, WISCONSIN



PROJECT NO. 3214-006	PREPARED BY SR	DRAWN BY DD
DATE 12/14/00	REVIEWED BY	FILE NAME 3124-006





LEGEND:

- MONITORING WELL LOCATION
 - SOIL BORING LOCATION
 - GEOPROBE LOCATION
 - UST-1 FORMER 8,000 GALLON FIBERGLASS UST
 - UST-2 FORMER 8,000 GALLON STEEL UST
 - UST-3 FORMER 6,000 GALLON FIBERGLASS UST
 - E--- UNDERGROUND ELECTRIC LINE
 - G--- UNDERGROUND GAS LINE
 - W--- UNDERGROUND WATER LINE
 - C--- CABLE TV LINE
 - SS--- SANITARY/STORM SEWER LINE
 - CATCH BASIN
 - MANHOLE
 - FIRE HYDRANT
 - WATER VALVE
 - POWER POLE
 - LIGHT POLE
- | | |
|-------|-------------------------|
| DATE | SAMPLE DATE |
| DEPTH | SAMPLE DEPTH (FEET) |
| B= | BENZENE |
| T= | TOLUENE |
| E= | ETHYLBENZENE |
| X= | TOTAL XYLENES |
| GRO= | GASOLINE RANGE ORGANICS |
| DRO= | DIESEL RANGE ORGANICS |

RESULTS REPORTED IN MILLIGRAMS PER KILOGRAM
 NA = NOT ANALYZED

FIGURE 1
 SOIL CHEMICAL CONCENTRATION MAP
 AMOCO SERVICE STATION No. 15175
 1425 NORTH FARWELL AVENUE
 MILWAUKEE, WISCONSIN

PROJECT NO. 3214-006	PREPARED BY SR	DRAWN BY DD
DATE 12/14/00	REVIEWED BY	FILE NAME 3124-006



5/24/91		5/6/96		5/6/96		11/8/00		5/6/96	
7-9'	15-17'	4-6'		4-6'	18-20'	4-6'		4-6'	14-16'
B= 0.51	B= <0.002	B= <0.025	B= <0.025	B= 0.82	B= <0.025	B= <0.030	B= <0.030	B= <0.025	B= <0.025
T= 4.30	T= 0.005	T= <0.025	T= <0.025	T= 5.7	T= 0.069	T= <0.030	T= <0.030	T= <0.025	T= <0.025
E= 2.20	E= <0.002	E= <0.025	E= <0.025	E= 3.6	E= <0.025	E= <0.030	E= <0.030	E= <0.025	E= <0.025
X= 9.90	X= 0.004	X= <0.025	X= <0.025	X= 15	X= 0.096	X= <0.090	X= <0.090	X= <0.025	X= <0.025
GRO= NA	GRO= NA	GRO= <5.0	GRO= <5.0	GRO= 310	GRO= <5.0	GRO= <6.0	GRO= <6.0	GRO= <5.0	GRO= <5.0
DRO= NA	DRO= NA	DRO= <10	DRO= <10	DRO= 81	DRO= <10	DRO= <6.0	DRO= <6.0	DRO= <10	DRO= <10

Table 1
Soil Analytical Results
Former Amoco Service Station No. 15175
1425 N. Farwell Avenue, Milwaukee, WI
Delta Project No. 32140

05/24/91				Analytical Parameters									
Boring	Sample Depth feet	Sample Depth Relative to Water Table	PID ppm	Benzene mg/kg	Toluene mg/kg	Ethyl benzene mg/kg	Xylenes mg/kg	1,3,5-TMB mg/kg	1,2,4 TMB mg/kg	MTBE mg/kg	GRO mg/kg	DRO mg/kg	Lead mg/kg
<i>NR 720 RCL</i>				<i>0.0055</i>	<i>1.5</i>	<i>2.9</i>	<i>4.1</i>				<i>100</i>	<i>100</i>	<i>50</i>
<i>NR 746 Table 1 Values</i>				<i>8.5</i>	<i>38</i>	<i>4.6</i>	<i>42</i>	<i>11</i>	<i>83</i>				
GMSB-1	7-9	below	0	0.014	<0.002	<0.002	<0.002	NA	NA	NA	NA	NA	NA
GMSB-1	15-17	below	1	0.30	1.60	1.40	8.20	NA	NA	NA	NA	NA	NA
GMSB-2	21-23	below	0	<0.002	0.002	<0.002	<0.002	NA	NA	NA	NA	NA	NA
GMSB-2	27-29	below	0	<0.002	0.010	<0.002	<0.002	NA	NA	NA	NA	NA	NA
GMSB-3	7-9	below	80	0.51	4.30	2.20	9.90	NA	NA	NA	NA	NA	NA
GMSB-3	15-17	below	0	<0.002	0.005	<0.002	0.004	NA	NA	NA	NA	NA	NA

05/06/96				Analytical Parameters									
Boring	Sample Depth feet	Sample Depth Relative to Water Table	PID ppm	Benzene mg/kg	Toluene mg/kg	Ethyl benzene mg/kg	Xylenes mg/kg	1,3,5-TMB mg/kg	1,2,4 TMB mg/kg	MTBE mg/kg	GRO mg/kg	DRO mg/kg	Lead mg/kg
<i>NR 720 RCL</i>				<i>0.0055</i>	<i>1.5</i>	<i>2.9</i>	<i>4.1</i>				<i>100</i>	<i>100</i>	<i>50</i>
<i>NR 746 Table 1 Values</i>				<i>8.5</i>	<i>38</i>	<i>4.6</i>	<i>42</i>	<i>11</i>	<i>83</i>				
GP-1	4-6	across	0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<5.0	<10	NA
GP-2	4-6	across	26.5	0.82	5.7	3.6	15	9.2	30	1.1	310	81 LB	NA
GP-2	18-20	below	1	<0.025	0.069	<0.025	0.096	0.100	0.2	<0.025	<5.0	<10	NA
GP-3	4-6	across	0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<5.0	<10	NA
GP-3	14-16	below	0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<5.0	<10	NA

Table 1
Soil Analytical Results
Former Amoco Service Station No. 15175
1425 N. Farwell Avenue, Milwaukee, WI
Delta Project No. 32140

09/2/98 Tank Closure				Analytical Parameters									
Sample ID	Sample Depth feet	Sample Depth Relative to Water Table	PID ppm	Benzene mg/kg	Toluene mg/kg	Ethyl benzene mg/kg	Xylenes mg/kg	1,3,5-TMB mg/kg	1,2,4 TMB mg/kg	MTBE mg/kg	GRO mg/kg	DRO mg/kg	Lead mg/kg
<i>NR 720 RCL</i>				0.0055	1.5	2.9	4.1				100	100	50
<i>NR 746 Table 1 Values</i>				8.5	38	4.6	42	11	83				
UST1N	12	below	207	1.2	0.039	5.7	7.4	2.5	21	3.6	53	NA	NA
UST12	12	below	228	1.5	0.24	6.6	9.3	1.7	11	5.7	68	NA	NA
UST2S	12	below	51	<0.029	<0.029	0.55	1.2	0.15	0.46	1.5	<5.7	NA	NA
UST3N	12	below	43	<0.029	<0.029	<0.029	<0.086	<0.029	0.21	5.3	<5.7	NA	NA
UST3S	12	below	21	<0.029	<0.029	<0.029	<0.087	<0.029	<0.029	2.7	<5.8	NA	NA
PI1	1.5	above	47	0.37	0.32	<0.03	0.40	0.25	0.31	<0.03	<6.0	NA	NA
PI2	1.5	above	2.6	<0.027	<0.027	<0.027	<0.081	<0.027	<0.027	<0.027	5.4	NA	NA
PI3	1.5	above	0	<0.026	<0.026	<0.026	<0.079	<0.026	<0.026	<0.026	5.3	NA	NA
PI4	1.5	above	0	<0.027	<0.027	<0.027	<0.08	<0.027	<0.027	<0.027	5.3	NA	NA
PI5	1.5	above	0	<0.027	0.18	<0.027	0.15	0.098	0.36	<0.027	10	NA	NA
P1	1.5	above	0	0.032	0.032	0.032	0.096	0.13	0.2	0.032	<6.4	NA	NA
P2	1.5	above	0	<0.03	<0.03	<0.03	<0.089	<0.03	<0.03	<0.03	<5.9	NA	NA
P3	1.5	above	19	0.16	2.4	<0.029	3.2	5.3	5.6	<0.029	240	NA	NA
P4	1.5	above	0.3	<0.029	<0.029	<0.029	<0.088	<0.029	<0.029	<0.029	<5.9	NA	NA

