

GIS Registry Disclaimer

This case was closed by the DNR prior to August 1, 2002, when DNR began adding approved cleanups with residual soil contamination into the GIS Registry. Certain documents that are currently required by ch. NR 726, Wis. Adm. Code may therefore not be included in this packet as they were unavailable at the time the original case was closed.

The information contained in this document was assembled by DNR from a previously closed case file, and added to the GIS Registry to provide the public with information on closed sites with residual soil and/or groundwater contamination remaining above applicable state standards.

Source Property Information

CLOSURE DATE: 08/25/2000

BRRTS #:

03-24-000702

ACTIVITY NAME:

AMOCO

FID #:

424041420

PROPERTY ADDRESS:

247 Ripon Rd

DATCP #:

MUNICIPALITY:

Berlin

PECFA#:

54923213147A

PARCEL ID #:

206082100

***WTM COORDINATES:**

WTM COORDINATES REPRESENT:

X:

604934

Y:

388366

Approximate Center Of Contaminant Source

** Coordinates are in
WTM83, NAD83 (1991)*

Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

CONTINUING OBLIGATIONS

Contaminated Media for Residual Contamination:

Groundwater Contamination > ES (236)

Soil Contamination > *RCL or **SSRCL (232)

Contamination in ROW

Contamination in ROW

Off-Source Contamination

Off-Source Contamination

*(note: for list of off-source properties
see "Impacted Off-Source Property Information,
Form 4400-246")*

*(note: for list of off-source properties
see "Impacted Off-Source Property Information,
Form 4400-246")*

Site Specific Obligations:

Soil: maintain industrial zoning (220)

Cover or Barrier (222)

*(note: soil contamination concentrations
between non-industrial and industrial levels)*

Direct Contact

Structural Impediment (224)

Soil to GW Pathway

Site Specific Condition (228)

Vapor Mitigation (226)

Maintain Liability Exemption (230)

*(note: local government unit or economic
development corporation was directed to
take a response action)*

Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? (234)

Yes No N/A

** Residual Contaminant Level*

***Site Specific Residual Contaminant Level*

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: (No Dashes) PARCEL ID #:
ACTIVITY NAME: WTM COORDINATES: X: Y:

CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)

- Closure Letter**
- Maintenance Plan** (if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)
- Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- Conditional Closure Letter**
- Certificate of Completion (COC)** (for VPLE sites)

SOURCE LEGAL DOCUMENTS

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).
Figure #: **Title:**
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

MAPS (meeting the visual aid requirements of s. NR 716.15(2)(h))

- Maps must be no larger than 11 x 17 inches unless the map is submitted electronically.
- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.
Figure #: 1 **Title: Site Location Map**
 - Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: 1 **Title: Pre-1984 Site Plan**
 - Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: 9 **Title: Estimated Extent of Remaining Contamination Exceeding NR720 Standards**

BRRTS #: 03-24-000702

ACTIVITY NAME: Amoco

MAPS (continued)

- Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

Figure #: 1 Title: Pre-1984 Site Plan

Figure #: 10-12 Title: Post Remedial Soil Section A-A', B-B', C-C'

- Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.

Note: This is intended to show the total area of contaminated groundwater.

Figure #: 13 Title: Estimated May 1999 PVOC Isoncentration Plan

- Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

Figure #: 14 Title: Estimated May 1999 Groundwater Contour Plan

Figure #: Title:

TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))

Tables must be no larger than 11 x 17 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

- Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.
Note: This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

Table #: 1 Title: Soil Analytical Test Results - Excavated Samples & Limited Samples

- Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

Table #: 4 Title: Historic Ground Water Test Results

- Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

Table #: 5 Title: Historic Ground Water Elevations (USGS)

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

Note: If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.

- Not Applicable**

- Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

Note: If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.

Figure #: Title:

- Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

- Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

- Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 03-24-000702

ACTIVITY NAME: Amoco

NOTIFICATIONS

Source Property

Not Applicable

Letter To Current Source Property Owner: If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

Return Receipt/Signature Confirmation: Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

Not Applicable

Letter To "Off-Source" Property Owners: Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.

Note: Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.

Number of "Off-Source" Letters:

Return Receipt/Signature Confirmation: Written proof of date on which confirmation was received for notifying any off-source property owner.

Deed of "Off-Source" Property: The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.

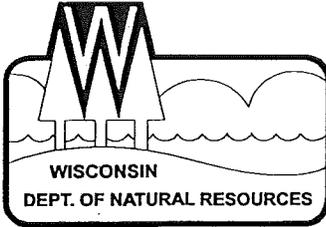
Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.

Certified Survey Map: A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

Figure #: **Title:**

Letter To "Governmental Unit/Right-Of-Way" Owners: Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

Number of "Governmental Unit/Right-Of-Way Owner" Letters: 1



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Ronald W. Kazmierczak, Regional Director

Oshkosh Service Center
625 E. County Rd Y, Suite 700
Oshkosh, Wisconsin 54901-9731
Telephone 920-424-3050
FAX 920-424-4404

August 25, 2000

Mr. Tom Reinsch
Condon Oil Company
PO Box 184
Ripon WI 54971-0184

SUBJECT: Closure of Berlin AMOCO Food Shop
WDNR BRRTS #03-24-000702

Dear Mr. Reinsch:

On January 18, 1991, the Wisconsin Department of Natural Resources provided a notice to you that the degree and extent of the petroleum contamination at the above named site was required to be investigated and remediated. We have since been informed that the required investigation and remediation has been accomplished.

On September 28, 1999, the above named site was reviewed by the Remediation and Redevelopment's Northeast Region Closure Committee for a determination as to whether or not the case qualified for closeout under ch. NR 726, Wis. Adm. Code.

The Department has received a copy of the completed groundwater use restriction for the above referenced site and proof of filing this record with the Waushara County Register of Deeds. Based on the investigative and remedial documentation provided to the Department, it appears that the petroleum contamination at the above named site has been remediated to the extent practicable under current site conditions. Therefore, conditional closure of this site has been granted and no further action is necessary at this time. In the future, this groundwater use restriction may be amended with approval from the Department if conditions change at the site and the residual contamination has been remediated.

On August 25, 2000 the Department received confirmation of monitoring well and sump abandonment submitted by Miller Engineers & Scientists on behalf of Condon Oil Company.

If you have any additional relevant information concerning this matter which was not formerly provided to the Department, you should submit this information to the Department for reevaluation.

The Department's records will reflect final "closure." If you have any questions regarding this determination, please contact me at 920-424-7890.

Sincerely,

Kevin D. McKnight
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: file
Todd Gruenwald, Miller Engineers & Scientists, 5308 S. 12th St., Sheboygan WI 53081-8099

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater contamination exceeding ch. NR 140 Wis. Adm. Code groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality does not comply with drinking water standards in ch. NR 809 Wis. Adm. Code is restricted by ch. NR 811 and NR 812, Wis. Adm. Code. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater, or its successor agency, to determine what specific requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed on this property unless applicable requirements are met.

