

GIS REGISTRY INFORMATION

SITE NAME:	Pugh Oil Co (Martin's White Flash)								
BRRTS #:	03-52-000999			FID #	(if appropriate):				
COMMERCE # (if appropriate):	53182-1505-36								
CLOSURE DATE:	May 06, 2003								
STREET ADDRESS:	1436 Main St								
CITY:	Union Grove								
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	X = 679583			Y = 247255					
CONTAMINATED MEDIA:	Groundwater	<input type="checkbox"/>	Soil	<input type="checkbox"/>	Both	<input checked="" type="checkbox"/>			
OFF-SOURCE GW CONTAMINATION >ES:	Yes	<input checked="" type="checkbox"/>		No	<input type="checkbox"/>				
• IF YES, STREET ADDRESS:	1422 Main Street, Union Grove								
• GPS COORDINATES (meters in WTM91 projection):	X = 679578			Y = 247284					
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):	Yes	<input checked="" type="checkbox"/>		No	<input type="checkbox"/>				
• IF YES, STREET ADDRESS 1:	SSA								
• GPS COORDINATES (meters in WTM91 projection):	X = SSA			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 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 checked="" 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"/>
Copy of any maintenance plan referenced in the deed restriction									<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

May 6, 2003

Mr. William H. Pugh
W. H. Pugh Oil Company
200 Dodge St.
Racine, WI 53402

RE: **Final Closure**

Commerce # 53182-1505-36 WDNR BRRTS # 03-52-000999
Pugh Oil Co (Martin's White Flash), 1436 Main St., Union Grove

Dear Mr. Pugh:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure. This case is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual contamination. It is in your best interest to keep all documentation related to the environmental activities that were conducted.

If residual contamination is encountered in the future, it must be managed in accordance with all applicable State and federal regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required. If applicable, the PECFA claim for this site would also be reopened and you may apply for assistance to the extent of remaining eligibility.

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 220-5375.

Sincerely,

Greg Michael
Hydrogeologist
Site Review Section

cc: K Singh & Associates, Inc.
Case File

DOCUMENT NO.

RECORDED _____

2001 FEB 16 AM 8:45

MARK A. LADD
REGISTER OF DEEDS

VOL PAGE
3121 827-828

WILLIAM M. MARTIN, MARJORIE A. MARTIN, DOUGLAS H. MARTIN, AND
KRISTEN D. MARTIN

quit-claims to MM INVESTMENTS OF UNION GROVE, LLC

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

Part of the Northwest 1/4 of the Southwest 1/4 of Section 20, Township 3 North, Range 21 East, more particularly described as follows:
Commence at the West 1/4 corner of Section 20; run thence South 1 Degree 28'02" East along the West line of the Southwest 1/4 of said Section 886.41 feet; thence North 36 Degrees 59'35" East 64.31 feet to a point that is 40.00 feet East of the West line of the Southwest 1/4 of said section and the point of beginning of the following described parcel; thence continue North 36 Degrees 59'35" East 195.85 feet to the Southerly right-of-way line of County Trunk Highway "C"; thence North 75 Degrees 27'06" East along the Southerly right-of-way line of said highway 518.75 feet; thence South 1 Degree 28'02" East 477.08 feet; thence South 88 Degrees 31'58" West 477.10 feet; thence North 1 Degree 28'02" West 187.13 feet; thence South 88 Degrees 31'58" West 150.00 feet to a point that is 40.00 feet East of the West line of the Southwest 1/4 of Section 20; thence North 1 Degree 28'02" West 19.18 feet to the point of beginning. Said land being in the Town of Yorkville, Racine County, Wisconsin

12- THIS SPACE RESERVED FOR RECORDING DATA

NAME AND RETURN ADDRESS
KOSS LAW OFFICE
813 MAIN STREET
UNION GROVE, WI 53182

#1 51-018-03-21-20-020-000
PARCEL IDENTIFICATION NUMBER
#2 51-186-03-21-31-071-000

Parcel No. 2

Tax Exempt 77.25 155

That part of the Northeast 1/4 of Section 31, Township 3 North, Range 21 East, Village of Union Grove, described as follows: Commence at a point on the East line of Section (being the centerline of Main Street) at the intersection of said line with the center line of State Trunk Highway 11 (said point being 1213.45 feet South of the Northeast corner of Section) thence running North along the section line 165.00 feet to a point, said point marks the place of beginning of parcel of land hereinafter described, thence continue North along the section line 129.00 feet to a point, thence West perpendicular to section line 191.00 feet to a point, thence North parallel to East line of section 77.25 feet to a point, thence East 17.00 feet to a point, thence North parallel to East line of section 88.70 feet to an iron stake, thence West perpendicular to East line of section 123.00 feet to cross cut in sidewalk, thence South parallel to East line of section 437.70 feet to a point in the centerline of State Trunk Highway 11 (indicated as center line of Racine and

This is not homestead property.
 (is not)

CONTINUED ->

Dated this 8 day of February, 2001

William M. Martin (SEAL)
• William M. Martin
Marjorie A. Martin (SEAL)
• Marjorie A. Martin

Douglas H. Martin (SEAL)
• Douglas H. Martin
Kristen D. Martin (SEAL)
• Kristen D. Martin

AUTHENTICATION

ACKNOWLEDGMENT

Signature(s) of William M. Martin, Marjorie A. Martin, Douglas H. Martin, and Kristen Martin

State of Wisconsin, }
County } ss

authenticated this 8 day of February, 2001

Personally came before me this _____ day of _____, the above named

• Thomas W. Koss
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by 8706.06, Wis. Stats.)

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

THIS INSTRUMENT WAS DRAFTED BY
Attorney Thomas W. Koss
Union Grove, 53182

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

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

Burlington Road in deed of Jacob and Elizabeth Menheer to William W. and Hilda Martin, dated September 7, 1949 and recorded in Volume 493, Pages 684 and 685 of Deed, Register of Deeds Office of Racine County, Document Number 551819) thence South 85 Degrees 41' East 132.38 feet along the center line of State Trunk Highway 11 to a point, thence North parallel to East line of section 152.59 feet to an iron stake (said stake being 165.00 feet West of place of beginning, perpendicular to East line of section) thence East 165.00 feet to place of beginning.

Subject to highway reservation for State Trunk Highway 11 and Main Street of the Village of Union Grove, Racine County, Wisconsin.

DOCUMENT NO.
909680

STATE BAR OF WISCONSIN - FORM 1
WARRANTY DEED

THIS SPACE RESERVED FOR RECORDING DATA
Register's Office
Racine County, Wis.

Received for Record 9 day of Oct
AD. 1972 at 2:00
o'clock P. M. and recorded in Volume 4453
of Records on page 245

Stanley J. Bialecki
Register of Deeds
2.00

THIS DEED, made between Jeanette Pansch, as Personal Representative of the estate of Nan E. Christensen, deceased, and Ilo C. Downing, as surviving joint tenant of Glenn O. Downing, deceased, of ~~XXXX~~ Racine, Wisconsin, Grantors, and W. H. Pugh Oil Company, a Wisconsin corporation, of the same place, Grantee,
Witnesseth, That the said Grantors for a valuable consideration

conveyX to Grantee the following described real estate in Racine County, State of Wisconsin:

All that certain piece or parcel of land situate in the Village of Union Grove, County of Racine, State of Wisconsin, known and described as that part of the Northeast 1/4 of Section 31, Township 3 North, of Range 21 East, bounded: Begin at the intersection of the center lines of State Trunk Highway #11 and U. S. Highway #45; run thence North along the center line of said U. S. Highway #45 a distance of 123 feet; run thence West 132 feet; run thence South to the center line of said State Trunk Highway #11; run thence East along said State Trunk Highway #11 to the place of beginning, hereby intending to describe a service station property located on the North west corner of said State Trunk Highway #11 and said U. S. Highway #45 having a frontage exclusive of highways of 90 feet on said U. S. Highway #45 and 132 feet on said State Trunk Highway #11.

Fee Exempt 77.25 #10

This deed is executed and delivered in fulfillment of a land contract made between Joseph E. Christensen and Nan E. Christensen, his wife, and (see * below)

Together with all and singular the hereditaments and appurtenances thereto belonging or in any wise appertaining.
And said Grantors

warrantX that the title is good, indefeasible in fee simple and free and clear of encumbrances ~~XXXXXX~~

and will warrant and defend the same.

Executed at Racine, Wisconsin this 20th day of September, 1972

SIGNED AND SEALED IN PRESENCE OF

Jeanette Pansch (SEAL)
Jeanette Pansch, as Personal Representative of the estate of Nan E. Christensen, deceased (SEAL)

Ilo C. Downing (SEAL)
Ilo C. Downing, as surviving joint tenant of Glenn O. Downing, deceased (SEAL)

* Glenn O. Downing and Ilo C. Downing, his wife, as vendors, and the Grantee above named, as vendee, on September 30, 1957, a memorandum of which was recorded in the office of the Register of Deeds for said Racine County in 615 Deeds 503 and in ~~XXXXXX~~ 646 Deeds 685.
authenticated this _____ day of _____, 19____

Title: Member State Bar of Wisconsin or Other Party
Authorized under Sec. 706.06 vis.

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STATE OF WISCONSIN }
Racine County, } ss.

Personally came before me, this 20th day of September, 1972, the above named Jeanette Pansch, as Personal Representative of the estate of Nan E. Christensen, deceased, and Ilo C. Downing, as surviving joint tenant of Glenn O. Downing, deceased to me known to be the persons who executed the foregoing instrument and acknowledged the same.

This instrument was drafted by

Donald A. Butchart

Donald A. Butchart
Notary Public Racine County, Wis.

The use of witnesses is optional.

My Commission (~~XXXXXX~~) (Is) permanent

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

Certification of Legal Descriptions

Martin's White Flash (W.H. Pugh Oil Co.), 1436 Main Street, Union Grove, WI

All that certain piece or parcel of land situate in the Village of Union Grove, County of Racine, State of Wisconsin, known and described as that part of the Northeast 1/4 of Section 31, Township 3 North, of Range 21 East, bounded: Begin at the intersection of the center lines of State Trunk Highway #11 and U.S. Highway #45; run thence North along the centerline of said U.S. Highway #45 a distance of 123 feet; run thence West 132 feet; run thence South to the centerline of said State Trunk Highway #11; run thence East along said State Trunk Highway #11 to the place of beginning, hereby intending to describe a service station property located on the Northwest corner of said State Trunk Highway #11 and said U.S. Highway #45 having a frontage exclusive of highways of 90 feet on said U.S. Highway #45 and 132 feet on said State Trunk Highway #11.

Martin's Garage, 1422 Main Street, Union Grove, WI

That part of the Northeast 1/4 of Section 31, Township 3 North, Range 21 East, Village of Union Grove, described as follows: Commence at a point on the East line of Section (being the centerline of Main Street) at the intersection of said line with the center line of State Trunk Highway 11 (said point being 1213.45 feet South of the Northeast corner of Section) thence running North along the section line 165.00 feet to a point, said point marks the place of beginning of parcel of land hereinafter described, thence continue North along the section line 129.00 feet to a point, thence West perpendicular to section line 191.00 feet to a point, thence North parallel to the East line of section 77.25 feet to a point, thence East 17.00 feet to a point, thence parallel to the East line of section 88.70 feet to an iron stake, thence West perpendicular to East line of section 123.00 feet to cross cut in sidewalk, thence South parallel to East line of section 437.70 feet to a point in the centerline of State Trunk Highway 11 (indicated as center line of Racine and Burlington Road in deed of Jacob and Elizabeth Menheer to William W. and Hilda Martin, dated September 7, 1949 and recorded in Volume 493, Pages 684 and 685 of Deed, Register of Deeds Office of Racine County, Document Number 551819) thence South 85° 41' East 132.38 feet along the center line of State Trunk Highway 11 to a point, thence North parallel to east line of section 152.59 feet to an iron stake (said stake being 165.00 feet West of place of beginning, perpendicular to East line of section) thence East 165.00 feet to place of beginning.