11/17/98				Analytical Parameters									
Sample ID	Sample Depth feet	Sample Depth Relative to Water Table	PID ppm	Benzene mg/kg	Toluene mg/kg	Ethyl benzene mg/kg	Xylenes mg/kg	1,3,5-TMB mg/kg	1,2,4 TMB mg/kg	MTBE mg/kg	GRO mg/kg	DRO mg/kg	Lead mg/kg
<i>NR 720 RCL</i>				0.0055	1.5	2.9	4.1				100	100	50
<i>NR 746 Table 1 Values</i>				8.5	38	4.6	42	11	83				
Spoil 1	12	below	0.6	<0.055	<0.058	<0.058	<0.170	<0.058	<0.120	<0.120	<5.8	<13	7.31
Spoil 2	12	below	2.4	<0.061	<0.061	<0.061	<170	<0.061	<120	<120	6.1	<14	5.8

Table 3
Groundwater Analytical Results
Former Amoco Service Station No. 15175
1425 North Farwell Avenue
Milwaukee, WI
Delta Project No. 32140

GMOW-1		Analytical Parameters							Phase I Biodegradation Parameters						
Parameter/ Date Sampled	Benzene µg/L	Toluene µg/L	Ethyl- benzene µg/L	Total Xylenes µg/L	Total TMBs µg/L	MTBE µg/L	GRO µg/L	DRO µg/L	DO ppm	REDOX milli volts	Temp °C	Conductivity µmhos/cm	pH	Total Iron ppm	Soluble Iron ppm
<i>NR 140 ES</i>	<i>5.0</i>	<i>1000</i>	<i>700</i>	<i>10000</i>	<i>480</i>	<i>60</i>	-	-							
05/11/92	<0.4	<0.6	<0.8	<1.3	<0.7	<1.0	<50	<100	<i>Pb = <2 µg/L</i>						
10/20/93	<1.0	<1.0	<1.0	<2.0	<1.0	<4.0	<50	<100	NM	NM	NM	NM	NM	NM	NM
09/23/94	<1.0	<1.0	<1.0	<2.0	<1.0	<4.0	<50	NA	NM	NM	NM	NM	NM	NM	NM
04/13/95	<1.0	<1.0	<1.0	<2.0	<1.0	<4.0	<50	NA	NM	NM	NM	NM	NM	NM	NM
12/01/95	<1.0	<1.0	<1.0	<2.0	<1.0	<4.0	<50	NA	2.0	NM	16.0	4000	7.20	2.0	1.0
03/06/96	<1.0	<1.0	<1.0	<2.0	<1.0	<4.0	<50	NA	4.7	224	5.9	4100	6.99	0.1	0.0
06/11/96	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<100	NA	2.2	147	12.7	3820	6.72	0.3	0.2
12/17/96	<0.5	<2.0	<2.0	<4.0	<2.0	<2.0	<100	NA	1.6	133	8.5	1376	6.32	0.6	0.0
07/12/99	<0.2	<0.5	0.53	<1.0	<0.5	5.9	<50.0	NA	0.99	246	16.9	4860	6.26	<0.1	<0.1
07/11/00	<0.13	<0.20	<0.22	<0.23	<0.29	8.9	<50	<100	2.7	163	NM	NM	NM	2.0	0.6

Table 3
Groundwater Analytical Results
Former Amoco Service Station No. 15175
1425 North Farwell Avenue
Milwaukee, WI
Delta Project No. 32140

GMOW-2		Analytical Parameters							Phase 1 Biodegradation Parameters						
Parameter/ Date Sampled	Benzene µg/L	Toluene µg/L	Ethyl- benzene µg/L	Total Xylenes µg/L	Total TMBs µg/L	MTBE µg/L	GRO µg/L	DRO µg/L	DO ppm	REDOX milli volts	Temp °C	Conductivity µmhos/cm	pH	Total Iron ppm	Soluble Iron ppm
<i>NR 140 ES</i>	<i>5.0</i>	<i>1000</i>	<i>700</i>	<i>10000</i>	<i>480</i>	<i>60</i>	-	-							
05/11/92	610	<15	<20	1800	2260	420	11000	5900	<i>n-butylbenzene = 450 µg/L</i>		<i>Pb = <2 µg/L</i>				
10/20/93	5200	63	660	1400	2380	690	11000	1700	NM	NM	NM	NM	NM	NM	NM
09/23/94	4800	73	440	760	411	970	6500	NA	NM	NM	NM	NM	NM	NM	NM
04/13/95	3700	65	440	770	639	1400	8900	NA	NM	NM	NM	NM	NM	NM	NM
12/01/95	2800	410	740	1200	1080	17000	16000	4600	1.0	NM	15.0	7200	6.90	10+	8.0
03/06/96	2100	290	670	1100	880	31000	18000	NA	4.5	-062	5.6	7410	6.75	10+	10+
06/11/96	1800	<1000	<1000	<2000	<1000	29000	12000	NA	1.1	-076	13.0	7360	6.61	10 ++	10 +
12/17/96	780	20	300	342	402	16000	4700	NA	0.70	-106	8.4	2890	6.28	10++	10+
1998 Excavation of 1,700 tons of impacted soil during stations raze and rebuild															
07/12/99	600	38	373	561	1100	4150	5960	NA	0.85	42	22.5	5910	7.01	10+	10+
07/11/00	190	<2.0	120	120	500	3400	3800	3700	3.4	-064	NM	NM	NM	NM	10+
7/11/00 D	270	2.8	170	170	740	3200	4000	NA							

Table 3
Groundwater Analytical Results
Former Amoco Service Station No. 15175
1425 North Farwell Avenue
Milwaukee, WI
Delta Project No. 32140

GMOW-3		Analytical Parameters							Phase I Biodegradation Parameters						
Parameter/ Date Sampled	Benzene µg/L	Toluene µg/L	Ethyl- benzene µg/L	Total Xylenes µg/L	Total TMBs µg/L	MTBE µg/L	GRO µg/L	DRO µg/L	DO ppm	REDOX milli volts	Temp °C	Conductivity µmhos/cm	pH	Total Iron ppm	Soluble Iron ppm
<i>NR 140 ES</i>	<i>5.0</i>	<i>1000</i>	<i>700</i>	<i>10000</i>	<i>480</i>	<i>60</i>	-	-							
05/11/92	<0.4	<0.6	<0.8	<1.3	3.5	37	<50	NA	<i>n-butylbenzene = 450 µg/L</i>		<i>Pb = <2µg/L</i>				
10/20/93	3.1	<2.0	<2.0	<4.0	3.6	630	290	<100	NM	NM	NM	NM	NM	NM	NM
09/23/94	2.0	<2.0	<2.0	4.7	12.2	850	320	NA	NM	NM	NM	NM	NM	NM	NM
04/13/95	<2.0	<2.0	<2.0	<4.0	<2.0	780	410	NA	NM	NM	NM	NM	NM	NM	NM
12/01/95	<2.0	<2.0	<2.0	<4.0	4.7	610	330	NA	1.0	NM	15.0	5200	7.20	8.0	7.0
03/06/96	<2.0	<2.0	<2.0	4.6	5.9	640	340	NA	2.4	-037	5.2	6530	6.76	4.0	3.0
06/11/96	<10	<10	<10	<20	<10	600	380	NA	1.1	-021	11.6	5880	6.58	2.5	2.0
12/17/96	<0.5	<2.0	<2.0	<4.0	<2.0	540	350	NA	0.70	-013	9.2	1631	6.16	5.0	4.0
07/12/99	<1.0	<2.5	<2.5	<5.0	<2.5	664	439	NA	0.40	158	16.7	6920	6.13	3.0	3.0
07/11/00	<0.65	<1.0	<1.1	<1.2	<1.5	560	380	2200	2.80	-115	NM	NM	NM	NM	10++

Table 3
Groundwater Analytical Results
Former Amoco Service Station No. 15175
1425 North Farwell Avenue
Milwaukee, WI
Delta Project No. 32140

GMOW-4		Analytical Parameters							Phase I Biodegradation Parameters						
Parameter/ Date Sampled	Benzene µg/L	Toluene µg/L	Ethyl- benzene µg/L	Total Xylenes µg/L	Total TMBs µg/L	MTBE µg/L	GRO µg/L	DRO µg/L	DO ppm	REDOX milli volts	Temp °C	Conductivity µmhos/cm	pH	Total Iron ppm	Soluble Iron ppm
NR 140 ES	5.0	1000	700	10000	480	60									
05/11/92	<0.4	<0.6	<0.8	<1.3	<0.7	<1.0	<50	<100	Pb = <2 µg/L						
10/20/93	<1.0	<1.0	<1.0	<2.0	<1.0	<4.0	<50	<100	NM	NM	NM	NM	NM	NM	NM
09/23/94	<1.0	<1.0	<1.0	<2.0	<1.0	<4.0	<50	NA	NM	NM	NM	NM	NM	NM	NM
04/13/95	<1.0	<1.0	<1.0	<2.0	<1.0	<4.0	<50	NA	NM	NM	NM	NM	NM	NM	NM
12/01/95	<1.0	<1.0	<1.0	<2.0	<1.0	<4.0	<50	NA	2.0	NM	16.0	1900	7.70	5.0	3.0
03/06/96	<1.0	<1.0	<1.0	<2.0	<1.0	<4.0	<50	NA	2.4	-056	5.7	1750	7.14	>10	0.1
06/11/96	<2.0	<2.0	<2.0	<4.0	<2.0	4.0	<100	NA	1.2	005	12.8	241	7.03	3.5	2.0
12/17/96	<0.5	<2.0	<2.0	<4.0	<2.0	2.0	<100	NA	0.6	-011	9.0	1042	6.56	4.0	1.0
1999	Well abandoned during site raze and rebuild activities.														