If construction is proposed on this property that will require dewatering, or if groundwater is to be otherwise extracted from this property, while this groundwater use restriction is in effect, the groundwater shall be sampled and analyzed for contaminants that were previously detected on the property and any extracted groundwater shall be managed in compliance with applicable statutes and rules.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction benefits and is enforceable by the Wisconsin Department of Natural Resources, its successors or assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

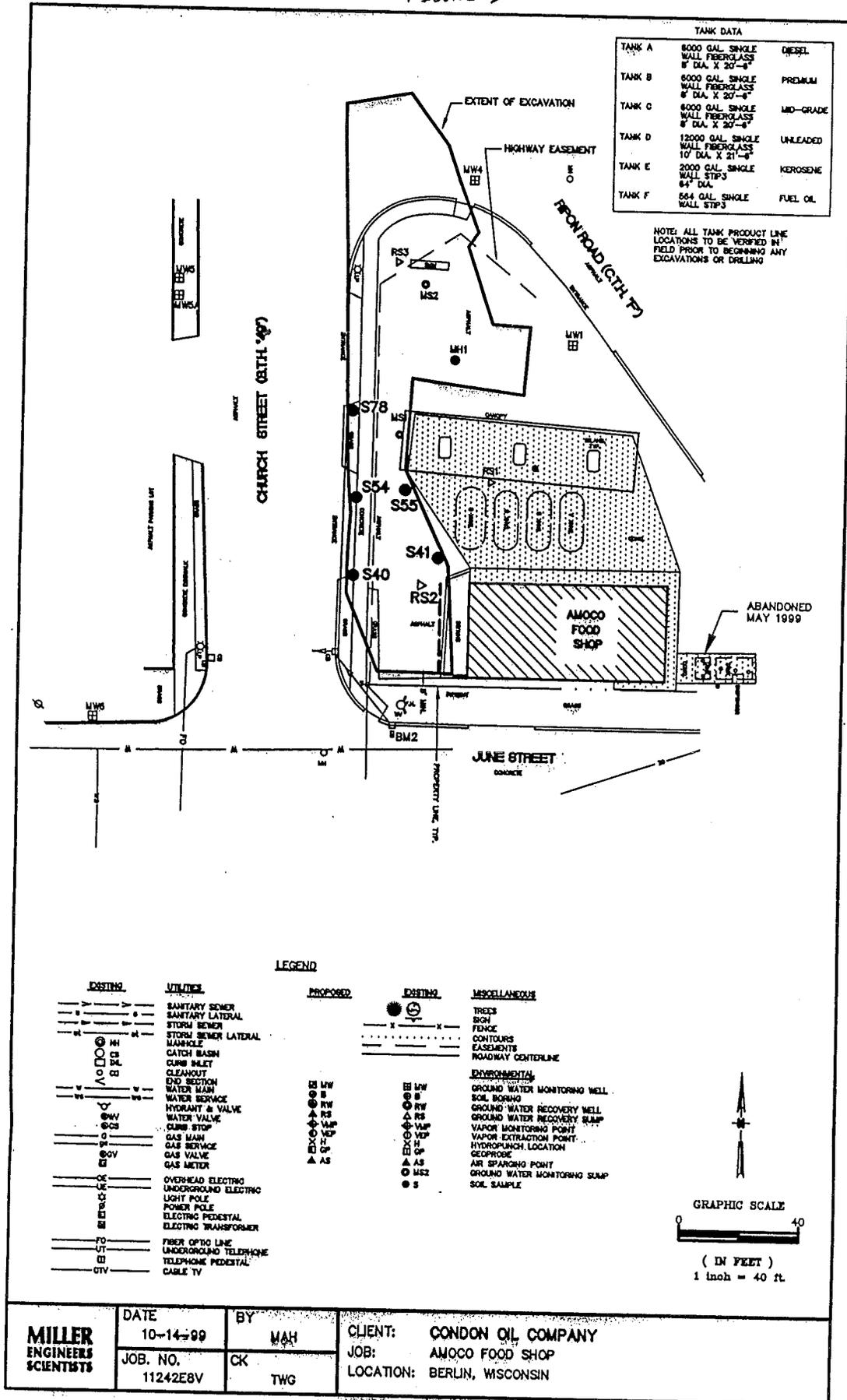
IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 23RD day of NOVEMBER, 1999.

Signature: *B. Kent Bauman*
Printed Name: B. KENT BAUMAN

Subscribed and sworn to before me
this 23RD day of NOVEMBER, 1999.
Cathy J. Bernier
Notary Public, State of WI
My commission 2-13-00

This document was drafted by the Wisconsin Department of Natural Resources based on information provided by Condon Oil Company, Inc.

FIGURE 1

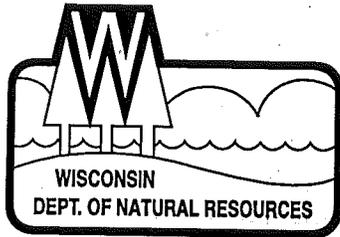


SITE PLAN

MILLER ENGINEERS SCIENTISTS

DATE	10-14-99	BY	MAH
JOB. NO.	11242E8V	CK	TWG

CLIENT: CONDON OIL COMPANY
 JOB: AMOCO FOOD SHOP
 LOCATION: BERLIN, WISCONSIN



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Ronald W. Kazmierczak, Regional Director

Oshkosh Service Center
625 E. County Rd. Y, Suite 700
Oshkosh, Wisconsin 54901
TELEPHONE 920-424-3050
FAX 920-424-4404

November 17, 1999

Mr. Tom Reinsch
Condon Oil Company
126 E. Jackson St.
Ripon WI 54971-0184

SUBJECT: Conditional Closure of Berlin Amoco
247 Ripon Rd., Berlin
BRRTS ID# 03-24-000702

Dear Mr. Reinsch:

The above referenced case file has been reviewed by the WDNR's Northeast Region Case Closure Committee. This panel reviews environmental remediation cases for compliance with state laws, standards, and guidelines to maintain consistency in the closeout of cases. After careful review, the Committee has decided to grant a *conditional* case closure. At this time, it appears that actions have been taken to the extent practicable to restore the environment and minimize the harmful effects from this discharge to the air, lands and waters of the state.

First Condition: Deed Restriction

Please find enclosed a draft groundwater use restriction/ soil restriction with attachments for the above referenced property, which has been completed based on information provided by you and your consultant, Miller Engineers and Scientists. This document should be reviewed and proofread for any errors or incorrect information. Please notify me in writing if there are any errors and corrections will be made and a final copy then sent to you. If this draft is complete and accurate and you have no corrections, you may use this draft document as a final and have the document signed, then file it with the Green Lake County Register of Deeds. If a groundwater use restriction is recorded for the wrong property because of an inaccurate legal description you have provided, you will be responsible for correcting the problem." *You must file the attached "Declaration of Restriction" with your county Register of Deeds office within 30 days and send proof of this filing to the Department within 60 days of the date of this letter.*

The attached restriction also includes maps which must be filed with the text. (The restriction is a Department standard format and has been drafted with oversight from Department attorneys. Please contact me if you have any questions or concerns regarding the restriction as written.)

Please note that case closure is dependent upon the filing of this deed restriction. *If the*



restriction is not filed with the County Register of Deeds, the case remains active and continued sampling of the monitoring wells at the site will be required. A workplan of the sampling schedule and maintenance of the monitoring wells will be required within 90 days of the date of this letter if verification of the restriction filing is not received as indicated above.

Second Condition: Monitoring Well Abandonment

After filing the restriction with the county, all monitoring wells, sumps, and/or boreholes must be abandoned according to Chapter NR 141, Wisconsin Administrative Code. The abandonment forms (#3300-5B) should be sent to my attention.

Until verification of **both** the restriction and abandonment documentation is received, the DNR will continue to track this facility as an active BRR site.

Please be aware that this letter does not absolve the current, or any future owner of this property, from future decisions regarding this site or impacts which may be discovered and/or traced to past or future activities at this site. If additional information in the future indicates that further investigation and/or remediation is warranted, the Department will require that appropriate action be taken at that time.

The Department appreciates your efforts to protect and restore the environment at this site. If you have any questions regarding this letter, please contact me at (920) 424-7890.

Sincerely,



Kevin D. McKnight
WDNR, Hydrogeologist
mcknik@dnr.state.wi.us

cc: file

Todd Gruenwald, Miller Eng.&Sci., 5308 S. 12th St., Sheboygan WI 53081-8099

W. B. A. 02/29/96 F11142 Wisconsin Bankers Association 1998



DOCUMENT NO.

287278

VOL 476 PAGE 431

REAL ESTATE MORTGAGE.