Subject to highway reservation for State Trunk Highway 11 and Main Street of the Village of Union Grove, Racine County, Wisconsin.

I Bill Pugh 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 known as Martin's White Flash, 1436 Main Street, Union Grove, Wisconsin and Martin's Garage, 1422 Main Street, Union Grove, Wisconsin.

Signature

William Pugh

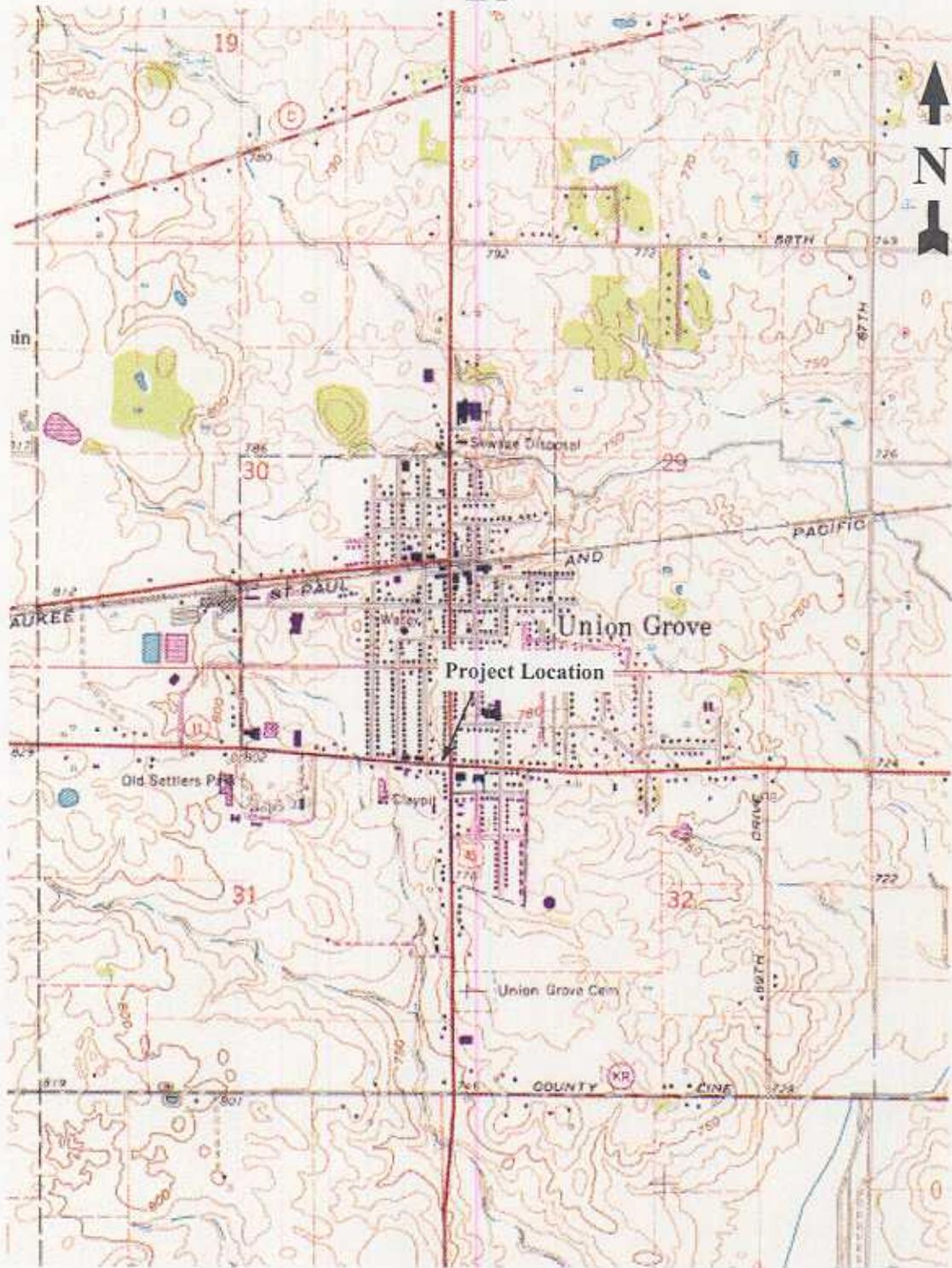
Date

3/11/03

Title

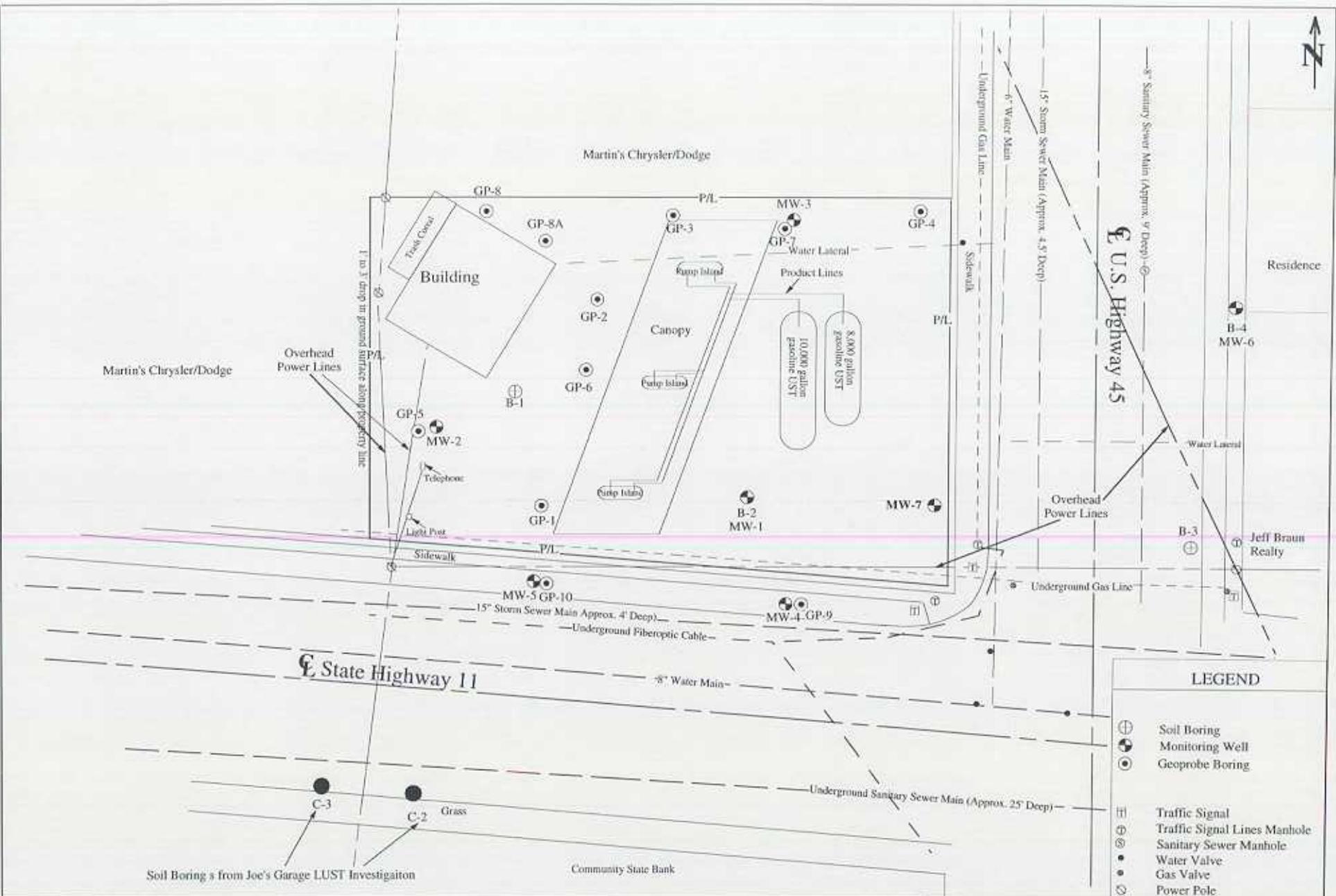
Pres.

II-2



Scale 1 inch = 2000 feet

Figure 2.1. Project Location Map



Martin's Chrysler/Dodge

Martin's Chrysler/Dodge

Residence

U.S. Highway 45

State Highway 11

LEGEND

- ⊕ Soil Boring
- ⊗ Monitoring Well
- ⊙ Geoprobe Boring
- Ⓜ Traffic Signal
- Ⓜ Traffic Signal Lines Manhole
- Ⓜ Sanitary Sewer Manhole
- Water Valve
- Gas Valve
- ⊖ Power Pole

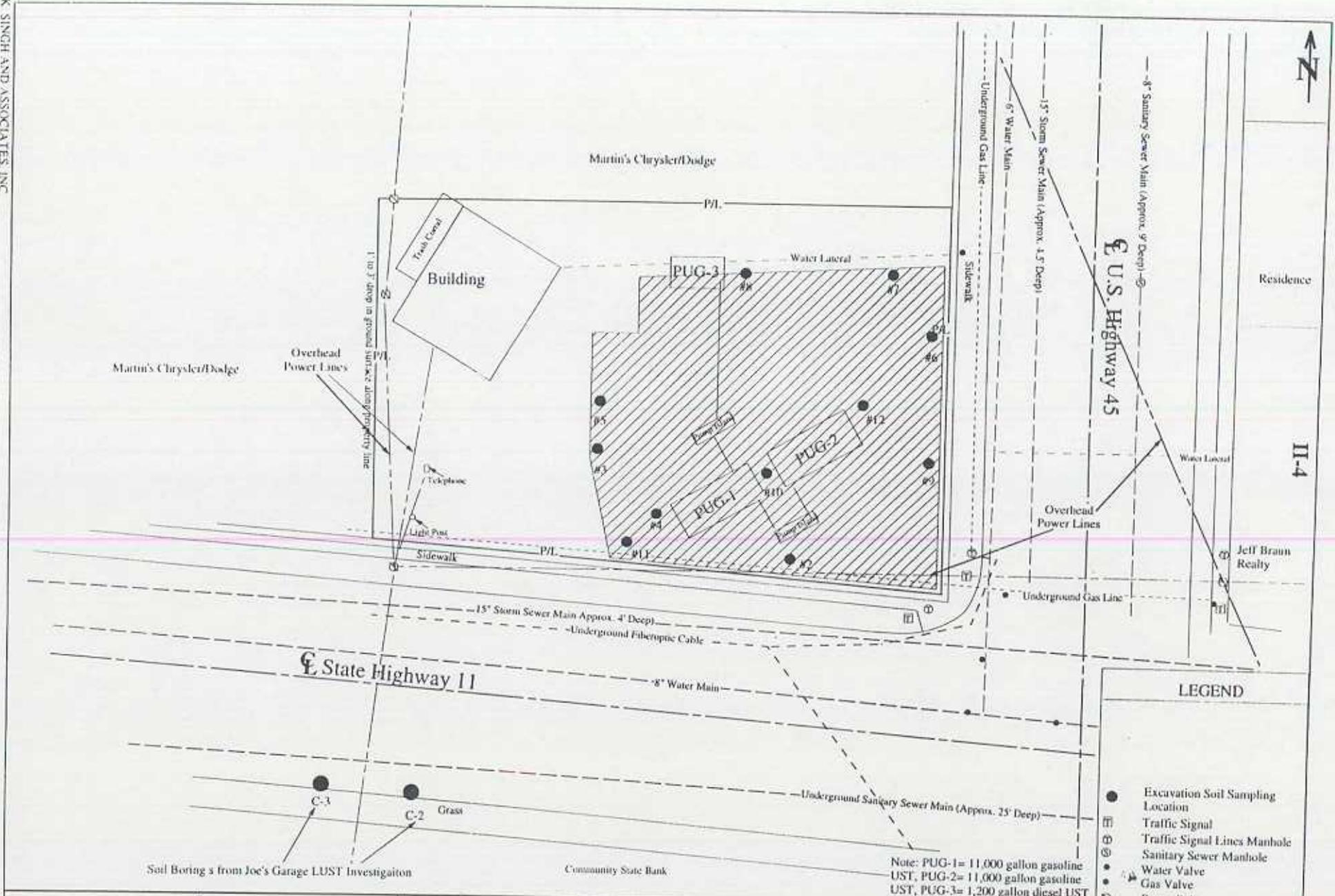
Owner
Pugh Oil Company

PROJECT LOCATION
Former Martin's White Flash
1436 Main Street
Union Grove, WI 53182

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

Figure 1: Site Layout Map

Date May 4, 1999	Drawn by M.J.P.	Project no. 2041	Date
SCALE 		Checked by P.N.S.	