GP-4		Analytical Parameters						
Parameter/ Date Sampled	Benzene µg/L	Toluene µg/L	Ethyl- benzene µg/L	Total Xylenes µg/L	Total TMBs µg/L	MTBE µg/L	GRO µg/L	DRO µg/L
NR 140 ES	5.0	1000	700	10000	480	60		
11/06/00	0.35	0.72	0.28	0.89	0.42	<2.1	<50	<100

GP-5		Analytical Parameters						
Parameter/ Date Sampled	Benzene µg/L	Toluene µg/L	Ethyl- benzene µg/L	Total Xylenes µg/L	Total TMBs µg/L	MTBE µg/L	GRO µg/L	DRO µg/L
NR 140 ES	5.0	1000	700	10000	480	60		
11/06/00	0.17	0.51	<0.22	0.28	<0.29	<0.16	<50	<180

Table 3
Groundwater Analytical Results
Former Amoco Service Station No. 15175
1425 North Farwell Avenue
Milwaukee, WI
Delta Project No. 32140

NOTES:

A full VOC scan was completed in May 1992. Only those compounds detected above laboratory detection limits are listed in this table.

<..... = less than the indicated laboratory method detection limit.

µg/L..... = micrograms per liter (parts per billion)

µmhos/cm..... = micromhos per centimeter

D..... = Duplicate sample for indicated date

DO..... = Dissolved Oxygen

DRO..... = Diesel Range Organics

E..... = exceeds calibration range of instrument

GRO..... = Gasoline Range Organics

MTBE..... = Methyl Tertiary Butyl Ether

NA..... = Not analyzed for indicated parameter

ND..... = Not detected

NM..... = Not measured

NR 140 ES..... = Rev. 03/00 Wisconsin Adm. Code Chap. NR 140 Enforcement Standard

NS..... = Not sampled

ppm..... = parts per million

Redox..... = Reduction/Oxidation potential

TMBs..... = Trimethylbenzenes
= the indicated concentration exceeds the NR 140 ES

Table 2
 Groundwater Elevation Summary
 Former Amoco Service Station No. 15175
 1425 North Farwell Avenue, Milwaukee, WI
 Delta Project No. AMG0-22J

GMOW-1					
TOC Elevation:		653.16	Well Depth:		20.52
TOC Elevation as of 1/18/96:		653.31	Screen Length:		10.00
Date	Ground Water Depth BTOC	Ground Water Elevation	Elevation Difference	Physical Observations	Recorded By
05/11/92	5.81	647.35	NA		Bascor
09/23/94	4.56	648.60	1.25		Ecova
04/13/95	5.75	647.41	-1.19		Ecova
12/01/95	5.26	647.90	0.49	bailed dry at 8.5 gallons	Delta
Monitoring well re-surveyed by Welsh Hanson and Associates, Inc. - January 18, 1996					
03/06/96	6.24	647.07	NA	bailed dry at 9.0 gallons	Delta
06/11/96	4.36	648.95	1.88		Delta
12/17/96	10.41	642.90	-6.05		Delta
07/12/99	7.50	645.81	2.91		Delta
07/11/00	4.95	648.36	2.55	cloudy tan	Delta

GMOW-2					
TOC Elevation:		652.82	Well Depth:		22.05
TOC Elevation as of 1/18/96:		652.97	Screen Length:		10.00
Date	Ground Water Depth BTOC	Ground Water Elevation	Elevation Difference	Physical Observations	Recorded By
05/11/92	6.12	646.70	NA		Bascor
09/23/94	6.32	646.50	-0.20		Ecova
04/13/95	9.43	643.34	-3.16		Ecova
12/01/95	8.19	644.63	1.29		Delta
Monitoring well re-surveyed by Welsh Hanson and Associates, Inc. - January 18, 1996					
03/06/96	6.71	646.26	1.48		Delta
06/11/96	5.76	647.21	0.95		Delta
12/17/96	6.58	646.39	-0.82		Delta
07/12/99	5.69	647.28	0.89		Delta
07/11/00	4.82	648.15	0.87		Delta

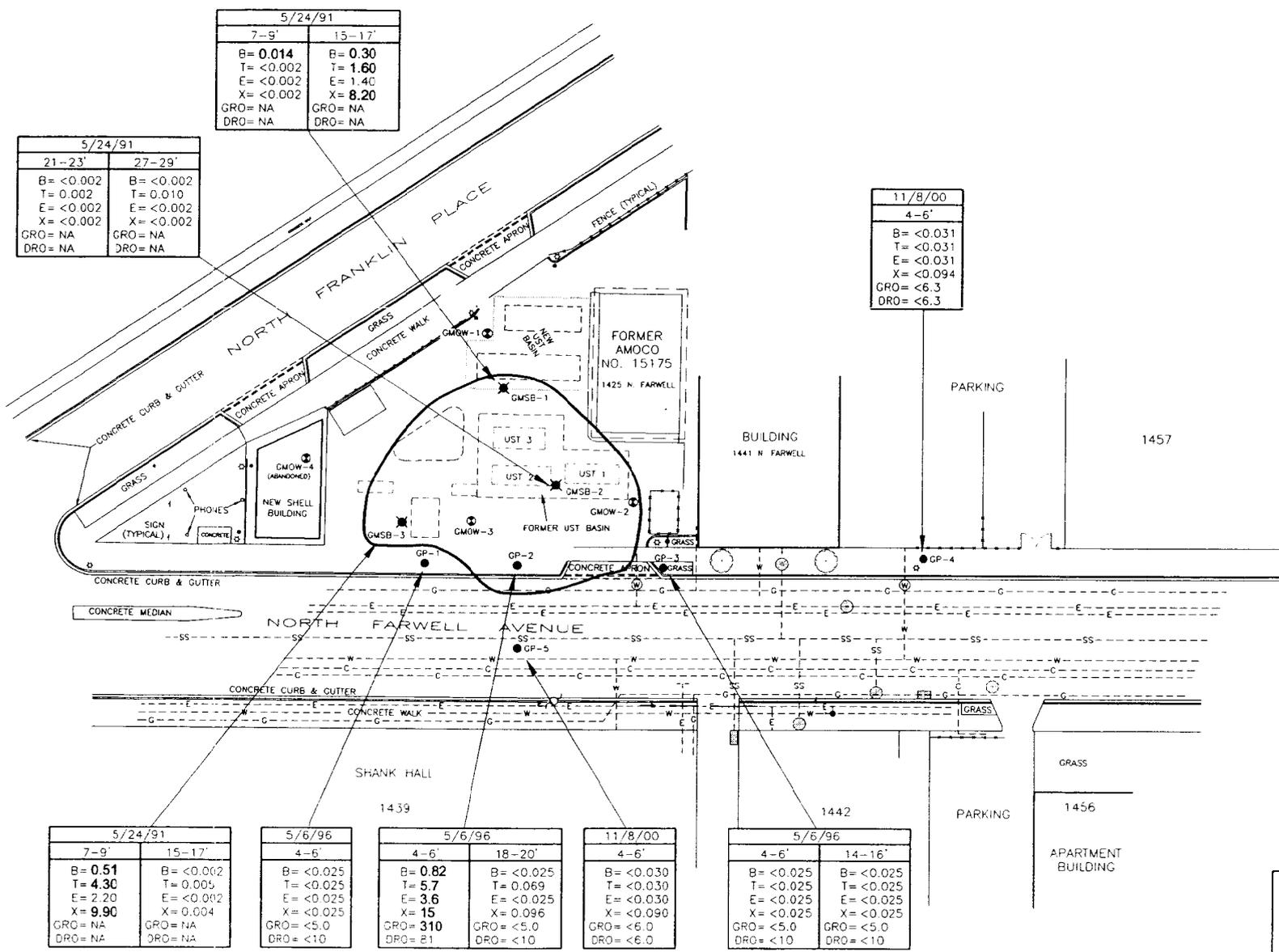
Table 2
 Groundwater Elevation Summary
 Former Amoco Service Station No. 15175
 1425 North Farwell Avenue, Milwaukee, WI
 Delta Project No. AMG0-22J