(For Consumer or Business Mortgage Transactions)

B. Kent Bauman,

("Mortgagor,"

whether one or more) mortgages, conveys and warrants to First National Bank of Berlin, PO Box 310, Berlin, WI 54923

("Lender")

In consideration of the sum of TWO HUNDRED FIFTY THOUSAND AND NO/100 Dollars (\$250,000.00),

loaned or to be loaned to B. Kent Bauman

("Borrower," whether one or more),

evidenced by Borrower's note(s) or agreement dated June 26, 1997

GREEN LAKE COUNTY RECEIVED FOR RECORD

9:00 A.M. JUL 09 1997

Vol. 476 of Rec. Pg. 431

Signature R. Keach REGISTER OF DEEDS

Recording Area

Name and Return Address

First National Bank PO Box 310 Berlin, WI 54923

Pa. 12.000

206-0821-00

Parcel Identifier No.

the real estate described below, together with all privileges, hereditaments, easements and appurtenances, all rents, leases, issues and profits, all claims, awards and payments made as a result of the exercise of the right of eminent domain, and all existing and future improvements and fixtures (all called the "Property") to secure the Obligations described in paragraph 5 on the reverse side, including but not limited to repayment of the sum stated above plus certain future advances made by Lender.

1. Description of Property. (This Property is not the homestead of Mortgagor.)

Lots Numbered Eleven (11), Twelve (12), and Thirteen (13) of Block 140, Leifert's Addition to the City of Berlin, according to the recorded plat of said addition.

- checkboxes for description continuation, construction mortgage, and Condominium Rider

2. Title. Mortgagor warrants title to the Property, excepting only restrictions and easements of record, municipal and zoning ordinances, current taxes and assessments not yet due and n/a

3. Escrow. Interest will not be paid on escrowed funds if an escrow is required under paragraph 8(a) on the reverse side.

4. Additional Provisions. Mortgagor agrees to the Additional Provisions on the reverse side, which are incorporated herein. The undersigned acknowledges receipt of an exact copy of this Mortgage.

NOTICE TO CUSTOMER IN A TRANSACTION GOVERNED BY THE WISCONSIN CONSUMER ACT

- (a) DO NOT SIGN THIS BEFORE YOU READ THE WRITING ON THE REVERSE SIDE, EVEN IF OTHERWISE ADVISED.
(b) DO NOT SIGN THIS IF IT CONTAINS ANY BLANK SPACES.
(c) YOU ARE ENTITLED TO AN EXACT COPY OF ANY AGREEMENT YOU SIGN.
(d) YOU HAVE THE RIGHT AT ANY TIME TO PAY IN ADVANCE THE UNPAID BALANCE DUE UNDER THIS AGREEMENT AND YOU MAY BE ENTITLED TO A PARTIAL REFUND OF THE FINANCE CHARGE.

Signed and Sealed JUNE 26, 1997

(Type of Organization) (SEAL)

X B. Kent Bauman (SEAL)

By: (Title)

(SEAL)

By: (Title)

(SEAL)

AUTHENTICATION OR ACKNOWLEDGEMENT

Signatures of

STATE OF WISCONSIN County of Green Lake ss.

This instrument was acknowledged before me on JUNE 26, 1997 by B. Kent BAUMAN

authenticated this day of

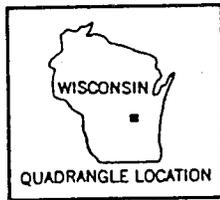
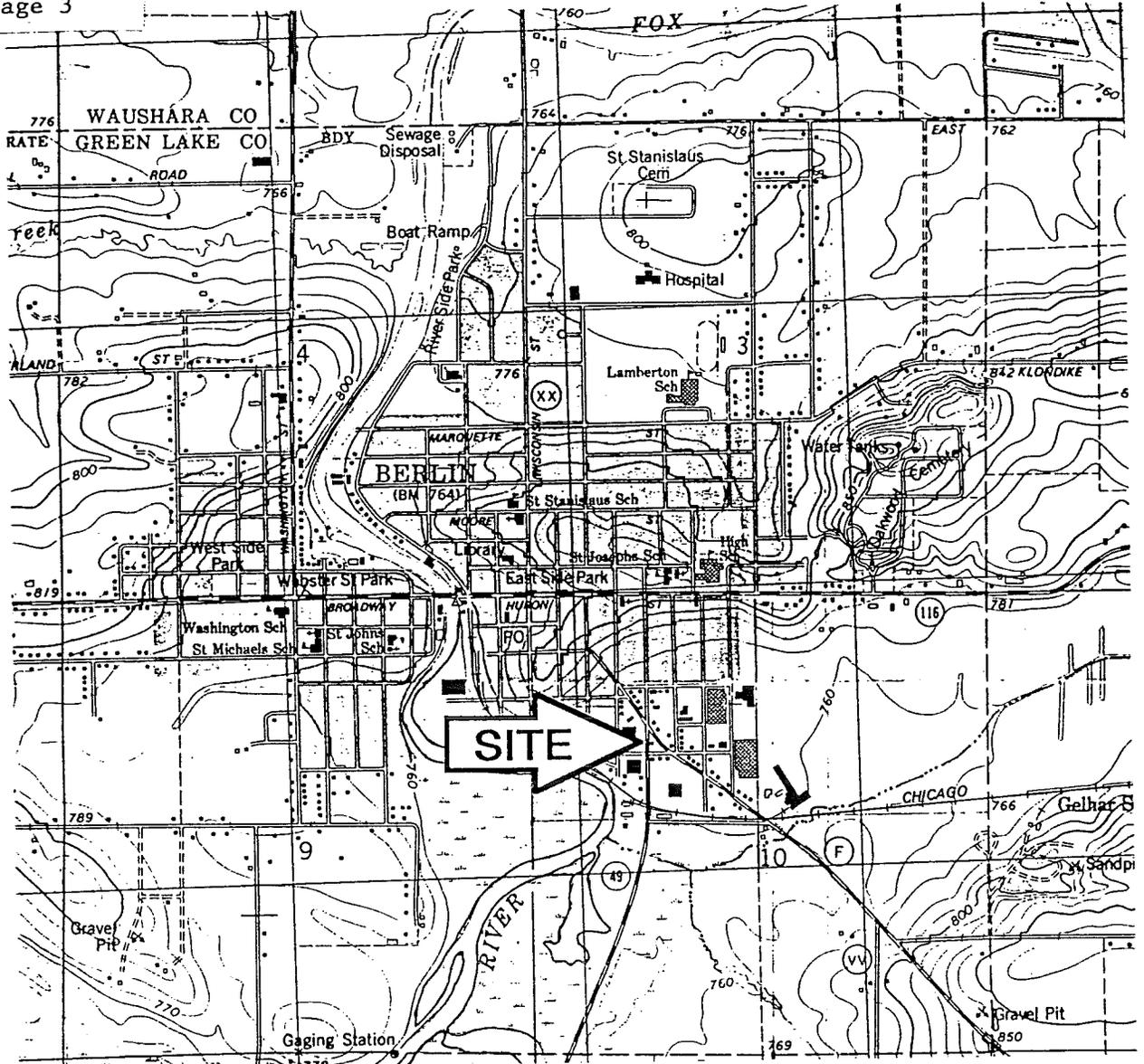
JERRY J. WENZEL NOTARY Public, Wisconsin My Commission (Expires) July 13, 1997

Title: Member State Bar of Wisconsin or authorized under §706.06, Wis. Stats.

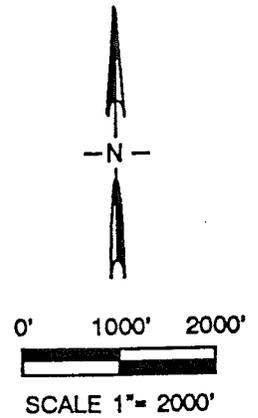
This instrument was drafted by

Peggy LaBuda

*Type or print name signed above.