Note: PUG-1= 11,000 gallon gasoline UST, PUG-2= 11,000 gallon gasoline UST, PUG-3= 1,200 gallon diesel UST

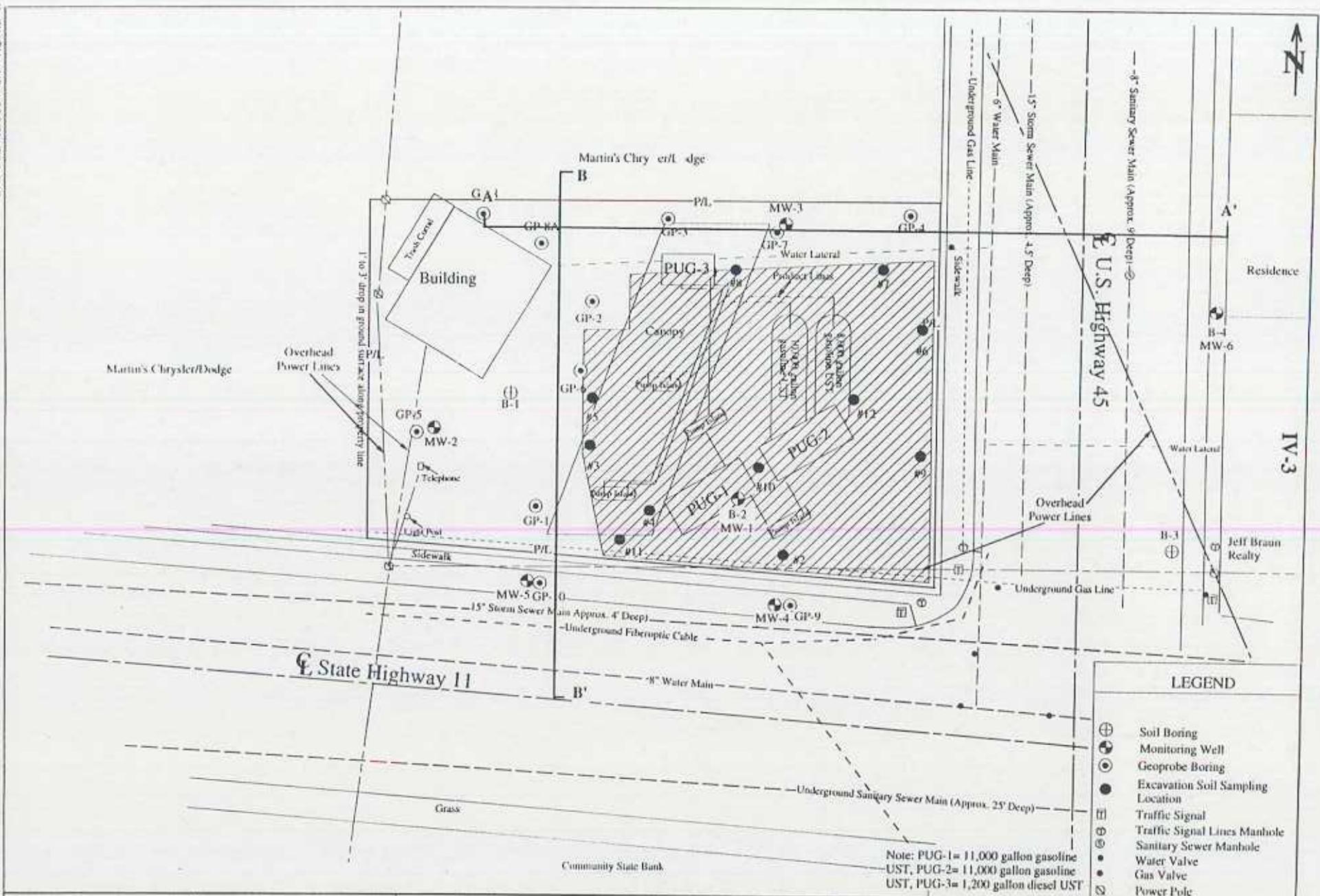
Owner
Pugh Oil Company

PROJECT LOCATION
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Union Grove, WI 53182

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

Figure 2.3. Previous Site Layout and Excavation Area

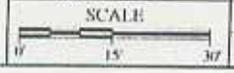
Date May 4, 1999	Drawn by M.J.P.	Project no. 2041	Date
SCALE: 0' 15' 30'		Checked by P.N.S.	



Note: PUG-1= 11,000 gallon gasoline UST, PUG-2= 11,000 gallon gasoline UST, PUG-3= 1,200 gallon diesel UST

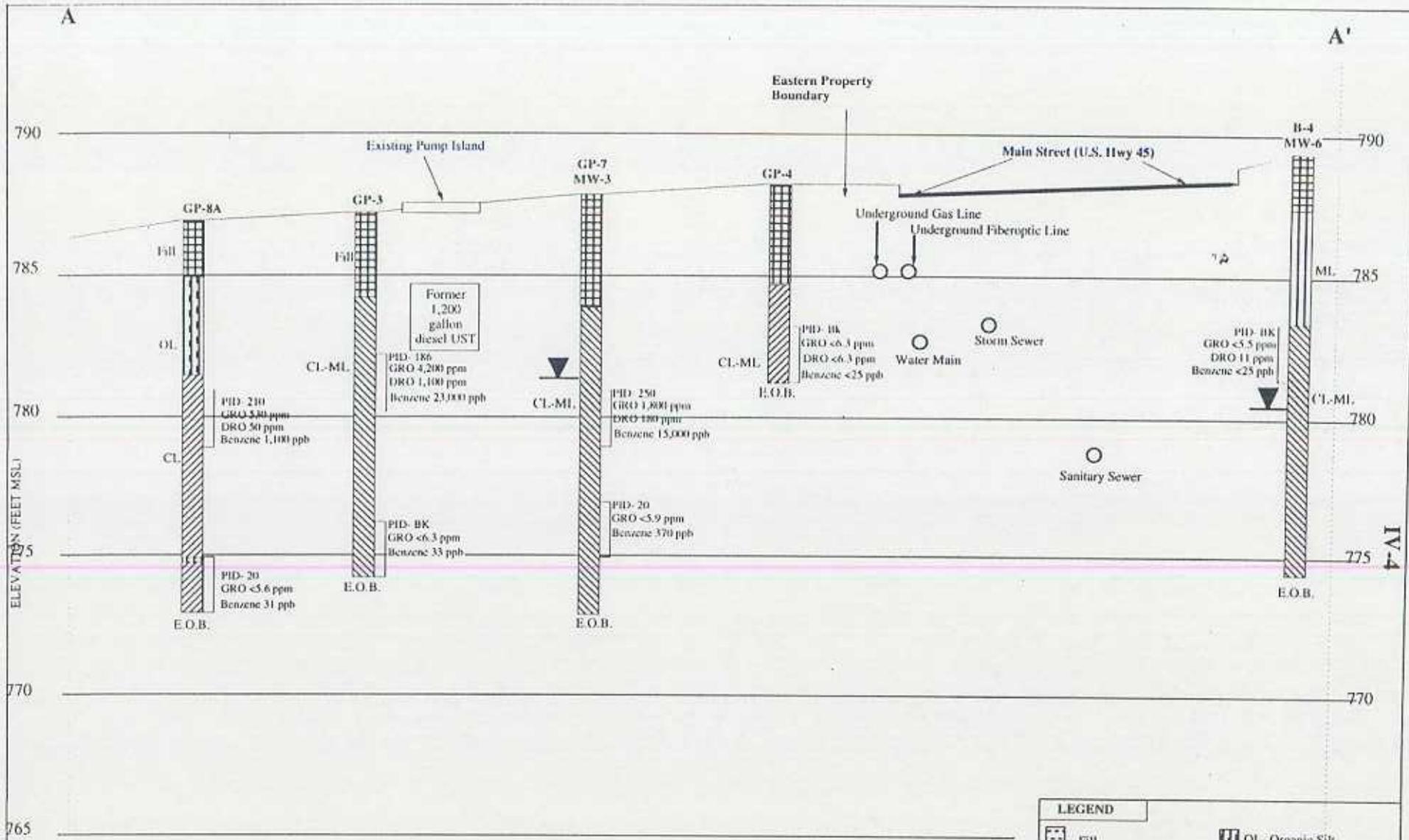
LEGEND			
⊕	Soil Boring		
⊗	Monitoring Well		
⊙	Geoprobe Boring		
●	Excavation Soil Sampling Location		
⊠	Traffic Signal		
⊕	Traffic Signal Lines Manhole		
⊕	Sanitary Sewer Manhole		
●	Water Valve		
●	Gas Valve		
⊕	Power Pole		

Figure 4.1. Lines of Cross-Section A-A' and B-B'			
Date	Drawn by	Project no.	Date
May 4, 1999	M.J.P.	2041	
Checked by			
P.N.S.			