GMOW-3					
TOC Elevation:		653.11	Well Depth:		20.30
TOC Elevation as of 1/18/96:		653.25	Screen Length:		10.00
Date	Ground Water Depth BTOC	Ground Water Elevation	Elevation Difference	Physical Observations	Recorded By
05/11/92	17.94	635.17	NA	Well not sampled, purged dry	Bascor
09/23/94	6.01	647.10	11.93		Ecova
04/13/95	5.33	647.78	0.68		Ecova
12/01/95	5.99	647.12	-0.66	bailed dry at 7.75 gallons	Delta
Monitoring well re-surveyed by Welsh Hanson and Associates, Inc. - January 18, 1996					
03/06/96	6.25	647.00	-0.26	bailed dry at 9.0 gallons	Delta
06/11/96	5.13	648.12	1.12		Delta
12/17/96	10.57	642.68	-5.44		Delta
07/12/99	4.16	649.09	6.41		Delta
07/11/00	4.25	649.00	-0.09	odor, cloudy gray	Delta

GMOW-4					
TOC Elevation:		653.60	Well Depth:		21.60
TOC Elevation as of 1/18/96:		653.70	Screen Length:		10.00
Date	Ground Water Depth BTOC	Ground Water Elevation	Elevation Difference	Physical Observations	Recorded By
05/11/92	6.69	646.91	NA		Bascor
09/23/94	6.95	646.65	-0.26		Ecova
04/13/95	6.24	647.36	0.71		Ecova
12/01/95	6.45	647.15	-0.21	bailed dry at 9.00 gallons	Delta
Monitoring well re-surveyed by Welsh Hanson and Associates, Inc. - January 18, 1996					
03/06/96	6.92	646.78	-0.47	bailed dry at 8.0 gallons	Delta
06/11/96	5.76	647.94	1.16		Delta
12/17/96	6.58	647.12	-0.82		Delta
1999	Well abandoned during site raze and rebuild activities.				

Date	Groundwater Flow Direction
05/11/92	southeast
09/23/94	east
04/13/95	north
12/01/95	northeast
03/06/96	undetermined
06/11/96	undetermined
12/17/96	undetermined
07/12/99	northwest
07/11/00	north

NOTES:
 NA = Not applicable
 TOC = Top of Casing
 BTOC = Below Top of Casing
 All values measured in feet
 TOC elevation measured from mean sea level



LEGEND:

- ⊙ MONITORING WELL LOCATION
 - ⊗ SOIL BORING LOCATION
 - GEOPROBE LOCATION
 - UST-1 FORMER 8,000 GALLON FIBERGLASS UST
 - UST-2 FORMER 8,000 GALLON STEEL UST
 - UST-3 FORMER 6,000 GALLON FIBERGLASS UST
 - E--- UNDERGROUND ELECTRIC LINE
 - G--- UNDERGROUND GAS LINE
 - W--- UNDERGROUND WATER LINE
 - C--- CABLE TV LINE
 - SS--- SANITARY/STORM SEWER LINE
 - ☐ CATCH BASIN
 - MANHOLE
 - ⊕ FIRE HYDRANT
 - ⊙ WATER VALVE
 - ⊕ POWER POLE
 - ⊙ LIGHT POLE
- | DATE | SAMPLE DATE |
|-------|-------------------------|
| DEPTH | SAMPLE DEPTH (FEET) |
| B = | BENZENE |
| T = | TOLUENE |
| E = | ETHYLBENZENE |
| X = | TOTAL XYLENES |
| GRO = | GASOLINE RANGE ORGANICS |
| DRO = | DIESEL RANGE ORGANICS |

RESULTS REPORTED IN MILLIGRAMS PER KILOGRAM
 NA = NOT ANALYZED

CONCENTRATIONS SHOWN IN BOLD TYPE EXCEED THE
 NR 720 RESIDUAL CONTAMINANT LEVELS (RCLs)

— AREAS OF SOIL WITH RCL EXCEEDENCES

FIGURE 3
 SOIL CHEMICAL CONCENTRATION MAP
 AMOCO SERVICE STATION No. 15175
 1425 NORTH FARWELL AVENUE
 MILWAUKEE, WISCONSIN

PROJECT NO. AMGO-22J	PREPARED BY AM	DRAWN BY DD	
DATE 2/4/03	REVIEWED BY	FILE NAME 3124-006	



5/24/91	
21-23'	27-29'
B = <0.002	B = <0.002
T = 0.002	T = 0.010
E = <0.002	E = <0.002
X = <0.002	X = <0.002
GRO = NA	GRO = NA
DRO = NA	DRO = NA

5/24/91	
7-9'	13-17'
B = 0.014	B = 0.30
T = <0.002	T = 1.60
E = <0.002	E = 1.40
X = <0.002	X = 8.20
GRO = NA	GRO = NA
DRO = NA	DRO = NA

11/8/00	
4-6'	
B = <0.031	B = <0.031
T = <0.031	T = <0.031
E = <0.031	E = <0.031
X = <0.094	X = <0.094
GRO = <6.3	GRO = <6.3
DRO = <6.3	DRO = <6.3

5/24/91	
7-9'	15-17'
B = 0.51	B = <0.002
T = 4.30	T = 0.005
E = 2.20	E = <0.002
X = 9.90	X = 0.004
GRO = NA	GRO = NA
DRO = NA	DRO = NA

5/6/96	
4-6'	
B = <0.025	B = <0.025
T = <0.025	T = <0.025
E = <0.025	E = <0.025
X = <0.025	X = <0.025
GRO = <5.0	GRO = <5.0
DRO = <10	DRO = <10

5/6/96	
4-6'	18-20'
B = 0.82	B = <0.025
T = 5.7	T = 0.069
E = 3.6	E = <0.025
X = 15	X = 0.096
GRO = 310	GRO = <5.0
DRO = 21	DRO = <10

11/8/00	
4-6'	
B = <0.030	B = <0.030
T = <0.030	T = <0.030
E = <0.030	E = <0.030
X = <0.090	X = <0.090
GRO = <6.0	GRO = <6.0
DRO = <6.0	DRO = <6.0

5/6/96	
4-6'	14-16'
B = <0.025	B = <0.025
T = <0.025	T = <0.025
E = <0.025	E = <0.025
X = <0.025	X = <0.025
GRO = <5.0	GRO = <5.0
DRO = <10	DRO = <10