BERLIN QUADRANGLE
 WISCONSIN
 7.5 MINUTE SERIES (TOPOGRAPHIC)
 NW/4 RIPON 15' QUADRANGLE

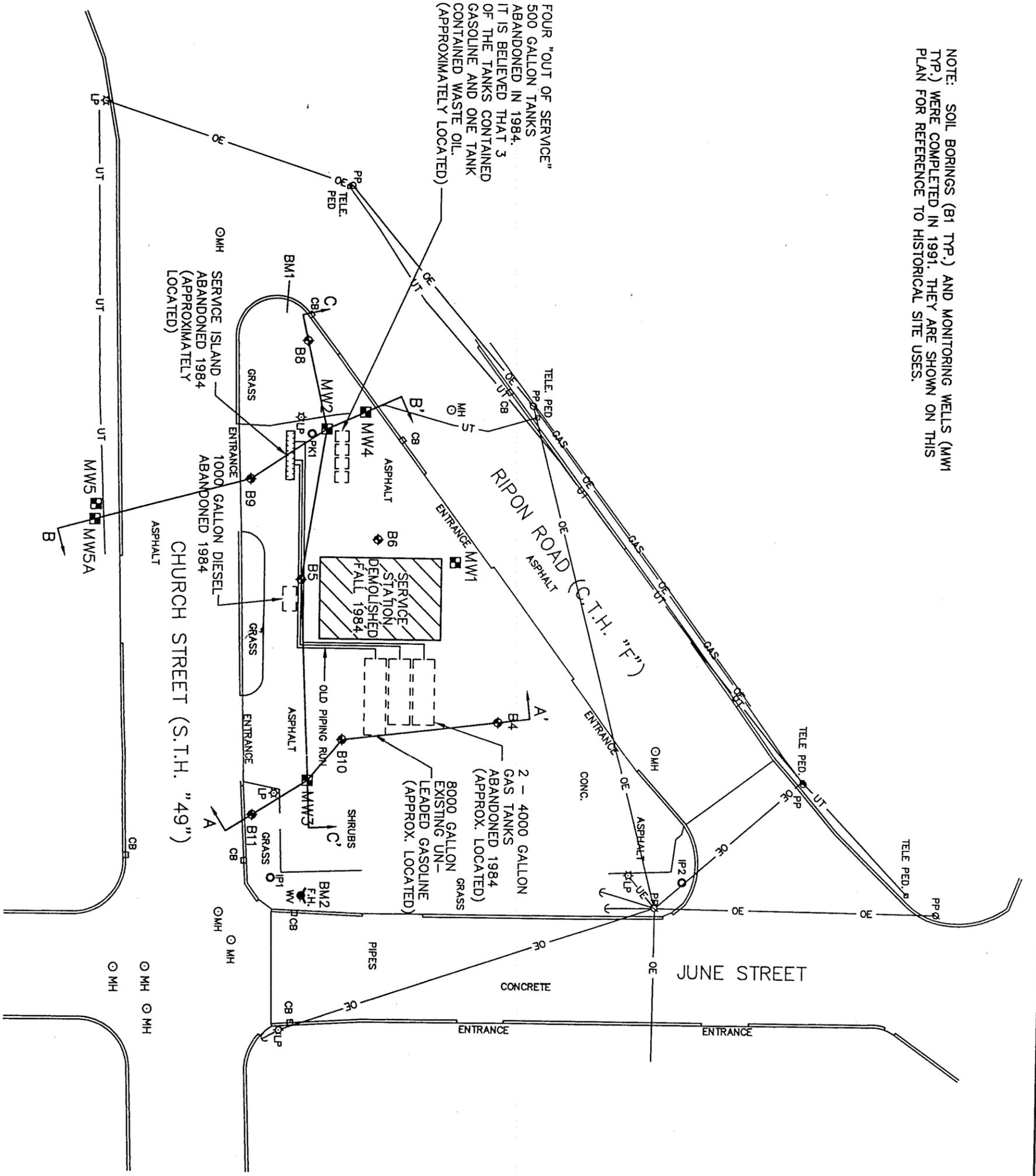


Date 3-15-93	By HVM	CLIENT: CONDON OIL CO. JOB: AMOCO FOOD SHOP LOCATION: 247 RIPON ROAD BERLIN, WISCONSIN
Job No. 11242E2	Ck NND	

F-1

NOTE: SOIL BORINGS (B1 TYP.) AND MONITORING WELLS (MW1 TYP.) WERE COMPLETED IN 1991. THEY ARE SHOWN ON THIS PLAN FOR REFERENCE TO HISTORICAL SITE USES.

FOUR "OUT OF SERVICE" 500 GALLON TANKS ABANDONED IN 1984. IT IS BELIEVED THAT 3 OF THE TANKS CONTAINED GASOLINE AND ONE TANK CONTAINED WASTE OIL. (APPROXIMATELY LOCATED)



- LEGEND**
- OE OVERHEAD ELECTRIC
 - UT UNDERGROUND TELEPHONE
 - OT OVERHEAD TELEPHONE
 - G GAS
 - PP POWER POLE
 - LP LIGHT POLE
 - MH MANHOLE
 - CB CATCH BASIN
 - WV WATER VALVE
 - GV GAS VALVE
 - GW GROUND WATER MONITORING WELL, TYP.
 - SOIL BORING, TYP.
 - FILLER, TYP.
 - X HYDRO-PUNCH LOCATION, TYP.

- BENCH MARKS**
- BM1 NE CORNER OF AMOCO SIGN
STEEL BASE PLATE.
ELEV. = 763.57
 - BM2 ARROW ON FIRE HYDRANT AT
INTERSECTION OF JUNE STREET
AND CHURCH STREET.
ELEV. = 762.53

NOTE: ELEVATIONS BASED ON U.S.G.S. DATUM

NOTE: ALL UNDERGROUND UTILITY LOCATIONS SHOWN HEREON ARE BASED ON FIELD SURVEY, RECORD MAPS OR DIGGER'S HOTLINE MARKINGS. PROPERTY LINE INFORMATION SHOWN WAS TAKEN FROM EXISTING RECORDS. THE EXACT LOCATION OF ALL UTILITIES AND PROPERTY LINES MUST BE FIELD VERIFIED PRIOR TO BEGINNING ANY CONSTRUCTION.

NOTE: ALL LOCATIONS ARE APPROXIMATIONS. SURVEY WAS NOT COMPLETED PRIOR TO SITE UPGRADE.