Owner Pugh Oil Company
PROJECT LOCATION Former Martin's White Flash 1436 Main Street Union Grove, WI 53182

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



Note: Vertical Exaggeration is 4:1.
BK= Background PID Reading

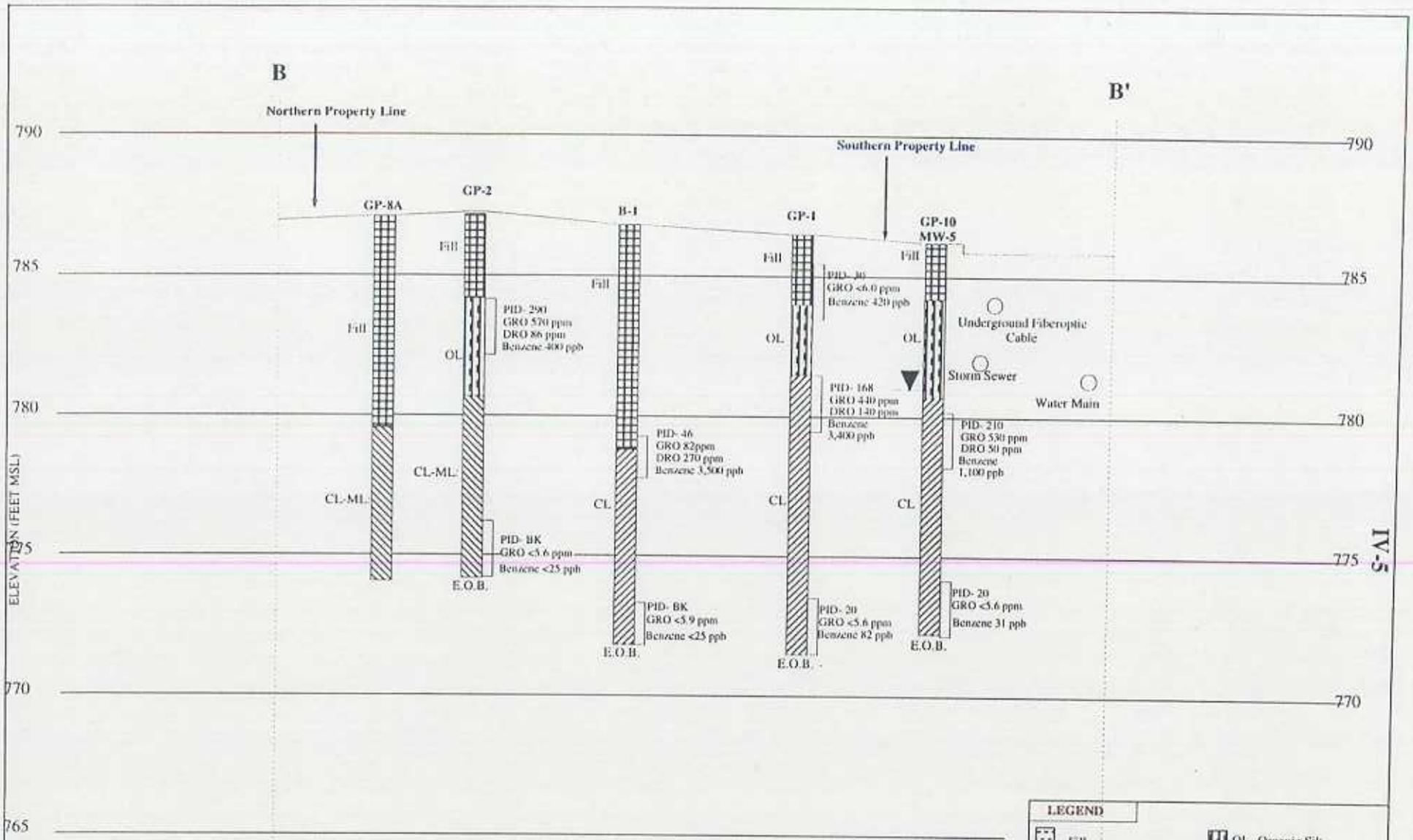
LEGEND	
	Fill
	OL- Organic Silt
	CL- Silty Clay
	ML- Sandy Silt
	CL-ML- Clayey Silt
	Depth to Water in soil boring
	Depth to Water in Monitoring Well

Site Location
Former Martin's White Flash
1436 Main Street
Union Grove, WI 53182

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

Figure 4.2 - Geologic Section A-A'

Date	Drawn by	Project no.	Date
October 14, 1997	M.J.P.	4256	
SCALE		Checked by	
		P.N.S.	



Note: Vertical Exaggeration is 4:1.
BK= Background PID Reading

LEGEND

Fill	OL- Organic Silt
CL- Silty Clay	ML- Sandy Silt
CL-ML- Clayey Silt	
Depth to Water in soil boring	
Depth to Water in Monitoring Well	

Site Location
Former Martin's White Flash
1436 Main Street
Union Grove, WI 53182

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

Figure 4.3 - Geologic Section B-B'

Date	Drawn by	Project no.	Date
October 14, 1997	M.E.P.	4256	
Checked by			
P.N.S.			



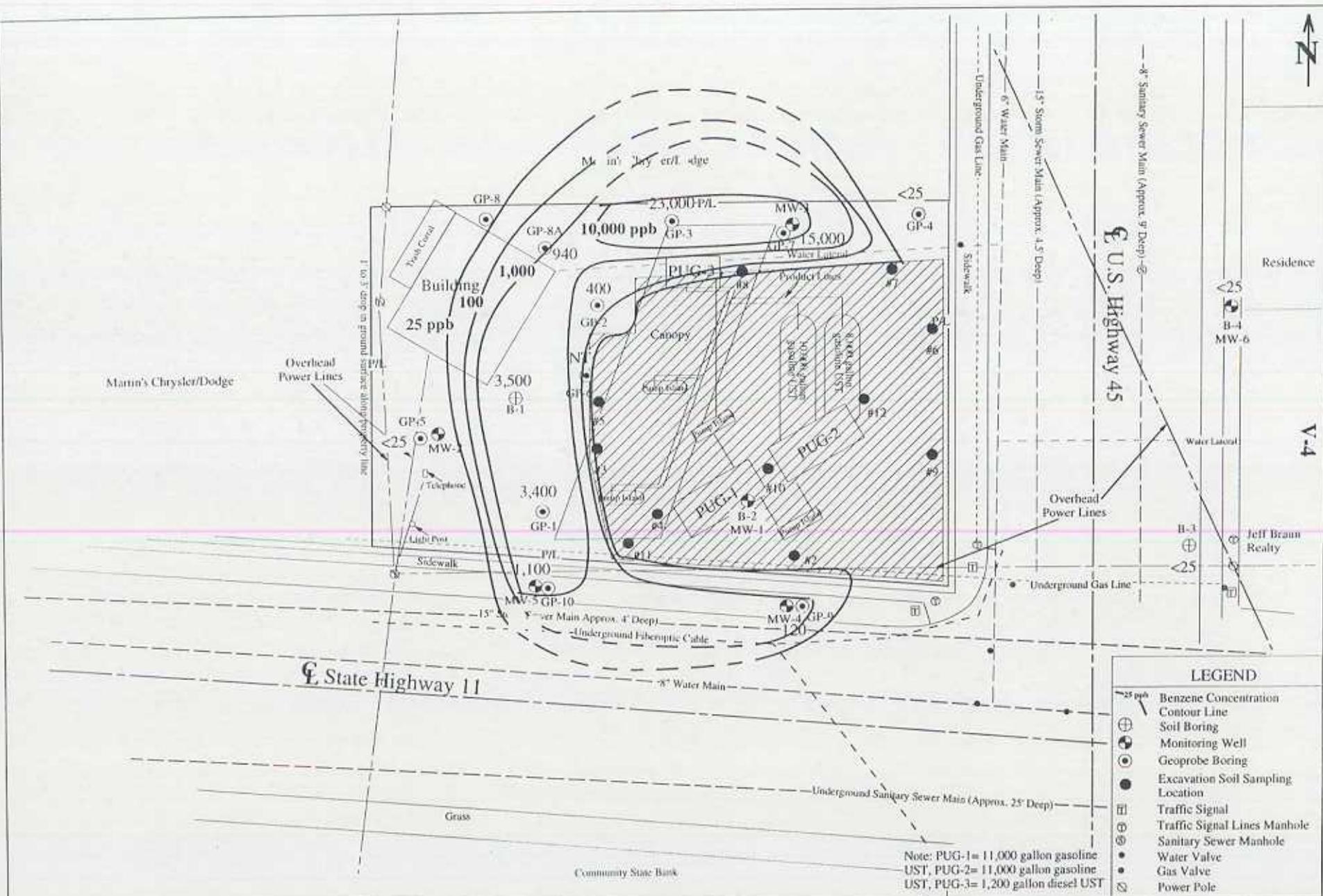


Figure 5.1. Plume of Benzene in Soil

Owner
Pugh Oil Company
PROJECT LOCATION
 Former Martin's White Flash
 1436 Main Street
 Union Grove, WI 53182

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

Date May 4, 1999	Drawn by M.J.P.	Project no. 2041	Date
SCALE 0 15 30		Checked by P.N.S.	

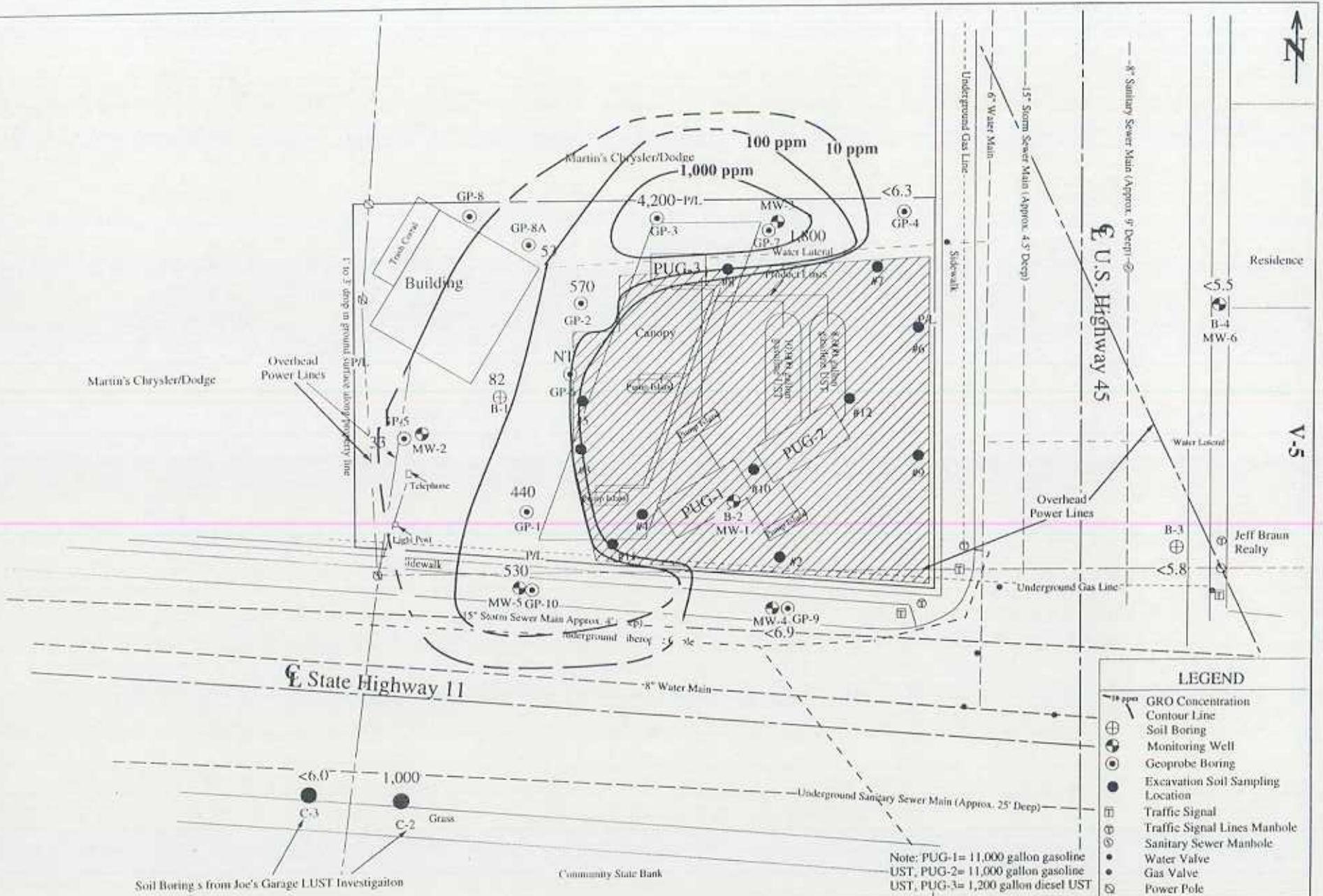
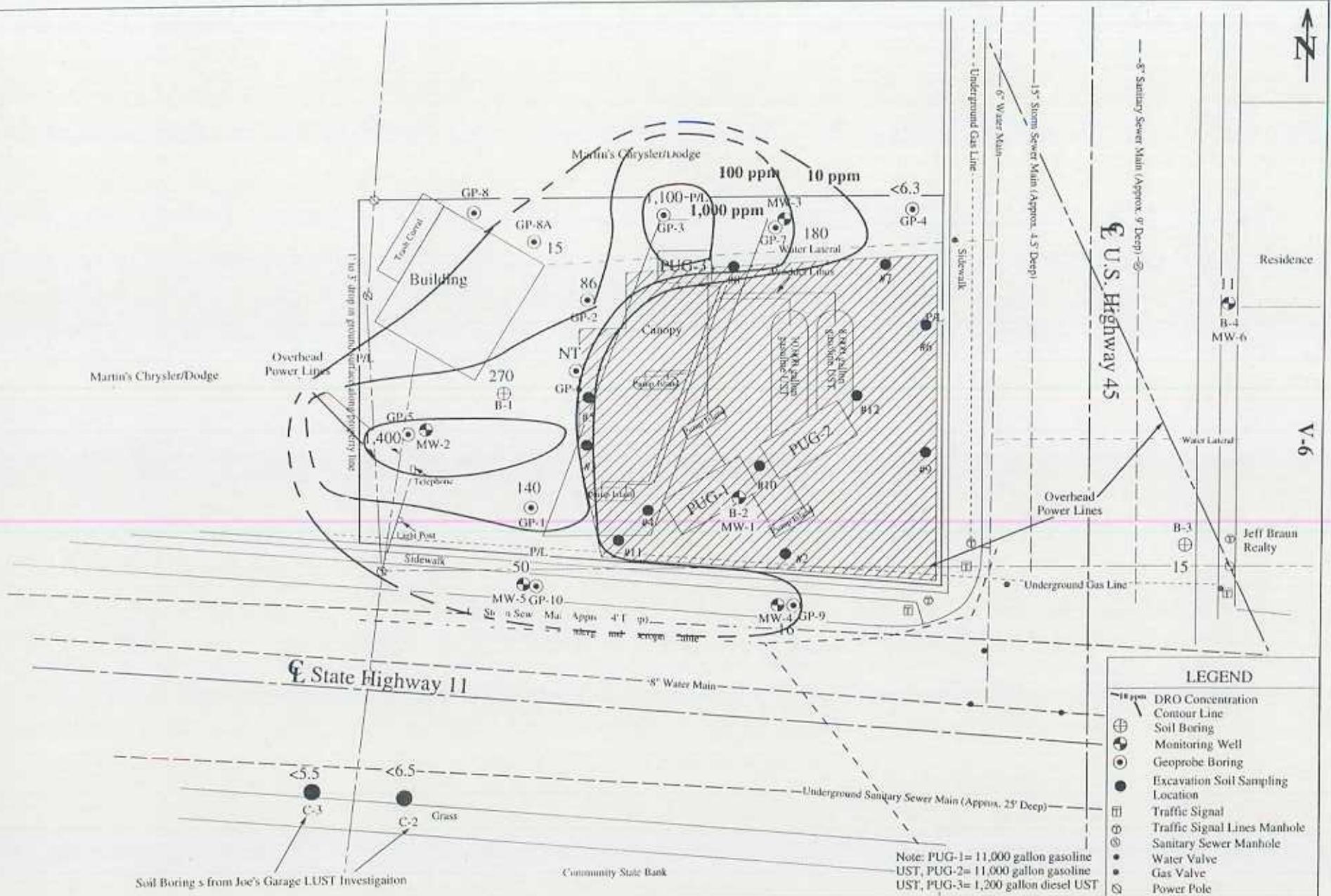