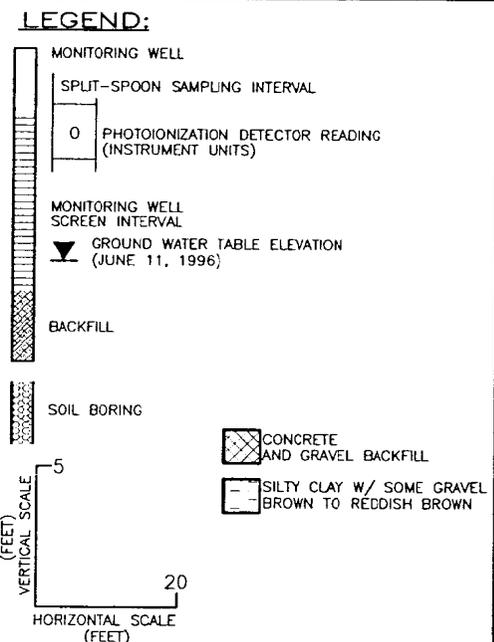
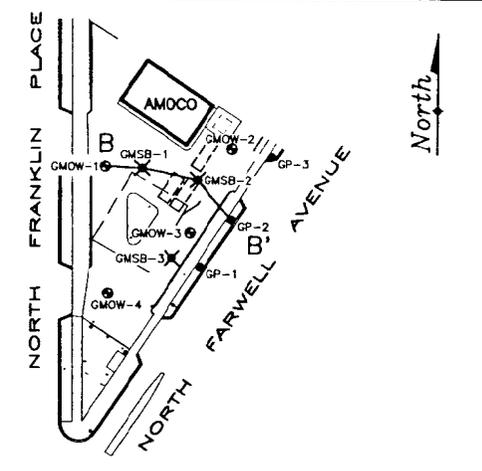
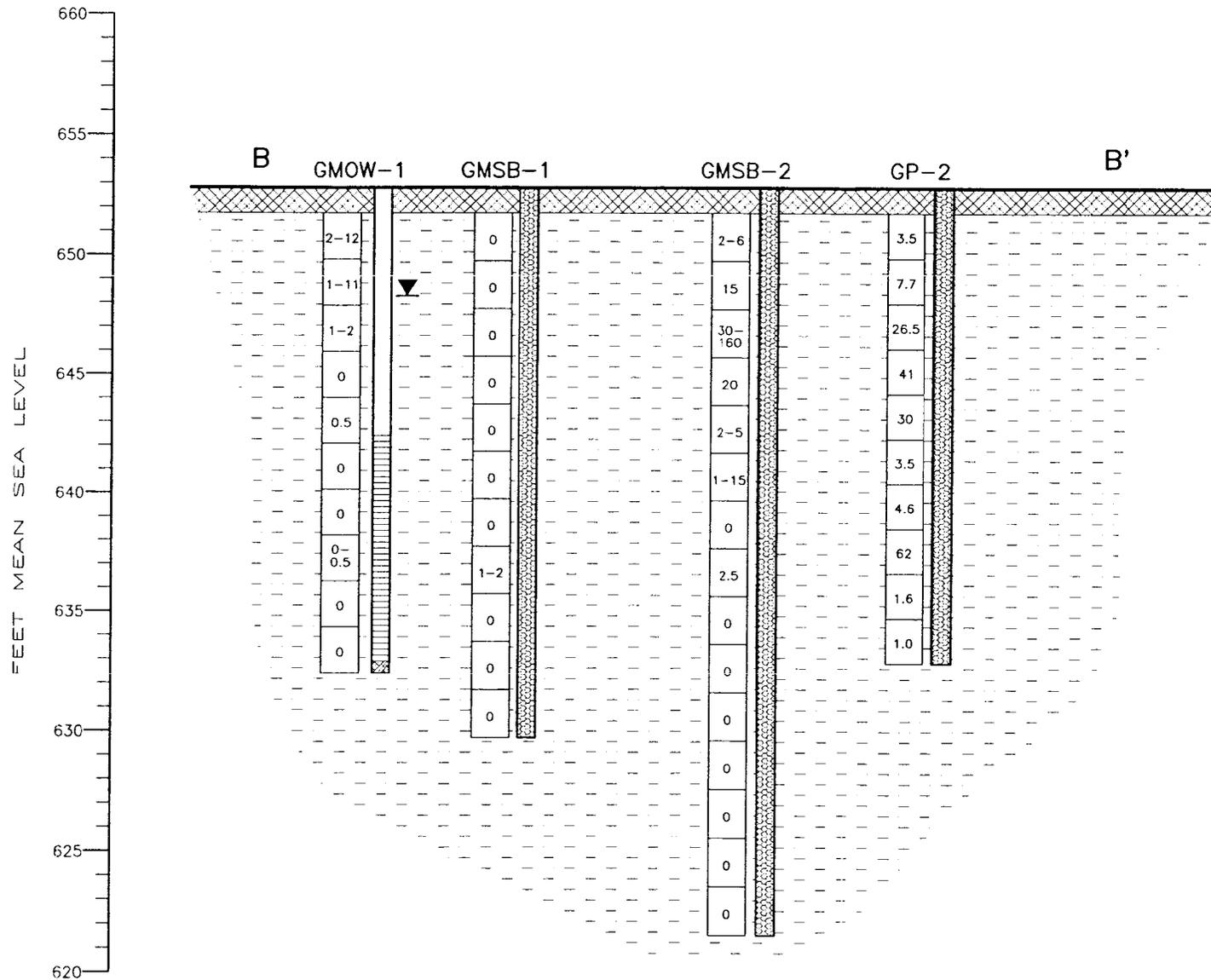
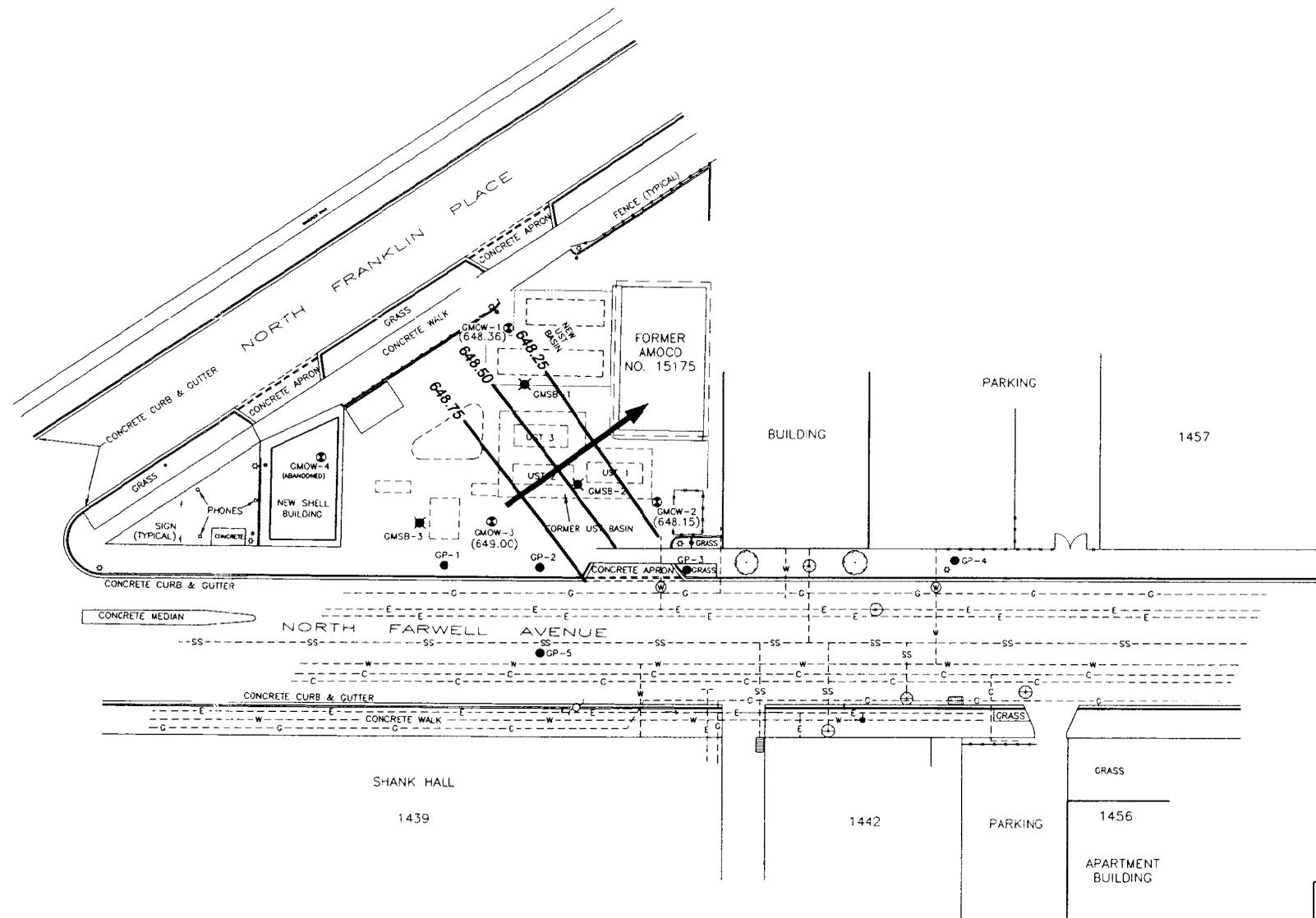


FIGURE 5
GEOLOGIC CROSS SECTION B-B'
 AMOCO SERVICE STATION No. 15175
 1425 N. FARWELL AVENUE
 MILWAUKEE, WISCONSIN

PROJECT NO.: 1095-830
 DRAWN BY: EKO
 PREPARED BY: EGZ
 DATE: 10/24/96
 FILE NAME: 95830-X





LEGEND:

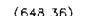
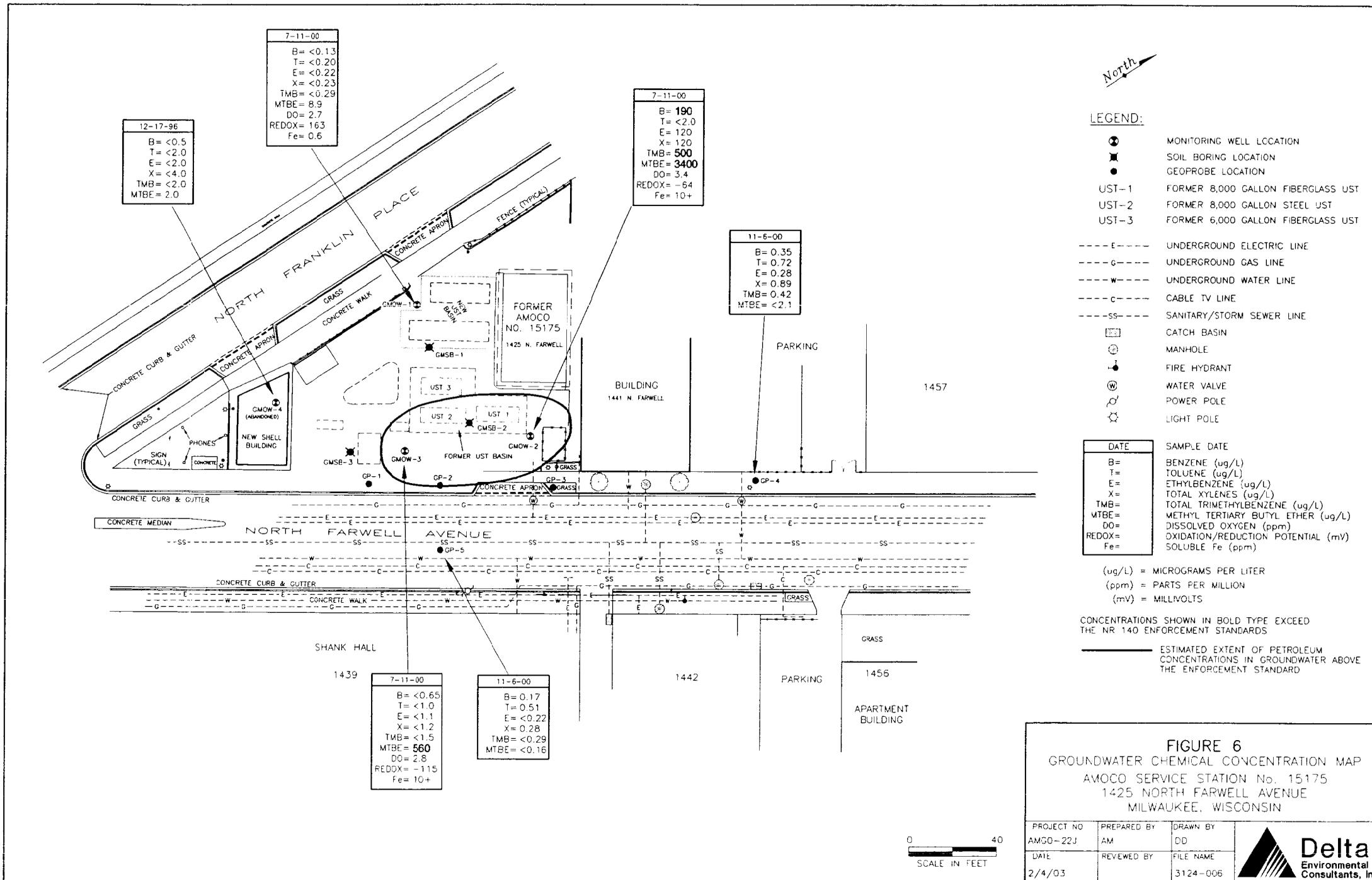
-  MONITORING WELL LOCATION
-  SOIL BORING LOCATION
-  GEOPROBE LOCATION
- UST-1 FORMER 8,000 GALLON FIBERGLASS UST
- UST-2 FORMER 8,000 GALLON STEEL UST
- UST-3 FORMER 6,000 GALLON FIBERGLASS UST
- E--- UNDERGROUND ELECTRIC LINE
- G--- UNDERGROUND GAS LINE
- W--- UNDERGROUND WATER LINE
- C--- CABLE TV LINE
- SS--- SANITARY/STORM SEWER LINE
-  CATCH BASIN
-  MANHOLE
-  FIRE HYDRANT
-  WATER VALVE
-  POWER POLE
-  LIGHT POLE
- (648.36) GROUNDWATER ELEVATION (FT.)
-  648.75 GROUNDWATER CONTOUR LINE
-  GROUNDWATER FLOW DIRECTION



FIGURE 5
GROUNDWATER ELEVATION AND CONTOUR MAP
JULY 11, 2000
AMOCO SERVICE STATION No. 15175
1425 NORTH FARWELL AVENUE
MILWAUKEE, WISCONSIN

PROJECT NO. 3214-006	PREPARED BY SR	DRAWN BY DD	
DATE 12/14/00	REVIEWED BY	FILE NAME 3124-006	



LEGEND:

- ⊙ MONITORING WELL LOCATION
- ✱ SOIL BORING LOCATION
- GEOPROBE LOCATION
- UST-1 FORMER 8,000 GALLON FIBERGLASS UST
- UST-2 FORMER 8,000 GALLON STEEL UST
- UST-3 FORMER 6,000 GALLON FIBERGLASS UST
- E--- UNDERGROUND ELECTRIC LINE
- G--- UNDERGROUND GAS LINE
- W--- UNDERGROUND WATER LINE
- C--- CABLE TV LINE
- SS--- SANITARY/STORM SEWER LINE
- ☐ CATCH BASIN
- ⊕ MANHOLE
- ⦿ FIRE HYDRANT
- ⊕ WATER VALVE
- ⊕ POWER POLE
- ⊕ LIGHT POLE

DATE	SAMPLE DATE
B=	BENZENE (ug/L)
T=	TOLUENE (ug/L)
E=	ETHYLBENZENE (ug/L)
X=	TOTAL XYLENES (ug/L)
TMB=	TOTAL TRIMETHYLBENZENE (ug/L)
MTBE=	METHYL TERTIARY BUTYL ETHER (ug/L)
DO=	DISSOLVED OXYGEN (ppm)
REDOX=	OXIDATION/REDUCTION POTENTIAL (mV)
Fe=	SOLUBLE Fe (ppm)

(ug/L) = MICROGRAMS PER LITER
 (ppm) = PARTS PER MILLION
 (mV) = MILLIVOLTS

CONCENTRATIONS SHOWN IN BOLD TYPE EXCEED THE NR 140 ENFORCEMENT STANDARDS

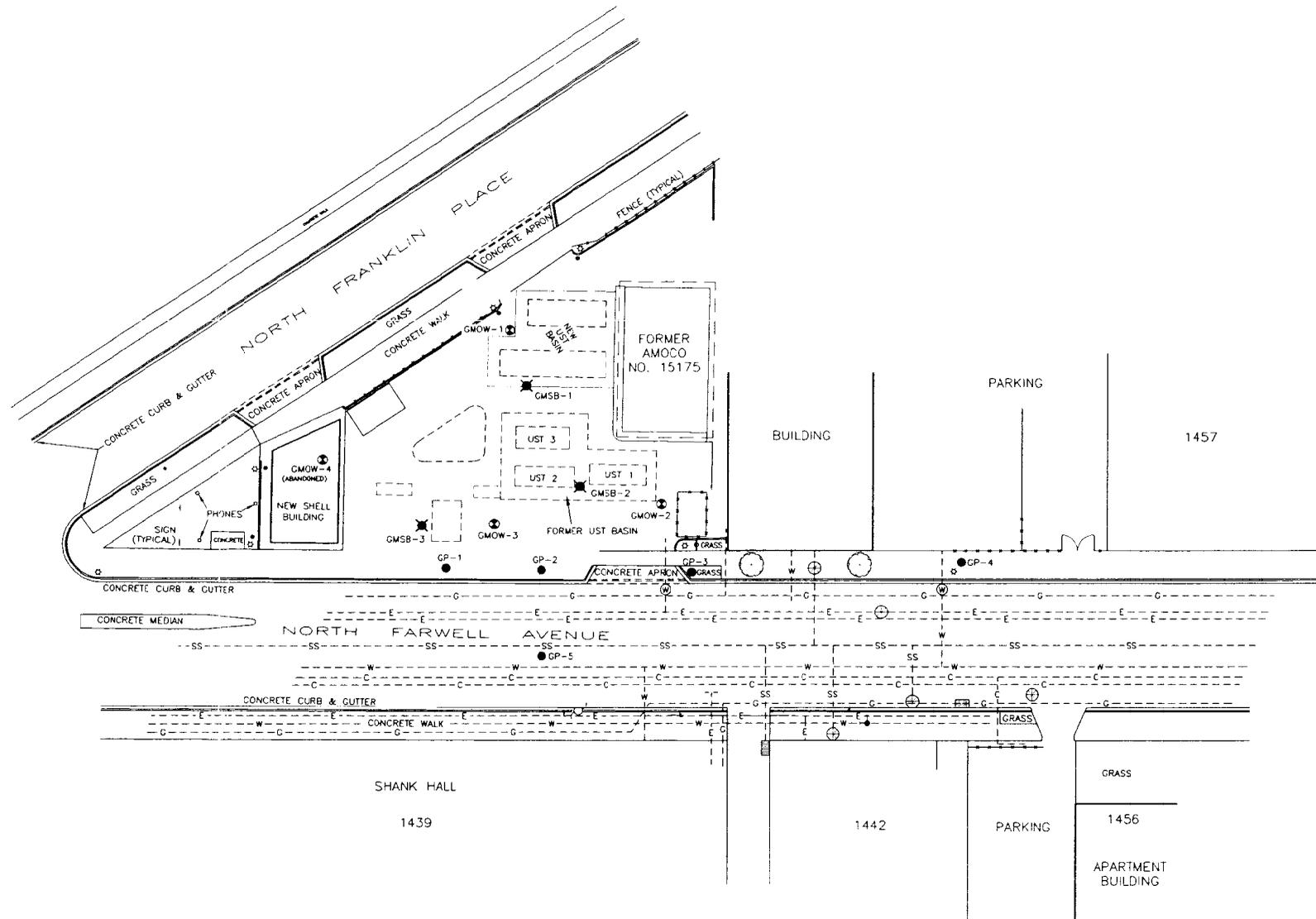
———— ESTIMATED EXTENT OF PETROLEUM CONCENTRATIONS IN GROUNDWATER ABOVE THE ENFORCEMENT STANDARD

FIGURE 6
 GROUNDWATER CHEMICAL CONCENTRATION MAP
 AMOCO SERVICE STATION No. 15175
 1425 NORTH FARWELL AVENUE
 MILWAUKEE, WISCONSIN