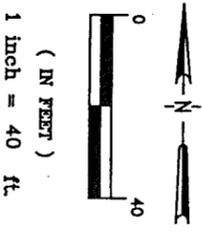
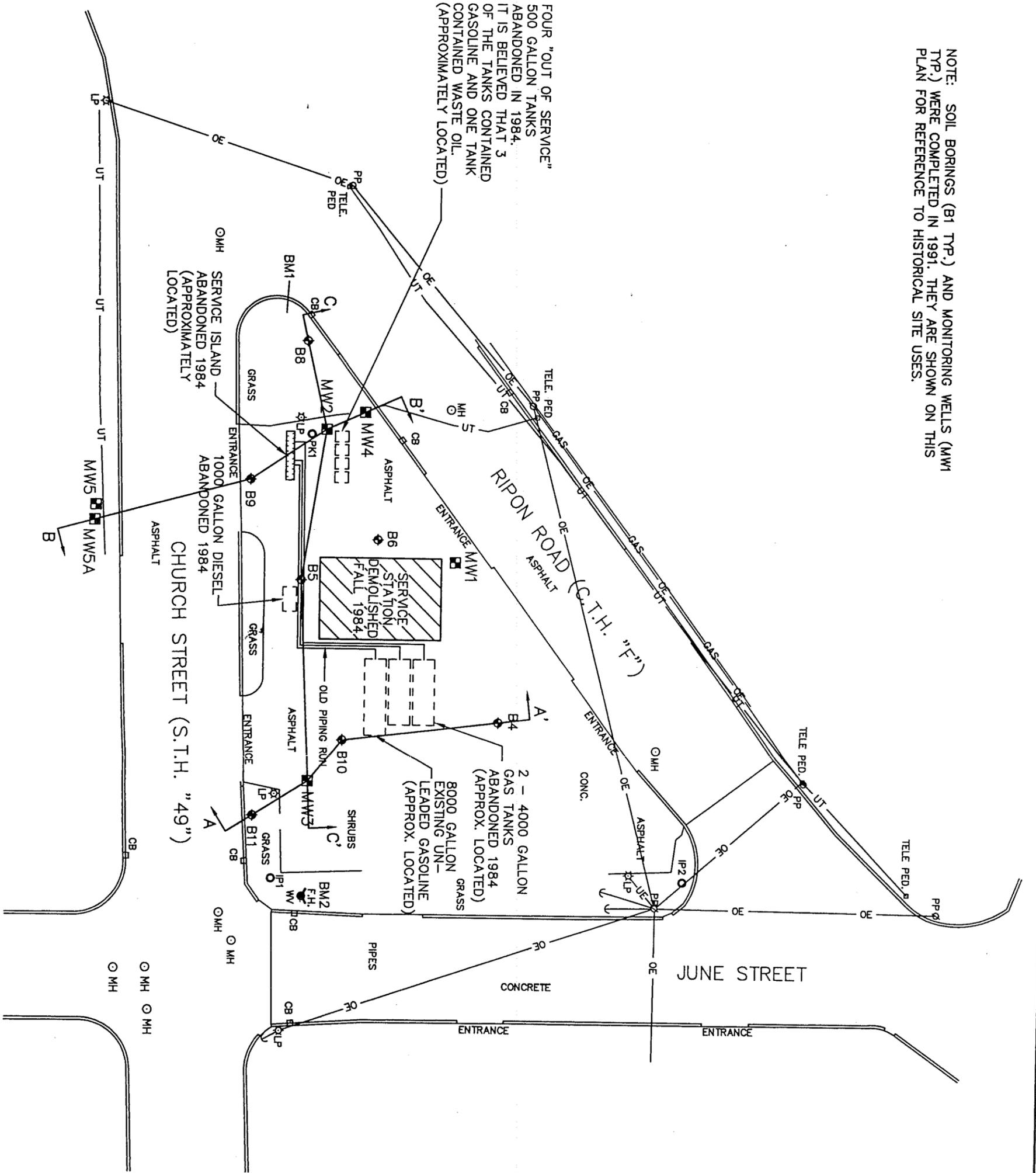


FIGURE 1 - PRE-1984 SITE PLAN

<p>MILLER ENGINEERS 5308 South Twelfth Street Sheboygan, Wisconsin 53081 414-458-6164</p>		<p>CONDON OIL COMPANY AMOCO FOOD SHOP REMEDIAL INVESTIGATION BERLIN, WISCONSIN</p>	
SCALE	DATE	BY	SHEET
Hor. 1" = 40'	8-19-99	MAH	OF
VER.	JOB 11242EBQ	CK TWG	

NOTE: SOIL BORINGS (B1 TYP.) AND MONITORING WELLS (MW1 TYP.) WERE COMPLETED IN 1991. THEY ARE SHOWN ON THIS PLAN FOR REFERENCE TO HISTORICAL SITE USES.

FOUR "OUT OF SERVICE" 500 GALLON TANKS ABANDONED IN 1984. IT IS BELIEVED THAT 3 OF THE TANKS CONTAINED GASOLINE AND ONE TANK CONTAINED WASTE OIL. (APPROXIMATELY LOCATED)



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 - G GAS
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 - LP LIGHT POLE
 - MH MANHOLE
 - CB CATCH BASIN
 - WV WATER VALVE
 - GV GAS VALVE
 - GW GROUND WATER MONITORING WELL, TYP.
 - SOIL BORING, TYP.
 - FILLER, TYP.
 - X HYDRO-PUNCH LOCATION, TYP.

- BENCH MARKS**
- BM1 NE CORNER OF AMOCO SIGN
STEEL BASE PLATE.
ELEV. = 763.57
 - BM2 ARROW ON FIRE HYDRANT AT
INTERSECTION OF JUNE STREET
AND CHURCH STREET.
ELEV. = 762.53

NOTE: ELEVATIONS BASED ON U.S.G.S. DATUM

NOTE: ALL UNDERGROUND UTILITY LOCATIONS SHOWN HEREON ARE BASED ON FIELD SURVEY, RECORD MAPS OR DIGGER'S HOTLINE MARKINGS. PROPERTY LINE INFORMATION SHOWN WAS TAKEN FROM EXISTING RECORDS. THE EXACT LOCATION OF ALL UTILITIES AND PROPERTY LINES MUST BE FIELD VERIFIED PRIOR TO BEGINNING ANY CONSTRUCTION.

NOTE: ALL LOCATIONS ARE APPROXIMATIONS. SURVEY WAS NOT COMPLETED PRIOR TO SITE UPGRADE.

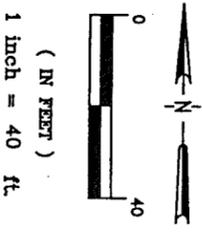
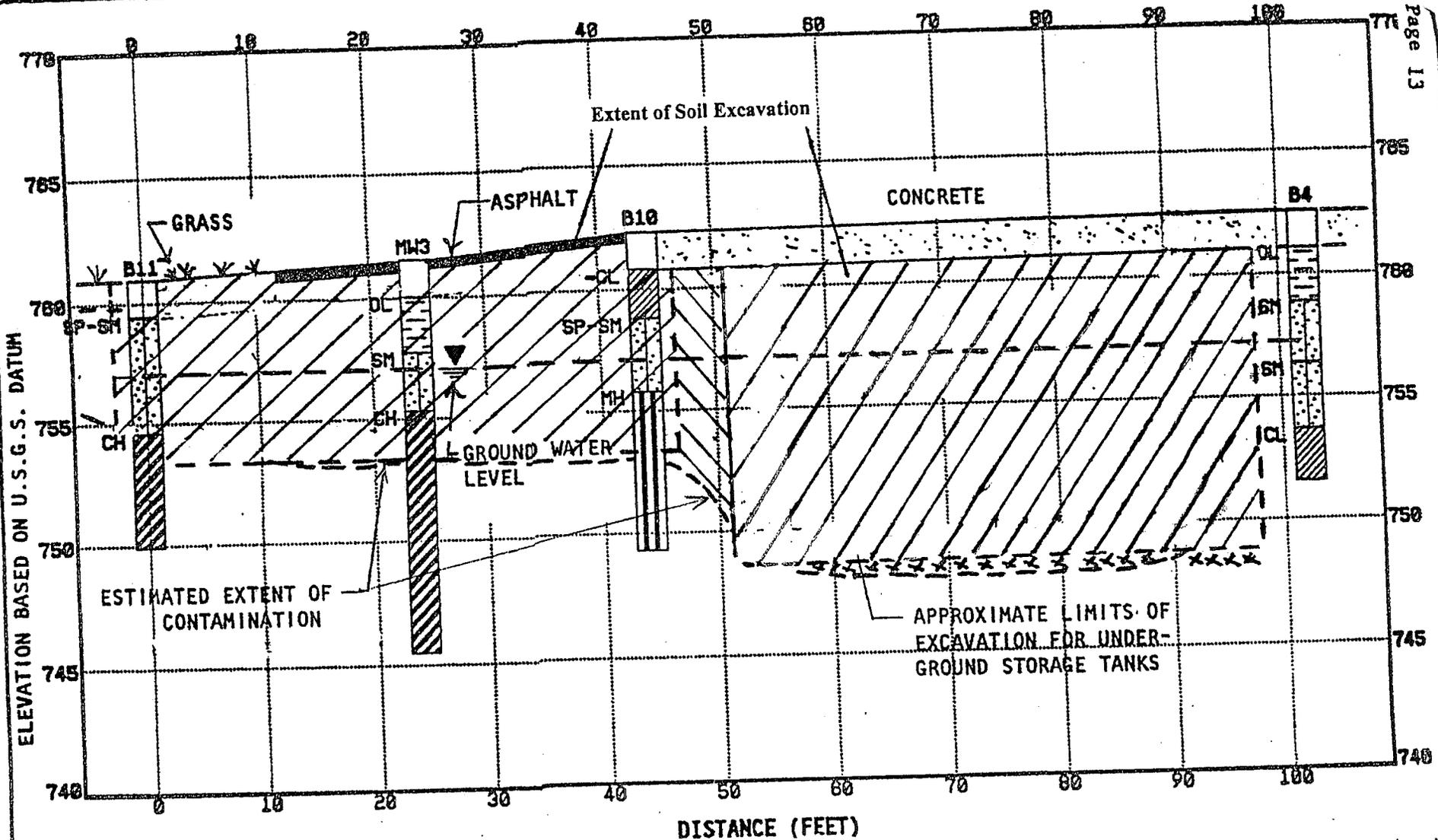