Figure 5.2. Plume of GRO in Soil

Date	Drawn by	Project no.	Date
May 4, 1999	M.J.P.	2041	
SCALE	Checked by		
0' 15' 30'	P.N.S.		

Owner Pugh Oil Company	Engineer K. SINGH & ASSOCIATES, INC., Engineers & Environmental Management Consultants 1135 Legion Drive, Elm Grove, Wisconsin 53122, (414) 821-1171
PROJECT LOCATION Former Martin's White Flash 1436 Main Street Union Grove, WI 53182	



Note: PUG-1= 11,000 gallon gasoline UST, PUG-2= 11,000 gallon gasoline UST, PUG-3= 1,200 gallon diesel UST

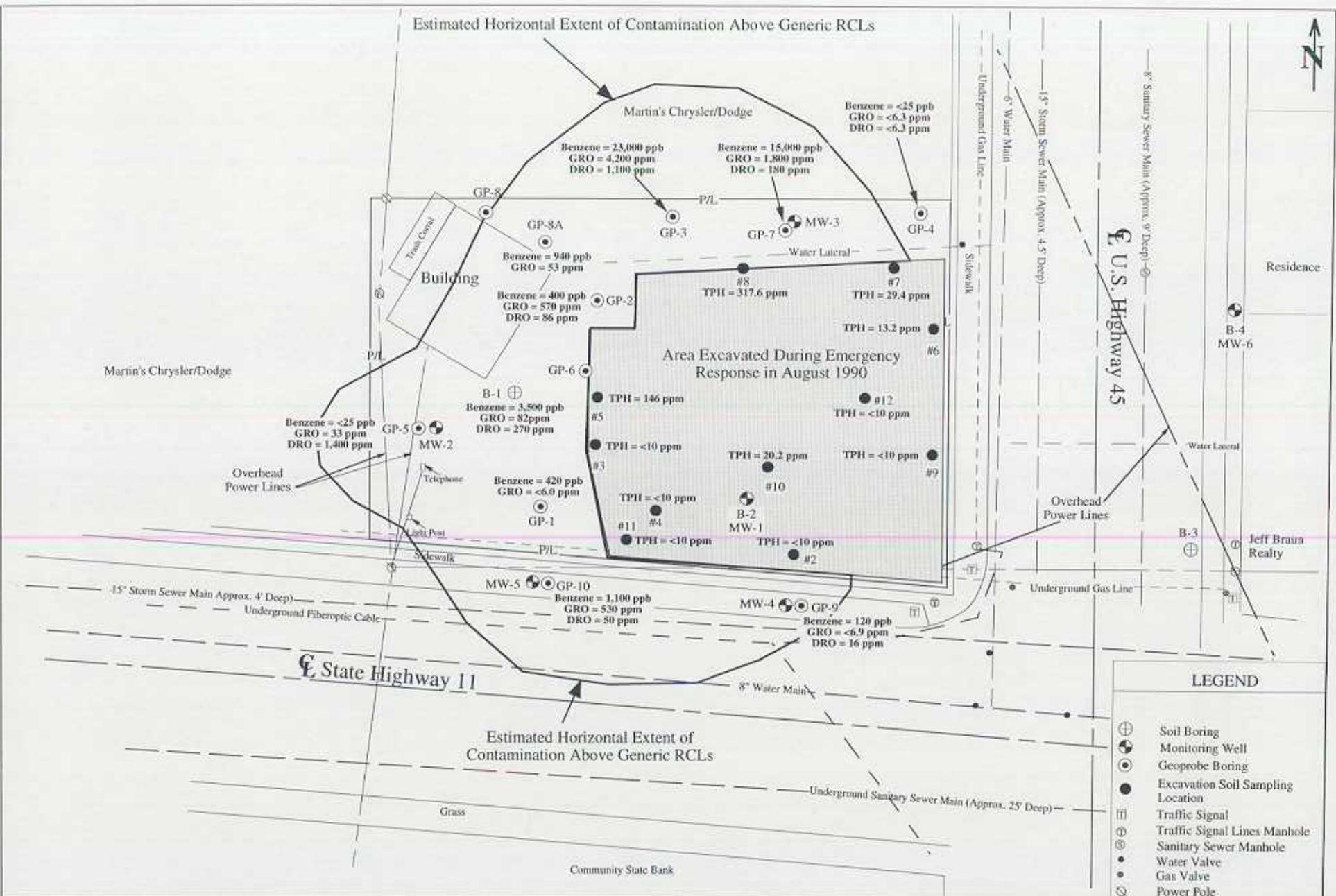
Figure 5.3. Plume of DRO in Soil

OWNER
Pugh Oil Company

PROJECT LOCATION
Former Martin's White Flash
1436 Main Street
Union Grove, WI 53182

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

Date May 4, 1999	Drawn by M.J.P.	Project no. 2041	Date
SCALE 0 15 30		Checked by P.N.S.	



Martin's Chrysler/Dodge

Estimated Horizontal Extent of Contamination Above Generic RCLs

Area Excavated During Emergency Response in August 1990

LEGEND

Owner
Pugh Oil Company

Engineer

PROJECT LOCATION
Former Martin's White Flash
1436 Main Street
Union Grove, WI 53182

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

Figure 5: Estimated Residual Soil Contaminant Plume

Date May 4, 1999	Drawn by M.J.P.	Project no. 2041	Date
SCALE 0' 15' 30'		Checked by P.N.S.	

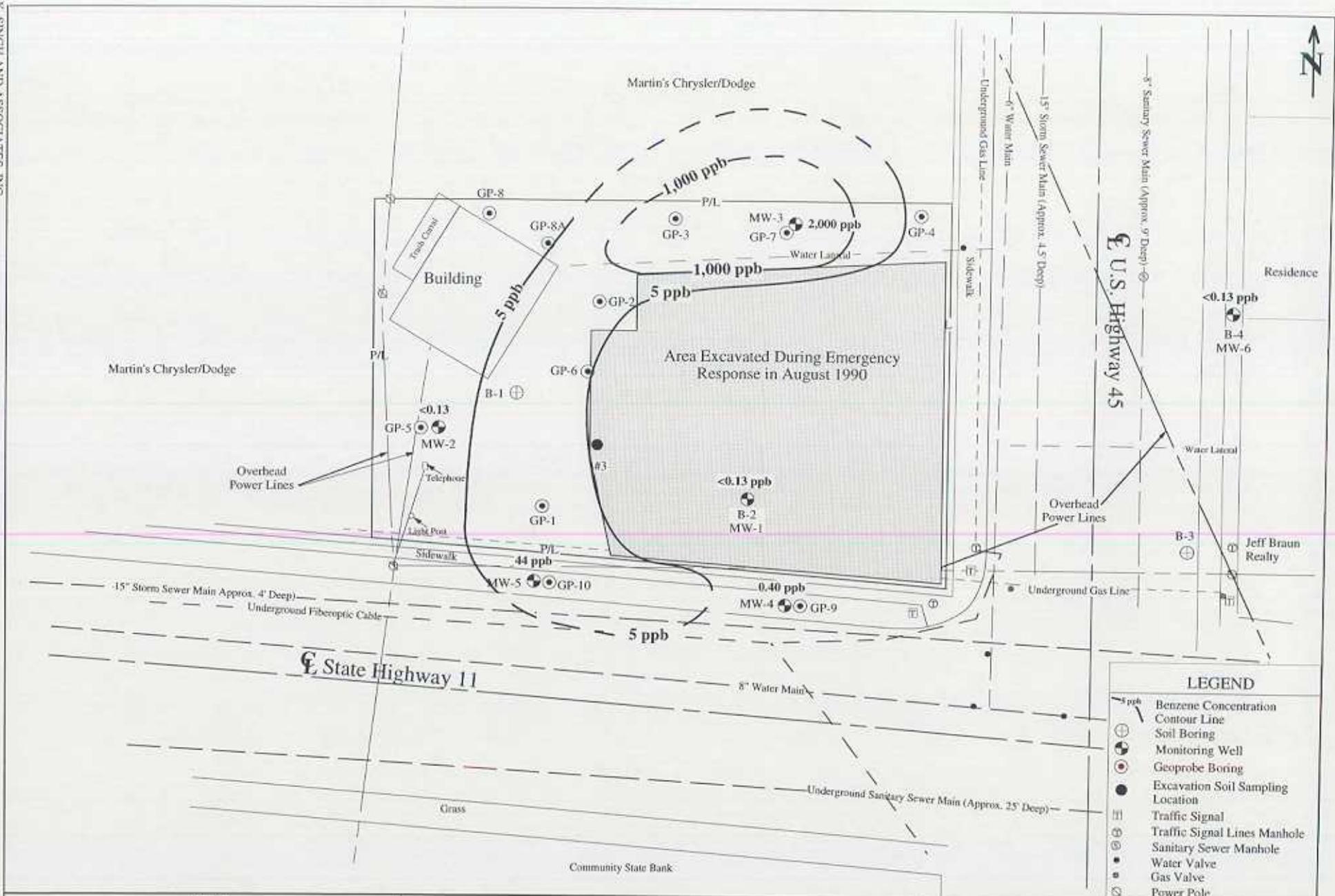


Figure 1. Plume of Benzene in Groundwater- April 2002

Owner
Pugh Oil Company
 PROJECT LOCATION
 Former Martin's White Flash
 1436 Main Street
 Union Grove, WI 53182

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

Date May 4, 1999	Drawn by M.J.P.	Project no. 2041	Date
SCALE 0 15' 30'		Checked by P.N.S.	