PROJECT NO AMCO-22J	PREPARED BY AM	DRAWN BY DD
DATE 2/4/03	REVIEWED BY	FILE NAME 3124-006





LEGEND:

- MONITORING WELL LOCATION
- SOIL BORING LOCATION
- GEOPROBE LOCATION
- UST-1 FORMER 8,000 GALLON FIBERGLASS UST
- UST-2 FORMER 8,000 GALLON STEEL UST
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- E--- UNDERGROUND ELECTRIC LINE
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- C--- CABLE TV LINE
- SS--- SANITARY/STORM SEWER LINE
- CATCH BASIN
- MANHOLE
- FIRE HYDRANT
- WATER VALVE
- POWER POLE
- LIGHT POLE



FIGURE 2
SITE MAP
AMOCO SERVICE STATION No. 15175
1425 NORTH FARWELL AVENUE
MILWAUKEE, WISCONSIN

PROJECT NO. 3214-006	PREPARED BY SR	DRAWN BY DD	
DATE 12/14/00	REVIEWED BY	FILE NAME 3124-006	



17500 W. Liberty Lane
Suite A
New Berlin, WI 53146-2109
U.S.A.
262/789-0254
FAX: 262/789-5483

December 16, 2002

Ms. Claudia Satchell
9116 LLC
809 S. 60th St., Ste. 203
Milwaukee, WI 53214

Certified Mail: Receipt # 7002 0510 0000 4388 5847

Subject: **Inclusion of Property at 1425 North Farwell Avenue, Milwaukee, Wisconsin, into Wisconsin Department of Natural Resources GIS Registry**
Amoco SS No. 15175
BRRTS No. 03-41-005161
Commerce No. 53202-2903-25
Delta Project No. AMG0-22J

Dear Ms. Satchell:

This letter is in response to the October 11, 2002 letter from Whyte, Hirschboeck, Dudek, S.C. concerning the legal description of the above-referenced property and its inclusion into the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry. Mr. John Scripp of Whyte, Hirschboeck, Dudek, S.C. indicated in the letter that the property description Delta Environmental Consultants, Inc. (Delta) included in the proposed WDNR GIS registry packet was for the property leased by 9116 LLC and not the adjacent property owned by 9116 LLC. After a review of the legal descriptions for both properties obtained from the Milwaukee County Register of Deeds, the correct property description is enclosed with this letter for your review. **Please review the property deed description for 1425 North Farwell Avenue, Milwaukee WI, owned by 9116 LLC, and notify me within the next 30 days if the legal description is incorrect.**

Soil and groundwater quality data obtained from the site were also reviewed to ascertain whether residual contaminant concentrations above Wisconsin Administrative Code (WAC) residual contaminant levels (RCLs) or Enforcement Standards (ESs) exist on both properties or are limited to one of the properties. After a review of the data it was determined that only the property owned by 9116 LLC is required to be placed in the WDNR GIS registry.

Per the request of Mr. John Scripp, Delta provided him a copy of the June 1, 1999 *Tank Closure and Excavation Report*, in November 2002.

GIS Notification for:
1425 North Farwell Ave.
Milwaukee WI
December 16, 2002
Page 2

If you need more information, you may contact Lisa Noblet, Project Geologist, at (262) 827-4819.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.



Adam S. McIlheran
Staff Hydrogeologist



Lisa Noblet, P.G.
Project Geologist

Attachments

c: Ray Stoelting - BP Products North America Inc.
John Scripp - Whyte, Hirschboeck, Dudek S.C.



September 11, 2002

9116 LLC
 809 S. 60th St., Ste. 203
 Milwaukee, WI 53214

Certified Mail: Receipt # 7002 0510 0000 2287 2974

Subject: **Inclusion of Property at 1425 North Farwell Avenue, Milwaukee, Wisconsin, into Wisconsin Department of Natural Resources GIS Registry**
 Amoco SS No. 15175
 BRRTS No. 03-41-005161
 Commerce No. 53202-2903-25
 Delta Project No. 32140

Dear Property Owner:

Delta Environmental Consultants, Inc. (Delta) is issuing this letter to you on behalf of BP Products North America Inc. (BP), formerly known as Amoco Oil Company. The purpose of this letter is to notify you of our intent to list the above-mentioned property on the Wisconsin Department of Natural Resource's (WDNR's) geographic information system (GIS) registry of closed remediation sites.

Soil and groundwater contamination are present at your property indicated above as a result of the operation of a service station during BP's ownership of the property. The levels of benzene, ethylbenzene, toluene, xylenes and gasoline range organics (GRO) contamination in soil are above the state soil residual contaminant levels (RCLs) found in chapter NR 720 of the Wisconsin Administrative Code and the levels of benzene, total trimethylbenzenes (TMBs) and methyl tertiary butyl ether (MTBE) contamination in the groundwater on your property are above the enforcement standards (ESs) found in chapter NR 140 of the Wisconsin Administrative Code. However, Delta's investigation of this contamination suggests that this soil contamination and groundwater contaminant plume are stable or receding and will naturally degrade over time. Delta believes that allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in chapter NR 726 and NR 746 of the Wisconsin Administrative Code.

The Wisconsin Department of Commerce (the Department) has accepted natural attenuation as the final remedy for this site and has granted case closure. Closure means that the Department will not require any further investigation or cleanup action to be taken, other than the reliance on natural attenuation. A fact sheet is enclosed that explains natural attenuation. Also enclosed is a copy of the Department's conditional closure letter. Note that the Department originally requested that a notice of contamination be recorded on the property deed. Recent changes in state regulations now allow a property to be registered on the GIS database in place of the deed notice.

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

9116 LLC
 809 S. 60th St. Ste. 203
 Milwaukee, WI 53214

2. Article Number

(Transfer from service label) 7002 0510 0000 2287 2974

PS

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *C. Langhoff*

- Agent
- Address

B. Received by (Printed Name)

C. Langhoff

C. Date of Delivery

9-16-02

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type

- Certified Mail
- Registered
- Insured Mail
- Express Mail
- Return Receipt for Merchandise
- C.O.D.

4. Restricted Delivery? (Extra Fee)

- Yes

102595-02-M-1

GIS Notification for:
1425 North Farwell Ave.
Milwaukee WI
September 11, 2002
Page 2

Since you are not responsible for soil and groundwater contamination that originated during BP's operation of the property, neither you nor any subsequent owner of your property will be held responsible for investigation or cleanup of this groundwater contamination, as long as you and any subsequent owners comply with the requirements of section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. BP is not responsible for contaminant releases that may occur(ed) after BP's sale of the property. For further information on the requirements of section 292.13, Wisconsin Statutes, you may call 1-800-367-6076 for calls originating in Wisconsin, or 608-264-6020 if you are calling from out of state or within the Madison area.

As an affected property owner, you have a right to contact the Department within 30 days to provide any technical information that you may have that indicates that your property should not be listed on the GIS registry. If you would like to submit any information to the Department of Commerce that is relevant to our request, you should mail that information to:

Ms. Nancy Kochis
Wisconsin Department of Commerce
101 West Pleasant Street Suite 100A
Milwaukee, WI 53212

All properties within the site boundaries where soil and groundwater contamination exceeds chapter NR 720 RCLs or the NR 140 ESs, respectively, will be listed on the Department of Natural Resources' GIS Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where soil and groundwater contamination above chapter NR 720 RCLs or the NR 140 ESs were found at the time that the case was closed. This GIS Registry will be available to the general public on the Department of Natural Resources' internet web site. Enclosed is the property deed that describes the property. **Please review the legal description of your property, and notify me within the next 30 days if the legal description is incorrect.**

If you or any subsequent property owner excavate contaminated soil, it may be considered a solid waste and must be managed in accordance with all applicable laws. Additionally, should you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to call the Diggers Hotline (1-800-242-8511) if your property is located outside of the service area of a municipally owned water system, or contact the Drinking Water program within the Department of Natural Resources if your property is located within the designated service area of a municipally owned water system, to determine if there is a need for special well construction standards.

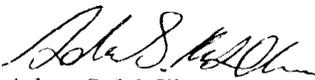
Once the Department of Commerce fulfills our request to list your site on the GIS Registry, it will issue a final closure letter. You may obtain a copy of this letter by requesting a copy from me, by writing to the agency address given above, or by accessing the DNR GIS Registry of Closed Remediation Sites on the Internet at www.dnr.state.wi.us/org/at/et/geo/gwur. A copy of the final closure letter will be included as part of the site file on the GIS Registry of Closed Remediation Sites.

GIS Notification for:
1425 North Farwell Ave.
Milwaukee WI
September 11, 2002
Page 3

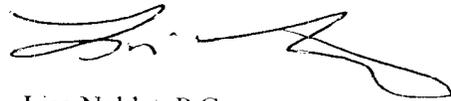
If you need more information, you may contact Lisa Noblet, Project Geologist, at (262) 827-4819 or you may contact Nancy Kochis of the Department of Commerce at (414) 220-5372.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.