FIGURE 1 - PRE-1984 SITE PLAN

MILLER ENGINEERS
5308 South Twelfth Street
Sheboygan, Wisconsin 53081
414-458-6164

CONDON OIL COMPANY
AMOCO FOOD SHOP
REMEDIAL INVESTIGATION
BERLIN, WISCONSIN

SCALE	DATE	BY	SHEET
Hor. 1" = 40'	8-19-99	MAH	
VER.	JOB 11242EBQ	CK TWG	

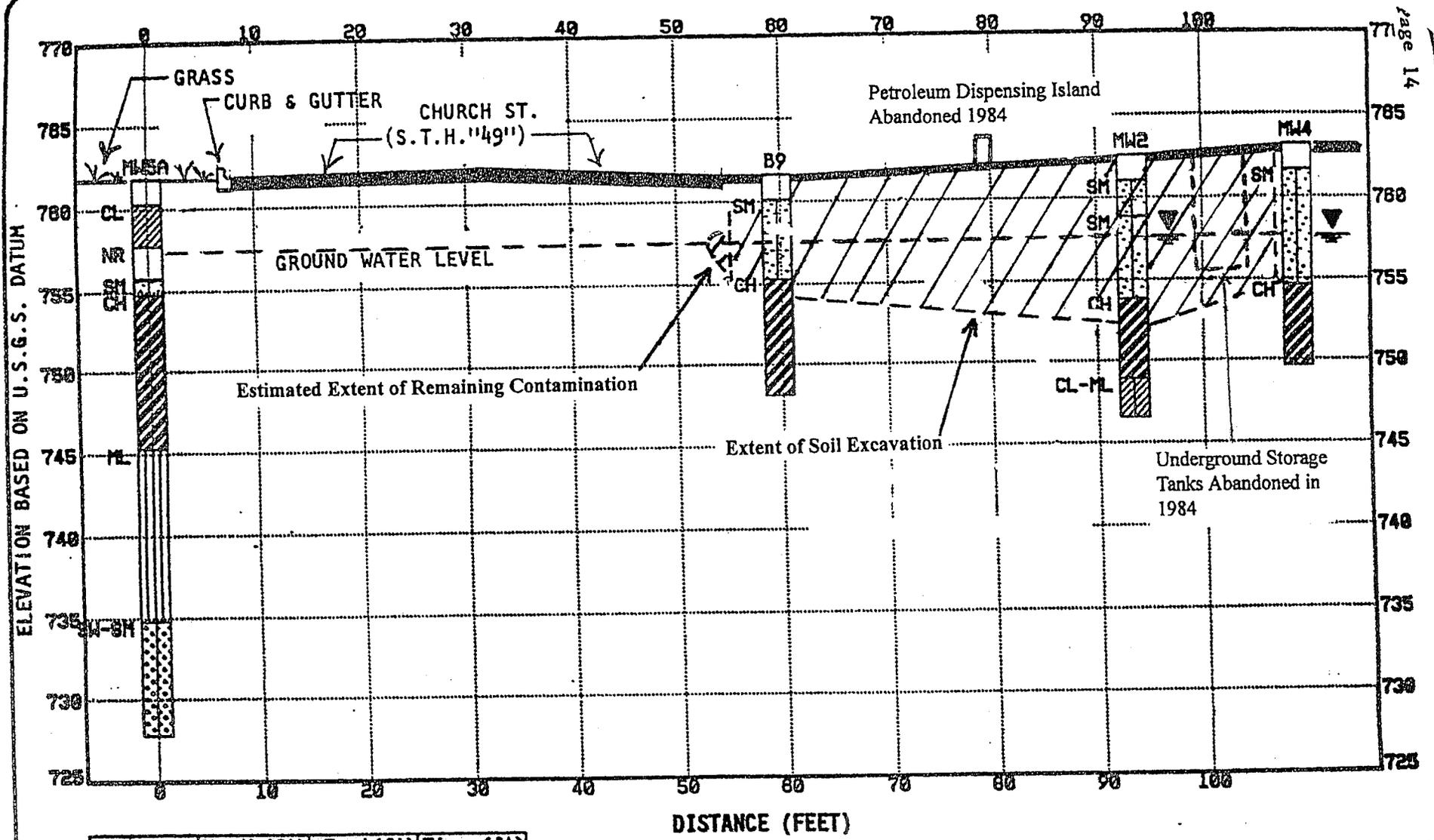


Boring	North(ft)	East(ft)	Elev.(ft)
B10	1057.7	1014.4	782.3
B11	1029.5	981.4	780.9
B4	1064.7	1072.3	782.6
MW3	1042.3	1001.8	781.5

Figure 10: Post Remedial Soil Section A--A'

MILLER
 ENGINEERS
 SCIENTISTS
 Sheboygan, Wisconsin

ORIENT: CONDON OIL	
JOB: Berlin Amoco Food Mart	
LOCA: Berlin, WI	
PROJECT #	DATE
11242E2	FEB 2 93
FIGURE	



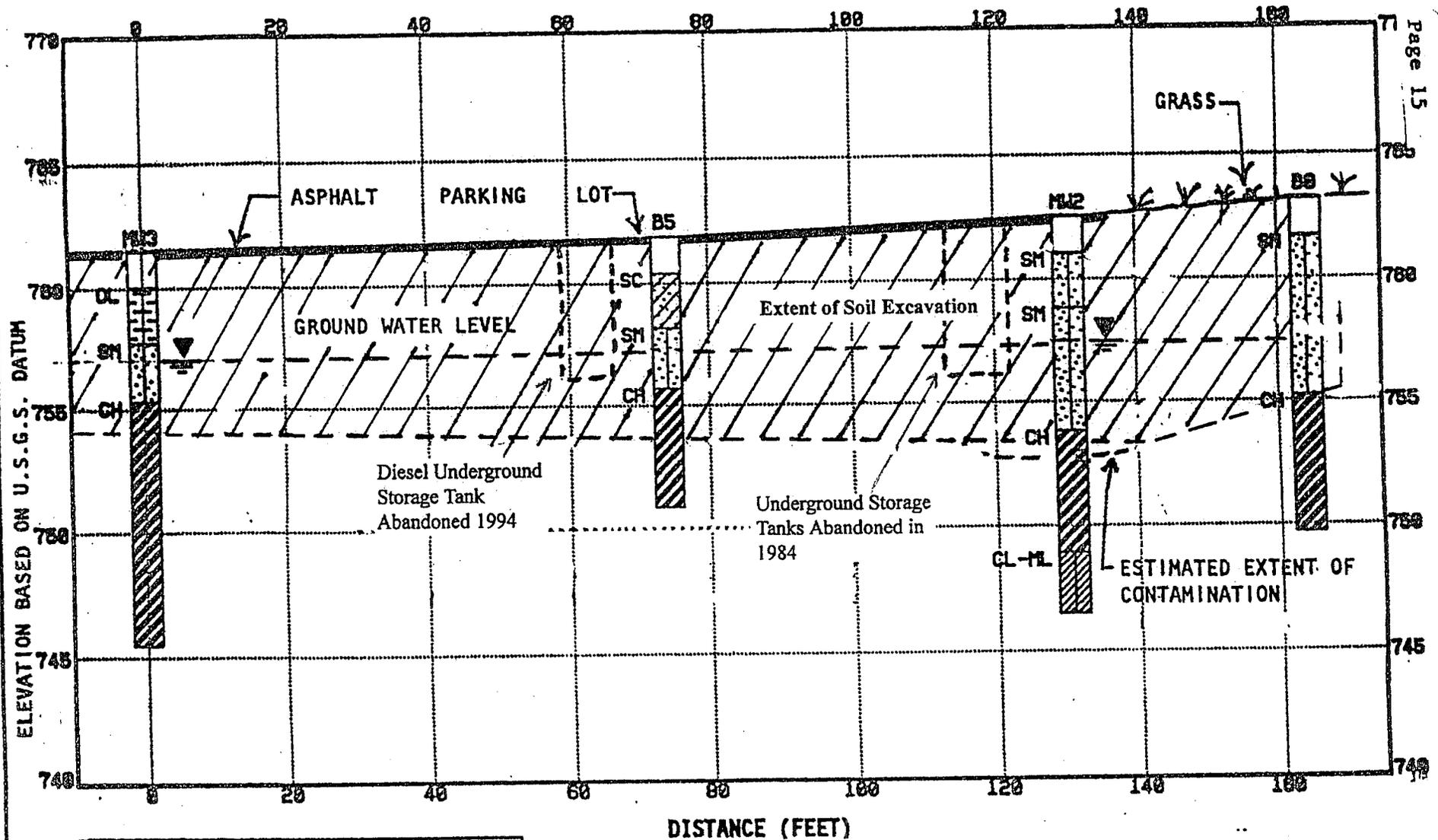
Boring	North(ft)	East(ft)	Elev. (ft)
B9	1153.2	979.5	761.6
MW2	1172.0	1007.5	762.5
MW4	1178.5	1021.8	763.1
M15A	1137.6	921.9	761.8