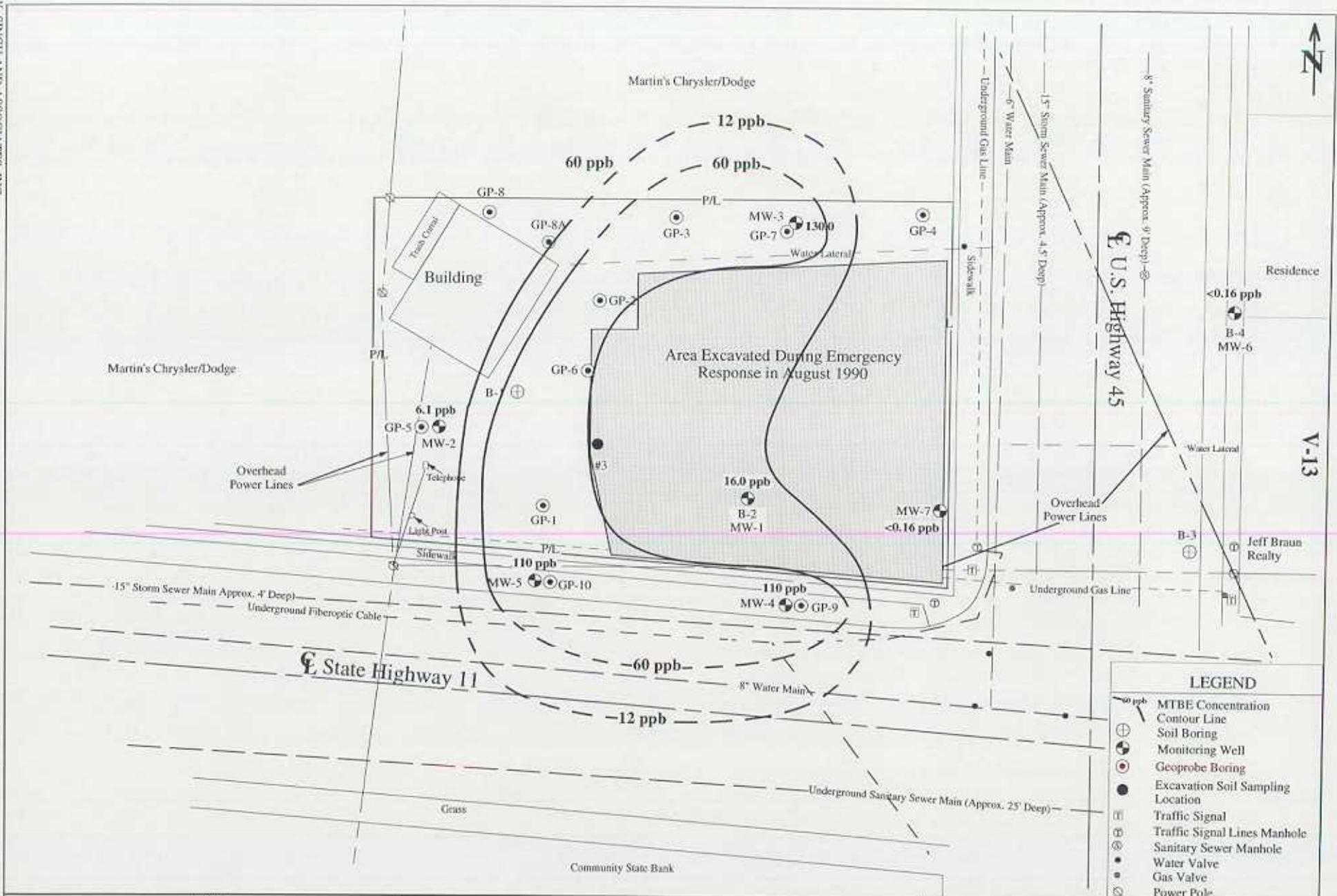
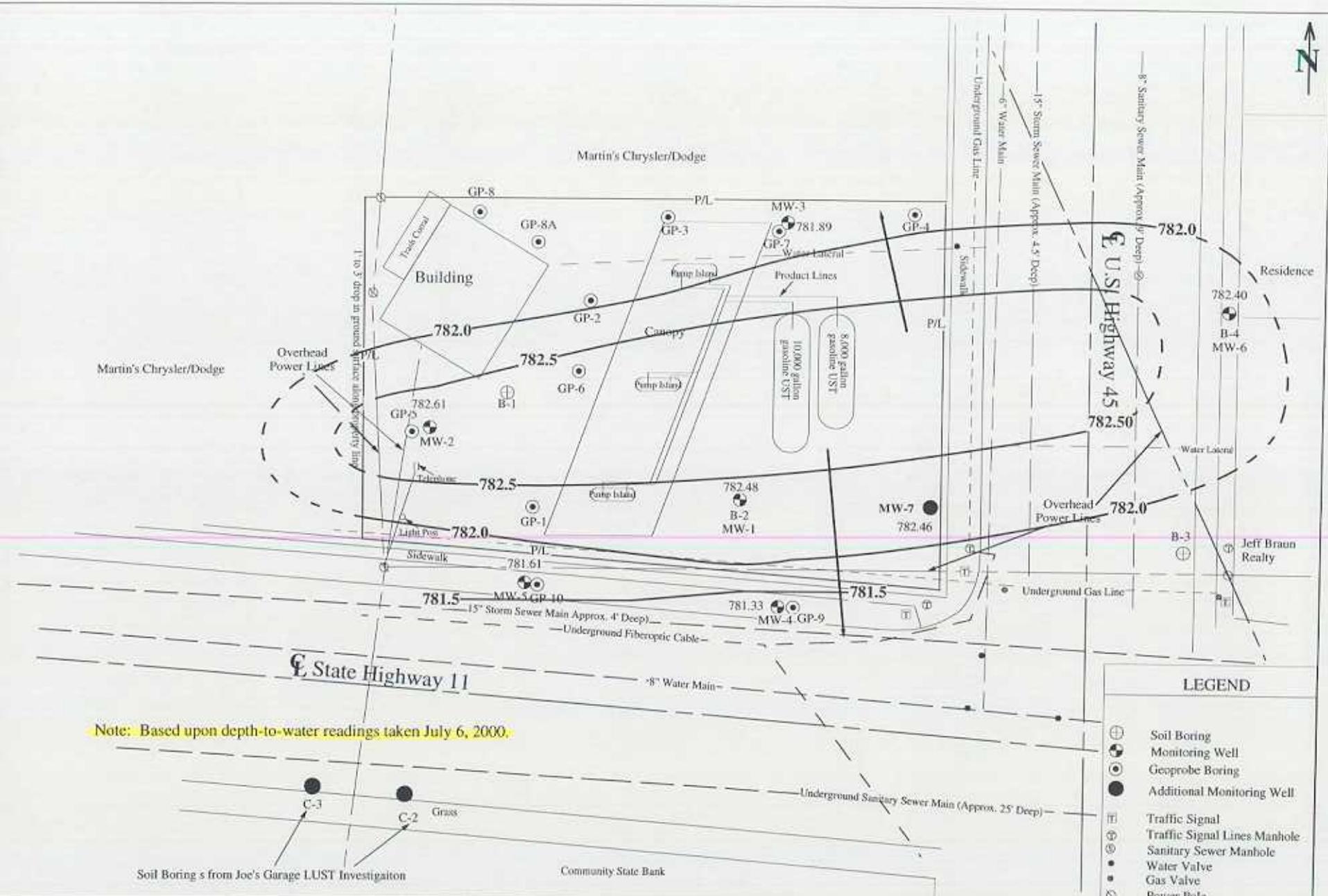


Figure 6. Plume of MTBE in Groundwater- April 2002

Owner
Pugh Oil Company
PROJECT LOCATION
 Former Martin's White Flash
 1436 Main Street
 Union Grove, WI 53182

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

Date May 4, 1999	Drawn by M.J.P.	Project no. 2041	Date
SCALE 0' 15' 30'		Checked by P.N.S.	



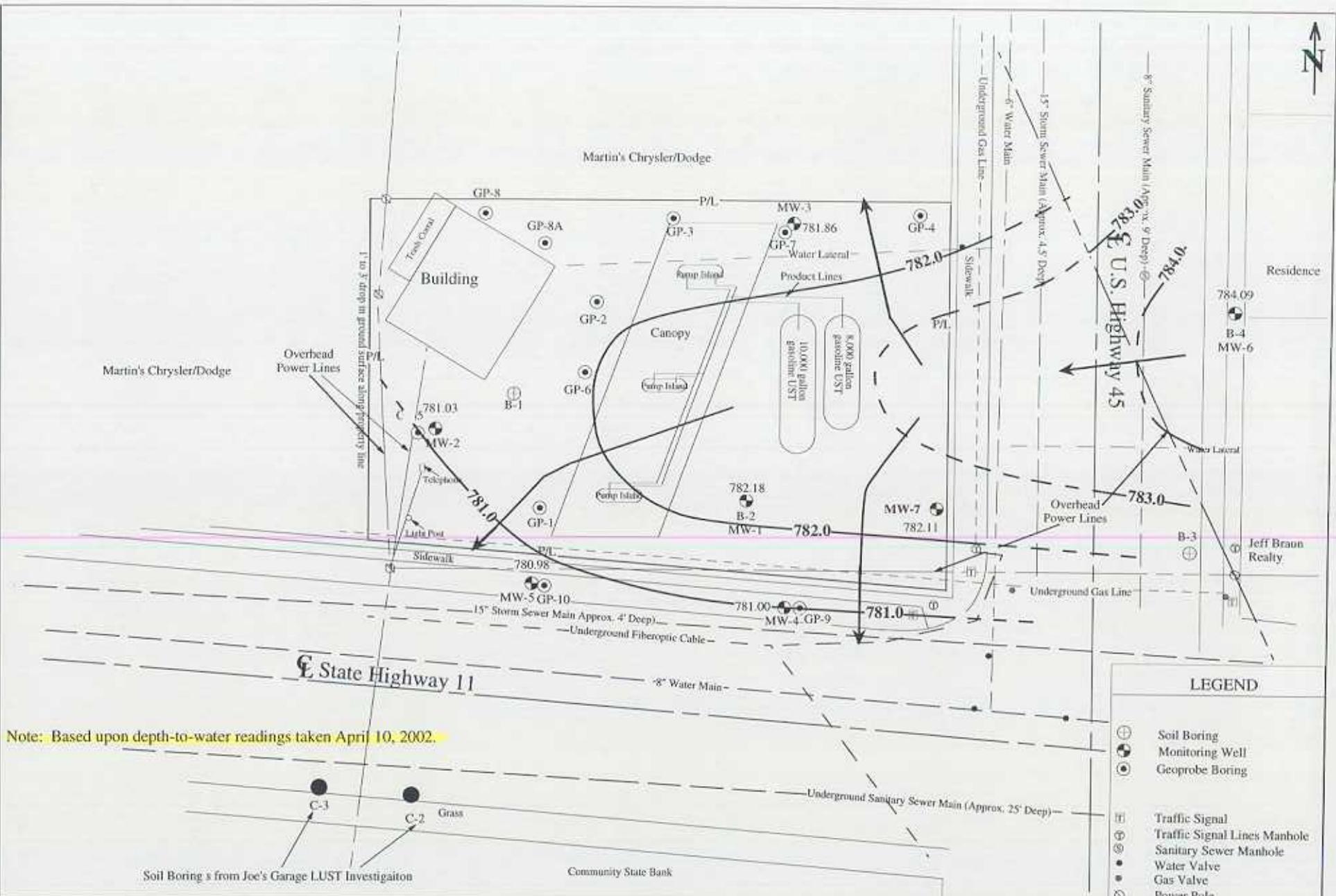
Note: Based upon depth-to-water readings taken July 6, 2000.