Adam S. McIlheran
Staff Hydrogeologist



Lisa Noblet, P.G.
Project Geologist

Attachments

c: Ray Stoelting - BP Products North America Inc.

7387387

STATE BAR OF WISCONSIN FORM 1 - 1982
WARRANTY DEED

Document Number

This Deed, made between TCR/MRC Land Limited Partnership, a Wisconsin limited partnership

Grantor,

and Block 8 LLC, a Wisconsin limited liability company

Grantee,

Witnesseth, That the said Grantor, for a valuable consideration the receipt and sufficiency of which is hereby acknowledged conveys to Grantee the following described real estate in Milwaukee County, State of Wisconsin:

See Exhibit A attached hereto and hereby made a part hereof.

REGISTER'S OFFICE }
Milwaukee County, WI } ss
RECORDED AT _____

-8 30 PM

JUN 30 1997 1662 to
REEL 4085 IMAGE 1664 incl.

Walter R. Breyer REGISTER OF DEEDS

Recording Area

Name and Return Address:

William A. Wigchers
Foley & Lardner
777 East Wisconsin Avenue, Box 286
Milwaukee, WI 53202

TRANSFER
\$198.00
FEE

359-0188-100-4, 359-0189-110-7,
and 359-0225-110-1
Parcel Identification Number (PIN)

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

7387387
RECORD 14.00
RTX 198.00

Together with all and singular the hereditaments and appurtenances thereunto belonging:
And Grantor

warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except municipal and zoning ordinances and agreements entered under them, recorded building and use restrictions and covenants, general taxes levied in the year of closing, and recorded easements for the distribution of utility services and will warrant and defend the same.

Dated this 26 day of June, 1997.

TCR/MRC LAND LIMITED PARTNERSHIP

By: BLOCK 7 LLC, its general partner

By: [Signature]
Barry R. Mandel, sole member

AUTHENTICATION

Signature(s) _____

authenticated this _____ day of _____, 19____

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

William A. Wigchers - Foley & Lardner

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

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss.
Milwaukee County.)

Personally came before me this 25 day of June, 1997 the above named Barry R. Mandel, sole member of Block 7 LLC, the general partner of TCR/MRC Land Limited Partnership

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

[Signature]
Notary Public _____ County, Wis.
My Commission is permanent. (If not, state expiration date: _____ 19____.)

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

EXHIBIT ABlock 8A, 8B and the Amoco Sign:

PARCEL 1: 1425 N. North Farwell Ave. 359-0226-110-1

That part of Lots 2 and 3, in Block 198, in Rogers' Addition, bounded and described as follows: Beginning at a point in the West line of Lot 3, said point being 62.20 feet North of the Southwest corner of Lot 3, said point also being in the East line of North Franklin Place; thence South along the West line of said Lots 2 and 3 and along the East line of North Franklin Place, 95 feet to the point of intersection with the Northwesterly line of North Farwell Avenue; thence Northwesterly along the Northwesterly line of North Farwell Avenue, 39.00 feet to a point; thence Northwesterly to the point of beginning.

PARCEL 2: 1333 N. Prospect Ave. 359-0128-100-7

That part of lands and that part of Lots 1 and 2, in Block 198, in Rogers' Addition, bounded and described as follows: Beginning at a point in the Southwest corner of Lot 1; thence Southeasterly to a point in the Northwesterly line of North Prospect Avenue, said point being 15.00 feet Southwesterly of the point of intersection of said Northwesterly line of North Prospect Avenue with the Southwesterly line of Lot 1; thence North 34° 16' 00" East along the Northwesterly line of North Prospect Avenue, 183.11 feet to the point of intersection with the Southerly line of East Ogden Avenue; thence North 55° 44' 00" West along said Southerly line, 112.34 feet to a point; thence North 71° 26' 36" West along said Southerly line, 162.94 feet to a point; thence Westerly along said Southerly line 12.99 feet to a point; thence South 34° 15' 40" West, 14.37 feet to a point in the East line of North Franklin Place; thence South 0° 31' 44" West along the East line of North Franklin Place to the point of beginning.

PARCEL 3: 1410 N. Farwell Ave. 359-0129-110-7

That part of Lots 2 and 3, in Block 198, in Rogers' Addition, bounded and described as follows: Beginning at the point of intersection of the Southeasterly line of North Farwell Avenue with the Northeasterly line of East Ogden Avenue; thence North 34° 16' 00" East along the Southeasterly line of North Farwell Avenue, 112.04 feet to a point; thence South 55° 44' 00" East and parallel with the Southwesterly line of Lot 3, 104.37 feet to a point; thence South 34° 16' 00" West and parallel with the Southeasterly line of North Farwell Avenue, 1.35 feet to a point; thence South 55° 44' 00" East and parallel with the Southwesterly line of Lot 3, 193.63 feet to a point in the Northwesterly line of North Prospect Avenue; thence South 34° 16' 00" West along the Northwesterly line of North Prospect Avenue, 68.63 feet to the point of intersection with the Northeasterly line of East Ogden Avenue, thence North 55° 44' 00" West along the Northeasterly line of East Ogden Avenue, 121.87 feet to a point; thence North 71° 29' 35" West along the Northeasterly line of East Ogden Avenue, 155.98 feet to a point; thence North 55° 44' 00" West along the Northeasterly line of East Ogden Avenue, 21.97 feet to the point of beginning.

POOR COPY PRESENTED FOR RECORDING

EXHIBIT A (Continued)

TOGETHER WITH all of Grantor's right, title and interest (to the extent pertaining to the aforesaid property) in and to that certain Agreement of Sale with Milwaukee County, dated April, 1987, as amended, (which Agreement of Sale is referenced by a Memorandum by and between Milwaukee County and Caldwell/MRC Joint Venture, recorded May 28, 1987, in Reel 2096, Image 1450, as Document No. 6063109), and that certain Park East Development and Cooperative Agreement with the City of Milwaukee, dated December 28, 1989, as amended, as well as all other rights of Grantor pertaining to the aforesaid property.

FILE COPY



February 12, 2001

17500 W. Liberty Lane
Suite A
New Berlin, WI 53146-2109
U.S.A.
262/789-0254
FAX: 262/789-5483

Mr. Jeffery S. Polenske
Milwaukee City Engineering
Room 612, Frank P. Ziedler Municipal Bldg.
841 North Broadway Street,
Milwaukee, Wisconsin 53202

Subject: Notification of Potential Residual Petroleum Contamination
Former Amoco Service Station No. 15175
1425 North Farwell Avenue
Milwaukee, WI
BRRTS No. 03-41-005161
Commerce No. 53202-2903-25
Delta Project No. 32140

Dear Mr. Polenske:

The Wisconsin Department of Commerce (Commerce) has granted conditional case closure to the above referenced petroleum remediation site. As part of the conditional closure, Commerce has requested that the road owner be notified of potential residual petroleum impacts, associated with the subject site, beneath North Farwell Avenue. A copy of the Commerce closure letter is attached. The following information is intended to meet the notification requirement requested by Commerce.

Tables that summarize historical soil and groundwater analytical results for the soil boring and monitoring well locations closest to North Farwell Avenue are attached. Also attached is a figure illustrating soil boring and monitoring well locations and displaying the most recent soil and groundwater analytical results.

Residual soil contamination above state standards was detected in soil boring GP-2 on May 6, 1996, located in the North Farwell Avenue right of way. Note that some degree of attenuation of petroleum levels may have occurred in the six years since the soil samples was collected.

Residual groundwater contamination above enforcement standards was detected in GMOW-2 and GMOW-3 during the most recent sampling event in July 2000.

Should you have any questions or require additional information regarding this site, please do not hesitate to contact me at (262) 827-4819.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.

A handwritten signature in black ink, appearing to read "Lisa Noblet".

Lisa Noblet
Project Geologist

Attachments

c: Ray Stoelting - Amoco
Nancy Kochis - Commerce
Robert Harvey - Milwaukee City Clerk

Providing a Competitive Edge

F:\Mid-Continent-Western\Wisconsin\15175\Correspondence\citynot.doc

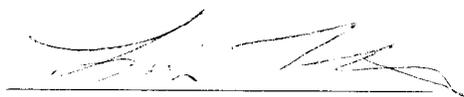
STATEMENT OF LEGAL DESCRIPTION ACCURACY

FOR

1425 North Farwell Avenue
Milwaukee, WI 53202
Amoco SS No. 15175
BRRTS No. 03-41-005161
Commerce No. 53202-2903-25

This statement is being provided by Delta Environmental Consultants, Inc. (Delta), on behalf of BP Products North America Inc. The enclosed property deed, with legal description, for the above-mentioned property was provided by the Milwaukee County Register of Deeds Office. According to the information available to Delta, the legal description is accurate and complete.

DELTA ENVIRONMENTAL CONSULTANTS, INC.



Lisa Noblet, Project Geologist

February 6, 2003

Date