Figure 11: Post Remedial Soil Section B-B'

MILLER
ENGINEERS
SCIENTISTS

Sheboygan, Wisconsin

CLIENT: CONDON OIL		
JOB: Berlin Amoco Food Mart		
LOCA: Berlin, WI		
PROJECT #	DATE	FIGURE
11242E2	FEB 2 93	



Spring	North(ft)	East(ft)	Elev.(ft)
B5	1118.2	998.6	781.9
B8	1204.7	1000.2	783.2
M12	1172.0	1007.5	782.5
M13	1042.3	1001.8	781.5

Figure 12: Post Remedial Soil Section C--C'

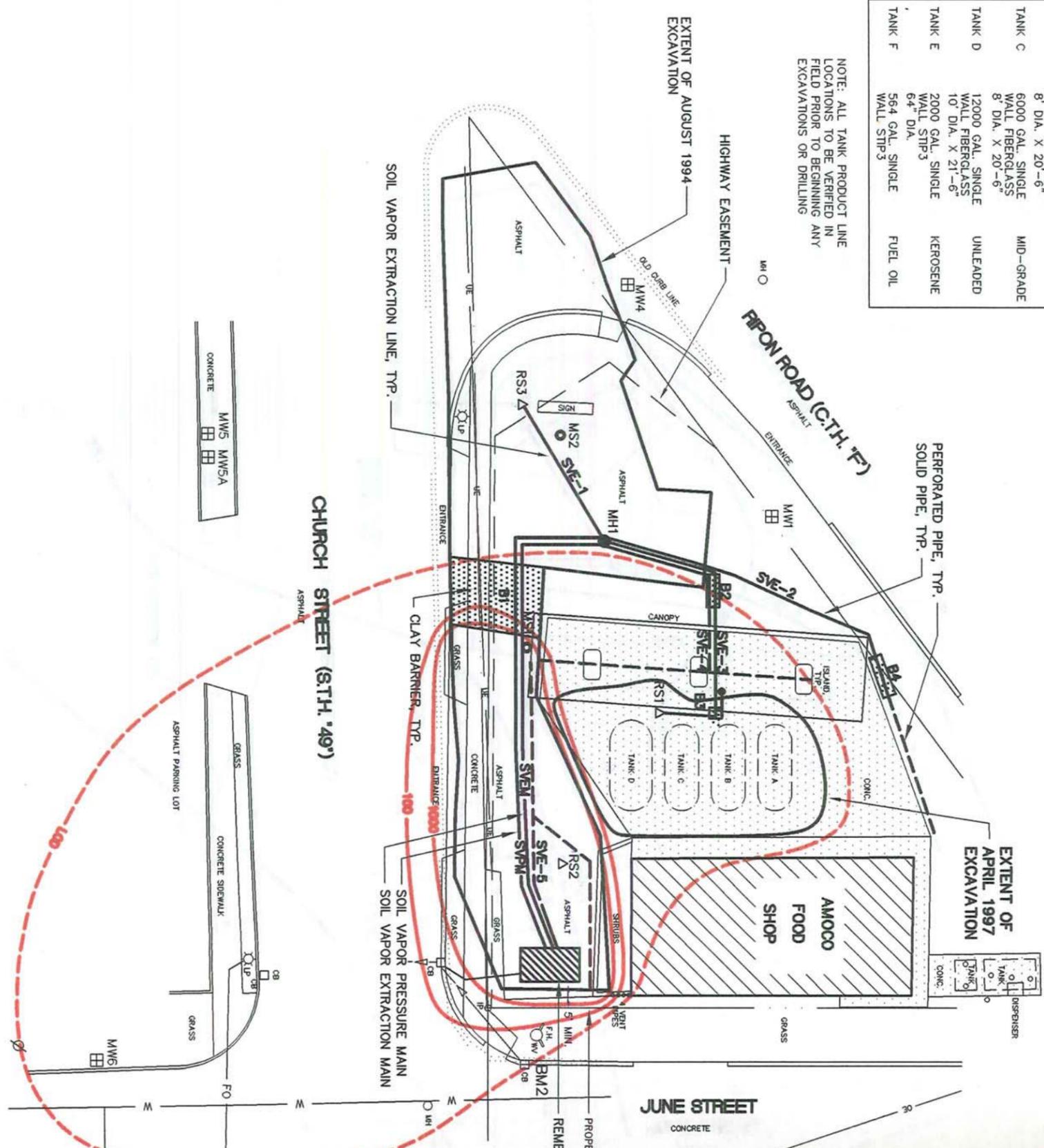
MILLER
ENGINEERS
SCIENTISTS

Sheboygan, Wisconsin

CLIENT: CONDON OIL		
JOB: Berlin Amoco Food Mart		
LOCA: Berlin, WI		
PROJECT #	DATE	FIGURE
11242E2	FEB 2 93	

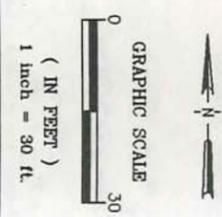
TANK DATA		
TANK A	6000 GAL. SINGLE WALL FIBERGLASS 8' DIA. X 20'-6"	DIESEL
TANK B	6000 GAL. SINGLE WALL FIBERGLASS 8' DIA. X 20'-6"	PREMIUM
TANK C	6000 GAL. SINGLE WALL FIBERGLASS 8' DIA. X 20'-6"	MID-GRADE
TANK D	12000 GAL. SINGLE WALL FIBERGLASS 10' DIA. X 21'-6"	UNLEADED
TANK E	2000 GAL. SINGLE WALL STP3 6.4" DIA.	KEROSENE
TANK F	564 GAL. SINGLE WALL STP3	FUEL OIL