LEGEND	
⊕	Soil Boring
⊙	Monitoring Well
⊗	Geoprobe Boring
●	Additional Monitoring Well
⊕	Traffic Signal
⊕	Traffic Signal Lines Manhole
⊕	Sanitary Sewer Manhole
●	Water Valve
●	Gas Valve
⊗	Power Pole

Owner
Pugh Oil Company
PROJECT LOCATION
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 Engineers & Environmental Management Consultants
 1135 Legion Drive, Elm Grove, Wisconsin 53122, (414) 821-1171

Figure 2: Groundwater Elevation Contour Map (7-6-00)			
Date May 4, 1999	Drawn by M.J.P.	Project no. 2041	Date
SCALE 0' 15' 30'		Checked by P.N.S.	



Note: Based upon depth-to-water readings taken April 10, 2002.

LEGEND	
⊕	Soil Boring
⊗	Monitoring Well
⊙	Geoprobe Boring
⊠	Traffic Signal
⊕	Traffic Signal Lines Manhole
⊙	Sanitary Sewer Manhole
●	Water Valve
●	Gas Valve
⊙	Power Pole

Owner
Pugh Oil Company

PROJECT LOCATION
Former Martin's White Flash
1436 Main Street
Union Grove, WI 53182

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

Figure 2: Groundwater Elevation Contour Map (4-10-02)			
Date May 4, 1999	Drawn by M.J.P.	Project no. 2041	Date
SCALE 0' 15' 30'		Checked by P.N.S.	

Table 2.1
 Summary of Soil Quality Test Results from Excavation- August 1990

Sample No.	Sample Location	Benzene	Ethylbenzene	Toluene	Total Xylenes	TPH	Lead
	ft	ppb	ppb	ppb	ppb	ppm	ppm
1	Grab Sample	<5.0	6.0	6.0	43	NT	NT
2	South Wall, 7'	NT	NT	NT	NT	<10	NT
3	West Wall, 6'	NT	NT	NT	NT	<10	NT
4	Bottomside, 12'	NT	NT	NT	NT	<10	NT
5	West Wall, 8'	NT	NT	NT	NT	146.0	NT
6	East North, 11'	NT	NT	NT	NT	13.2	NT
7	North East, 7'	NT	NT	NT	NT	29.4	NT
8	North, 7'	NT	NT	NT	NT	317.6	NT
9	East, 5'	NT	NT	NT	NT	<10	NT
10	Bottom, 16'	NT	NT	NT	NT	20.2	8.2
11	Bottom, 10'	NT	NT	NT	NT	<10	7.8
12	North, Bottom	NT	NT	NT	NT	<10	4.5

Note: NT= Not Tested
 TPH= Total Petroleum Hydrocarbons

Table 5.1
Summary of Soil Quality Test Results
Martin's White Flash, 1436 Main Street, Union Grove, WI

Sample ID	Sample Depth	PID Reading	Benzene	Toluene	Ethylbenzene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	GRO	DRO	Lead
	ft	Inst. Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm
GP-1	1-3	30	420	39	80	180	40	32	<25	<6.0	NT	NT
	5-7	168	3,400	1,300	14,000	39,000	41,000	13,000	2,000	440	140	13
	13-15	20	82	38	210	570	550	200	62	<5.6	NT	NT
GP-2	3-5	290	400	350	5,100	16,000	36,000	14,000	<250	570	86	14
	11-13	BK	<25	35	<25	<25	<25	<25	<25	<5.6	NT	NT
GP-3	5-7	186	23,000	100,000	88,000	300,000	270,000	110,000	5,700	4,200	1,100	48
	11-13	BK	33	64	39	130	170	71	<25	<6.3	NT	NT
GP-4	5-7	BK	<25	<25	<25	<25	<25	<25	<25	<6.3	<6.3	61
GP-5	5-7	6	<25	<25	30	79	170	190	79	33	1,400	8.6
	11-13	BK	<25	58	<25	35	29	<25	<25	<5.8	NT	NT
GP-7	7-9	250	15,000	64,000	34,000	100,000	79,000	30,000	10,000	1,800	180	7.6
	11-13	20	370	66	67	56	69	<25	<25	<5.9	NT	NT
GP-8A	7-9	38	940	94	1,900	1,500	3,400	360	150	53	15	7.7
	11-13	2	<25	45	160	400	430	170	55	9.5	NT	NT
GP-9	6-8	64	120	180	130	230	110	160	<25	<6.9	16	8.9
	14-16	BK	110	<25	<25	<25	<25	<25	<25	<6.0	NT	NT
GP-10	6-8	210	1,100	310	6,400	17,000	17,000	6,700	<25	530	50	12
	12-14	BK	31	44	55	170	140	74	<25	<5.6	NT	NT
B-1	8.5-10	46	3,500	<250	3,000	2,500	4,400	800	270	82	270	7.0
	13.5-15	BK	<25	<25	<25	<25	540	<25	<25	<5.9	NT	NT
B-2	NT	---	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
B-3	6-7.5	BK	<25	<25	<25	<25	<25	<25	<25	<5.8	15	9.1
B-4	6-7.5	BK	<25	<25	<25	<25	<25	<25	<25	<5.5	11	3.7
NR 720 Standard			5.5	1,500	2,900	4,100	---	---	---	100	100	---
NR 746.05 Table 1 Standards			8,500	38,000	4,600	42,000	83,000	11,000	---	---	---	---
NR 746.06 Table 2 Standards			1,100	---	---	---	---	---	---	---	---	---

Notes: Soil encountered during the drilling of B-2 was excavation fill material and were not submitted for laboratory analysis.

TMB = Trimethyl Benzene

MTBE = Methyl Tertiary-Butyl Ether

"PID" = Photoionization Detector

6,400 = Concentration exceeds NR 746.06 Table 1 Standards

Table 1
Summary of Groundwater Quality Test Results
Martin's White Flash, 1436 Main Street, Union Grove, WI

Location	Date	Benzene	Ethylbenzene	Toluene	Total Xylenes	MTBE	Trimethylbenzenes	Naphthalene	GRO	DRO	Dissolved Lead
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppb
MW-1	6/24/99	<0.5	<0.5	<0.5	<0.5	75	<2.0	<2.0	<0.050	0.19	7.3
	12/28/99	1.0	<0.5	<0.5	<0.5	67	<2.0	NT	<0.050	NT	NT
	4/12/00	<0.5	<0.5	0.6	<0.5	37	<2.0	NT	<0.050	NT	NT
	7/12/00	<0.5	<0.5	<0.5	<0.5	29.5	<2.0	NT	<0.050	NT	NT
	4/10/02	<0.13	<0.22	<0.20	<0.23	16.0	<0.51	NT	NT	NT	NT
MW-2	7/19/99	<0.5	<0.5	<0.5	<0.5	3.2	<2.0	<2.0	0.079	NT	NT
	12/28/99	<0.5	<0.5	<0.5	<0.5	7.2	<2.0	NT	<0.050	NT	NT
	4/12/00	<0.5	<0.5	<0.5	<0.5	5.1	<2.0	NT	<0.050	NT	NT
	7/12/00	<0.5	<0.5	<0.5	<0.5	5.5	<2.0	NT	<0.050	NT	NT
	4/10/02	<0.13	<0.22	<0.20	<0.23	6.1	<0.51	NT	NT	NT	NT
MW-3	6/24/99	8,400	1,600	4,100	5,000	79	1,240	710*/460#	29	NT*	4.7
	12/28/99	3,800	590	710	1,400	87	425	NT	12	NT	NT
	4/12/00	6,120	1,210	377	2,490	44.2	1,058	162#	12.3	NT	NT
	7/12/00	2,190	519	48.7	402	135	317.7	49.4#	6.4	NT	NT
	4/10/02	2,000	260	52	990	130	354	140*	NT	NT	NT
MW-4	12/28/99	16	<0.5	0.58	0.52	140	<2.0	<2.0	0.053	NT	NT
	4/12/00	0.904	0.542	<0.5	0.66	100	<2.0	NT	0.052	NT	<5.0
	7/12/00	1.21	<0.5	<0.5	<0.5	104	<2.0	NT	<0.050	NT	NT
	4/10/02	0.40	<0.22	<0.20	<0.23	110	<0.51	NT	NT	NT	NT
MW-5	12/28/99	250	65	<25	100	220	<100	<100	0.67	NT	<5.0
	4/12/00	161	133	2.9	121	201	144	NT	1.63	NT	NT
	7/12/00	261	105	7.77	101	213	43.8	NT	1.29	NT	NT
	4/10/02	44	18	1.40	14	110	20.29	3.8*	NT	NT	NT
MW-6	12/28/99	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/12/00	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<2.0	<0.050	NT	<5.0
	7/12/00	<0.5	<0.5	<0.5	0.580	<0.5	<2.0	NT	<0.050	NT	NT
	4/10/02	<0.13	<0.22	<0.20	<0.23	<0.16	<0.51	NT	NT	NT	NT

Table 1
Summary of Groundwater Quality Test Results
Martin's White Flash, 1436 Main Street, Union Grove, WI

Location	Date	Benzene	Ethylbenzene	Toluene	Total Xylenes	MTBE	Trimethylbenzenes	Naphthalene	GRO	DRO	Dissolved Lead
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppb
MW-7	6/4/01	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<2.0	NT	NT	NT
	4/10/02	<0.13	<0.22	<0.20	<0.23	<0.16	<0.51	NT	NT	NT	NT
ES PAL		5	700	1,000	10,000	60	480	40	---	---	15
		0.5	140	200	1000	12	96	8	---	---	1.5

Note: TMB= Trimethyl Benzene

MTBE= Methyl tert-butyl ether

Bold values indicate an exceedance of the Enforcement Standard as set forth in NR 140

NT= Not Tested

*=Naphthalene Concentration noted in VOC scan

#=Naphthalene Concentration noted in PAH scan

Table 2
 Summary of Groundwater Elevation Data
 Martin's White Flash, 1436 Main Street, Union Grove, WI

Monitoring Well Designation	PVC Elevation	Depth to Water 7/19/99	Groundwater Elevation 7/19/99	Depth to Water 4/21/00	Groundwater Elevation 4/21/00	Depth to Water 7/6/00	Groundwater Elevation 7/6/00	Depth to Water 9/12/00	Groundwater Elevation 9/12/00
MW-1	787.26	5.00	782.26	5.76	781.50	4.60	782.66	4.78	782.48
MW-2	785.73	5.70	780.03	5.24	780.49	3.64	782.09	4.22	781.51
MW-3	787.64	6.24	781.40	5.97	781.67	5.92	781.72	6.29	781.35
MW-4	787.32	*	*	7.96	779.36	7.56	779.76	7.32	780.00
MW-5	785.42	*	*	4.04	781.38	3.70	781.72	3.88	781.54
MW-6	789.17	*	*	9.10	780.07	6.98	782.19	8.70	780.47
MW-7	788.42	*	*	*	*	*	*	*	*

Monitoring Well Designation	PVC Elevation	Depth to Water 6/4/01	Groundwater Elevation 6/4/01	Depth to Water 4/10/02	Groundwater Elevation 4/10/02
MW-1	787.26	4.78	782.48	5.08	782.18
MW-2	785.73	3.12	782.61	4.70	781.03
MW-3	787.64	5.75	781.89	5.78	781.86
MW-4	787.32	5.99	781.33	6.32	781.00
MW-5	785.42	3.81	781.61	4.44	780.98
MW-6	789.17	6.77	782.40	5.08	784.09
MW-7	788.42	5.96	782.46	6.31	782.11

Note: All elevations are given in feet, MSL.
 *= Monitoring well was not installed on the date measurements were taken.

NT= Measurement not taken

MAR 17 2003

W. H. PUGH OIL CO.

200 DODGE STREET RACINE, WI 53402
PHONE: 262-632-4492 FAX: 262-632-1732

"HOME OWNED & OPERATED"
SINCE 1850

March 13, 2003

Mr. Bill Martin, Sr.
Martin's Chrysler / Dodge
P.O. Box 85
Union Grove, WI 53182

Subject: Case Closure Request for Martin's White Flash (W.H. Pugh Oil Company),
1436 Main Street, Union Grove, Wisconsin, 53182

Dear Mr. Martin:

Groundwater contamination that appears to have originated on the property located at 1436 Main Street, Union Grove, Wisconsin has migrated onto your property at 1422 Main Street, Union Grove, Wisconsin. The levels of benzene and methyl tertiary butyl ether (MTBE) in groundwater on your property are above the state groundwater enforcement standards found in chapter NR 140, Wisconsin Administrative Code. However, the environmental consultants who have investigated this contamination have informed me that the groundwater plume is receding and will naturally degrade over time. I believe that by allowing natural attenuation to complete the cleanup, this site will meet the requirements for case closure that are found in chapter NR 726 or chapter NR 746, Wisconsin Administrative Code, and I will be requesting the Department of Commerce to accept natural attenuation as the final remedy for this site and grant closure. Closure means that the Department will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

Since this known source of groundwater contamination is not on your 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. You will be responsible for groundwater contamination resulting from releases from underground storage tanks located on your 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, to obtain a copy of the Department of Natural Resources' publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination.

The Department of Commerce will not review my closure request for at least 30 days after the date of this letter. As an affected property owner, you have the right to contact the Department to provide any technical information that you may have that closure should not be granted for this site. If you would like to submit any information to the Department of Commerce that is relevant to the closure request, you should mail the information to: Mr. Greg Michael, 101 West Pleasant Street, Suite 100A, Milwaukee, Wisconsin 53212.

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds chapter 140 groundwater enforcement standards will be listed on the Wisconsin Department of Natural Resources' geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above chapter 140 enforcement standards was found at the time the case was closed. The GIS Registry will be available to the general public on the Department of Natural Resources' internet web site. Please review the enclosed legal description of your property, and notify me within the next 30 days if the legal description is incorrect.

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 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 because 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.

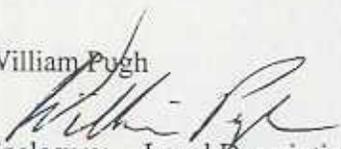
Once the Department makes a decision on my closure request, it will be documented in a letter. If the Department grants closure, you may obtain a copy of this letter by requesting a copy from me, by writing to the agency address given above or by accessing the DNR GIS registry of Closed Remediation Sites on the internet at www.dnr.state.wi.us/org/at/et/geo/gwur. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

If you need more information, you may contact me at W.H. Pugh Oil Company, 200 Dodge Street, Racine, Wisconsin (262-632-4492), or you may contact Mr. Greg Michael of the Wisconsin Department of Commerce, 101 West Pleasant Street, Suite 100A, Milwaukee, Wisconsin 53212 (414-220-5375).

Sincerely,

W.H. Pugh Oil Company

William Pugh


Enclosure: Legal Description (1422 Main Street, Union Grove, WI)

Martin's Garage, 1422 Main Street, Union Grove, WI

That part of the Northeast 1/4 of Section 31, Township 3 North, Range 21 East, Village of Union Grove, described as follows: Commence at a point on the East line of Section (being the centerline of Main Street) at the intersection of said line with the center line of State Trunk Highway 11 (said point being 1213.45 feet South of the Northeast corner of Section) thence running North along the section line 165.00 feet to a point, said point marks the place of beginning of parcel of land hereinafter described, thence continue North along the section line 129.00 feet to a point, thence West perpendicular to section line 191.00 feet to a point, thence North parallel to the East line of section 77.25 feet to a point, thence East 17.00 feet to a point, thence parallel to the East line of section 88.70 feet to an iron stake, thence West perpendicular to East line of section 123.00 feet to cross cut in sidewalk, thence South parallel to East line of section 437.70 feet to a point in the centerline of State Trunk Highway 11 (indicated as center line of Racine and Burlington Road in deed of Jacob and Elizabeth Menheer to William W. and Hilda Martin, dated September 7, 1949 and recorded in Volume 493, Pages 684 and 685 of Deed, Register of Deeds Office of Racine County, Document Number 551819) thence South $85^{\circ} 41'$ East 132.38 feet along the center line of State Trunk Highway 11 to a point, thence North parallel to east line of section 152.59 feet to an iron stake (said stake being 165.00 feet West of place of beginning, perpendicular to East line of section) thence East 165.00 feet to place of beginning.

Subject to highway reservation for State Trunk Highway 11 and Main Street of the Village of Union Grove, Racine County, Wisconsin.



K. SINGH & ASSOCIATES, INC.

Engineers, Scientists and Environmental Management Consultants

March 11, 2003

Ms. Sharlene TeBeest
Wisconsin Department of Transportation
Bureau of Environment
4802 Sheboygan Avenue, Room 451
P.O. Box 7965
Madison, WI 53707-7965

Subject: Notification of Petroleum Contamination within Highway Right-of-Way,
Martin's White Flash, 1436 Main Street, Union Grove, WI 53182

Dear Ms. TeBeest:

We are pleased to provide the Department with the information required to complete the off-site notification. The pertinent data has been summarized below for your review:

County: Racine
Highway: STH 11
Site Name: Martin's White Flash (W.H. Pugh Oil Company)
BRRS#: 03-52-000999
PECFA #: 53182-1505-36
FID #: 252060380

Owners Name: Mr. William Pugh
W.H. Pugh Oil Company
200 Dodge Street
Racine, WI 53402

Consulting Firm: K. Singh & Associates, Inc.
Pratap N. Singh, Ph.D., P.E.
1135 Legion Drive
Elm Grove, WI 53122
Phone: (262) 821-1171
Fax: (262) 821-1174
eMail: singh@execpc.com

Soil Contamination: Yes
Depth to Contaminated Soil: 2 feet below grade
Vertical Extent of Contamination Soil: 2 to 12 feet below grade

Groundwater Contamination: Yes
Depth to Groundwater: 4 to 6 feet below grade

Ms. Sharlene TeBeest
Page 2

Contamination Present: Leaded Gasoline, Unleaded Gasoline, Diesel Fuel

Cleanup Activity: Approximately 3,000 tons of petroleum impacted soil were excavated from within the property limits and transported off-site for landfill disposal. Due to the cohesive nature of native soils, no active groundwater remediation has been performed at the site.

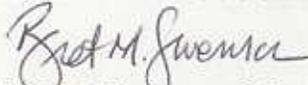
Residual Groundwater Contaminant Plume: Refer to Attachment (Figure 1). Please note that the scale may have been altered slightly during the scanning process.

Residual Soil Contaminant Plume: Refer to Attachment (Figure 2). Please note that the scale may have been altered slightly during the scanning process.

Please contact me at (262) 821-1171 if you have any questions regarding this notification.

Sincerely,

K. SINGH & ASSOCIATES, INC.



Bret M. Swenson, P.G.
Project Hydrogeologist



K. SINGH & ASSOCIATES, INC.

Engineers, Scientists and Environmental Management Consultants

March 11, 2003

Mr. Glenn Lampark
Racine County Department of Public Works
14200 Washington Avenue
Sturtevant, WI 53177

Project #2041

Subject: Notification of Residual Contaminated Soil Within Highway Right-of-Way,
Martin's White Flash, 1436 Main Street, Union Grove, WI 53182

Dear Mr. Lampark:

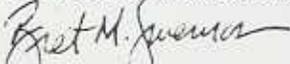
Case closure for the above referenced site is currently being requested through the Wisconsin Department of Commerce. As a condition of closure, written notification of residual soil and groundwater contamination is required to be forwarded to agencies responsible for maintenance of highways. This information is to inform you of the potential for contact with residual petroleum impacted soil and groundwater when working with the right-of-way of State Highway 11 and U.S. Highway 45 adjacent to the referenced property. A layout of the referenced site (Figure 1) is included in Attachment A.

The spatial extent of petroleum contamination was delineated through soil and groundwater sampling. The investigation confirmed soil contamination within the right-of-way of State Highway 11. No confirmed petroleum contamination was detected within the U.S. Highway 45 right-of-way, but the potential for contamination exists. Figures 2 and 3, included in Attachment A, provide plan views of the estimated residual groundwater and soil contaminant plumes. Groundwater quality test results of samples collected in April 2002 are shown in Figure 2. Soil quality test results of samples collected during the excavation and remedial investigation are shown in Figure 3. No human direct contact hazards are present on-site or within the right-of-way. Please note that the Wisconsin Department of Transportation has been notified of the contamination.

If you have any questions regarding this notification, please contact Mr. Greg Michael of Wisconsin Department of Commerce, 101 West Pleasant Street, Suite 100A, Milwaukee, WI 53212. Mr. Michael can also be reached by phone at (414) 220-5375.

Sincerely,

K. SINGH & ASSOCIATES, INC.


Bret M. Swenson, P.G.
Project Hydrogeologist


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

Encl: Attachment A (Site Figures)

CC: William Pugh / W.H. Pugh Oil Company
Kamala Singh / PECFA Claim File



K. SINGH & ASSOCIATES, INC.

Engineers, Scientists and Environmental Management Consultants

March 11, 2003

Ms. Christine Rademacher
Village Administrator
1015 State Street
Union Grove, WI 53182

Project #2041

Subject: Notification of Residual Contaminated Soil Within Highway Right-of-Way,
Martin's White Flash, 1436 Main Street, Union Grove, WI 53182

Dear Ms. Rademacher:

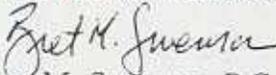
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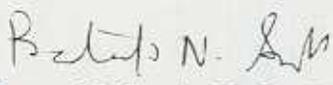
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If you have any questions regarding this notification, please contact Mr. Greg Michael of Wisconsin Department of Commerce, 101 West Pleasant Street, Suite 100A, Milwaukee, WI 53212. Mr. Michael can also be reached by phone at (414) 220-5375.

Sincerely,

K. SINGH & ASSOCIATES, INC.


Bret M. Swenson, P.G.
Project Hydrogeologist


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

Encl: Attachment A (Site Figures)

CC: William Pugh / W.H. Pugh Oil Company
Kamala Singh / PECFA Claim File