NOTE: ALL TANK PRODUCT LINE LOCATIONS TO BE VERIFIED IN FIELD PRIOR TO BEGINNING ANY EXCAVATIONS OR DRILLING



WELL #	PVOC
MW1	<LOD
MW4*	<LOD
MW5	<LOD
MW5A*	<LOD
MW6	3.4
RS1	0.38
RS2	1336
RS3	<LOD

* BASED ON HISTORICAL DATA
LOD = LIMIT OF DETECTION



NO.	DATE	DESCRIPTION	BY

PROPOSED	EXISTING	UTILITIES
—○—	—○—	SANITARY SEWER
—○—	—○—	SANITARY LATERAL
—○—	—○—	STORM SEWER
—○—	—○—	STORM SEWER LATERAL
—○—	—○—	MANHOLE
—○—	—○—	CATCH BASIN
—○—	—○—	CURB INLET
—○—	—○—	CLEANOUT
—○—	—○—	END SECTION
—○—	—○—	WATER MAIN
—○—	—○—	WATER SERVICE
—○—	—○—	HYDRANT & VALVE
—○—	—○—	WATER VALVE
—○—	—○—	CURB STOP
—○—	—○—	GAS MAIN
—○—	—○—	GAS SERVICE
—○—	—○—	GAS VALVE
—○—	—○—	GAS METER
—○—	—○—	OVERHEAD ELECTRIC
—○—	—○—	UNDERGROUND ELECTRIC
—○—	—○—	LIGHT POLE
—○—	—○—	POWER POLE
—○—	—○—	ELECTRIC PEDESTAL
—○—	—○—	ELECTRIC TRANSFORMER
—○—	—○—	FIBER OPTIC LINE
—○—	—○—	UNDERGROUND TELEPHONE
—○—	—○—	TELEPHONE PEDESTAL
—○—	—○—	CABLE TV

- ENVIRONMENTAL**
- MW GROUND WATER MONITORING WELL
 - B SOIL BORING
 - △ RW GROUND WATER RECOVERY WELL
 - △ RS GROUND WATER RECOVERY SUMP
 - ⊕ VAP VAPOR MONITORING POINT
 - ⊕ VEP VAPOR EXTRACTION POINT
 - ⊕ H HYDROBUNCH LOCATION
 - ⊕ GP GEOPROBE
 - ⊕ AS AIR SPARGING POINT
 - ⊕ MS2 GROUND WATER MONITORING SUMP

**FIGURE 13: ESTIMATED MAY 1999
PVOC ISOCONCENTRATION PLAN**

MILLER ENGINEERS SCIENTISTS
5308 South Twelfth Street
Sheboygan, Wisconsin 53081
414-458-6164

**CONDON OIL COMPANY
AMOCO FOOD SHOP**
BERLIN, WISCONSIN

SCALE	DATE	BY	SHEET
HOR. 1"=30'	8-19-99	MAH	
VER.	JOB 11242E8S	CK	
		TWG	
			OF

Table 1
Soil Analytic Test Results--Excavated Samples

Condon Oil Company
 Berlin AMOCO Food Shop
 Project #11242E

<u>Analyte (ppm)</u>	<u>S1</u>	<u>S5</u>	<u>S35</u>	<u>S58</u>	<u>S74</u>	<u>S104</u>	NR 720 <u>Soil Standards</u>
Date Sampled	8-29-94	8-29-94	9-6-94	9-6-94	9-7-94	9-7-94	
Grid Location	G2	H1	F1	E1	D1	Z1 & Z2	
GRO	220	4.1	900	970	4,600	4,500	100/250
DRO	—	—	—	—	—	—	100/250
Total PAH	—	—	—	—	—	53,300	-
<u>Analyte (ppb)</u>							
Benzene	530	1,200	3,600	4,400	6,600	8,700	5.5
Ethylbenzene	4,200	230	16,000	23,000	150,000	110,000	2,900
MTBE	ND	210	ND	ND	4,000	ND	-
Toluene	8,200	240	44,000	30,000	330,000	220,000	1,500
1,2,4-Trimethylbenzene	17,000	210	64,000	59,000	230,000	340,000	-
1,3,5-Trimethylbenzene	5,000	ND	19,000	20,000	78,000	100,000	-
Xylenes	21,400	1,010	84,000	129,000	880,000	520,000	4,100
Total PVOC	56,330	3,100	230,600	265,400	1,678,600	1,298,700	-
<u>Analyte (ppm)</u>							
	<u>S122</u>	<u>S133</u>	<u>S169</u>	<u>S188</u>	<u>S212</u>		NR 720 <u>Soil Standards</u>
Date Sampled	9-7-94	9-8-94	9-8-94	9-9-94	9-12-94		
Grid Location	C1	C1	A2	B2	C3		
GRO	5,000	280	680	42	83		100/250
DRO	—	—	1,600	—	—		100/250
Total PAH	—	—	15,464	—	—		-
<u>Analyte (ppb)</u>							
Benzene	17,000	640	ND	ND	120		5.5
Ethylbenzene	150,000	6,700	10,000	610	360		2,900
MTBE	27,000	370	570	96	97		-
Toluene	57,000	7,500	13,000	550	220		1,500
1,2,4-Trimethylbenzene	230,000	23,000	44,000	2,100	2,800		-
1,3,5-Trimethylbenzene	70,000	7,200	13,000	780	1,700		-
Xylenes	1,240,000	46,000	50,000	3,620	2,750		4,100
Total PVOC	1,791,000	91,410	130,570	7,756	8,047		-

GRO = Gasoline Range Organics
 DRO = Diesel Range Organics
 ND = Compound Not Detected
 PVOC = Petroleum Volatile Organic Compounds (EPA Method 8020)

Table 2
Soil Analytic Test Results--Limit Samples

Condon Oil Company
Berlin AMOCO Food Shop
Project #11242E

<u>Analyte (ppm)</u>	<u>S4</u>	<u>S7</u>	<u>S16</u>	<u>S17</u>	<u>S19</u>	<u>S20</u>	<u>S22</u>	<u>S39</u>	NR 720 <u>Soil Standards</u>
Date Sampled	8-29-94	8-29-94	8-30-94	9-1-94	9-1-94	9-1-94	9-1-94	9-6-94	
Depth (feet)	4.5	8.0	5	4.5	5	4	4.5	7	
Grid Location	H2	G2	G1	F5	E5	E5	D4	F1	
GRO	ND	ND	8.4	ND	ND	ND	ND	18	100/250
DRO	—	—	—	—	ND	—	—	—	100/250
<u>Analyte (ppb)</u>									
Benzene	ND	ND	2,400	ND	ND	ND	ND	11	5.5
Ethylbenzene	ND	ND	320	ND	ND	ND	ND	17	2,900
MTBE	ND	ND	290	ND	ND	ND	ND	6.9	-
Toluene	ND	2.2	1,600	ND	ND	ND	ND	91	1,500
1,2,4-Trimethylbenzene	ND	ND	250	ND	ND	ND	ND	24	-
1,3,5-Trimethylbenzene	ND	ND	71	ND	ND	ND	ND	8.5	-
<u>Xylenes</u>	<u>ND</u>	<u>1.6</u>	<u>1,540</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>75</u>	4,100
Total PVOC	ND	4	6,471	ND	ND	ND	ND	233.4	-

<u>Analyte (ppm)</u>	<u>S40</u>	<u>S41</u>	<u>S45</u>	<u>S53</u>	<u>S54</u>	<u>S55</u>	<u>S77</u>	<u>S78</u>	NR 720 <u>Soil Standards</u>
Date Sampled	9-6-94	9-6-94	9-6-94	9-6-94	9-6-94	9-6-94	9-7-94	9-7-94	
Depth (feet)	3	4	7	7	3	3	7	3	
Grid Location	F1	F2	F1	E1	E1	E2	D1	D1	
GRO	4,800	400	ND	ND	31	820	ND	250	100/250
DRO	—	—	—	—	—	—	—	—	100/250
<u>Analyte (ppb)</u>									
Benzene	49,000	1,800	130	160	2,200	3,700	95	870	5.5
Ethylbenzene	99,000	6,300	61	26	850	14,000	69	5,900	2,900
MTBE	ND	410	140	9.3	ND	ND	ND	350	-
Toluene	410,000	14,000	52	44	6,400	41,000	190	15,000	1,500
1,2,4-Trimethylbenzene	310,000	22,000	48	20	1,600	52,000	20	12,000	-
1,3,5-Trimethylbenzene	94,000	6,700	15	3.1	480	16,000	5.9	4,400	-
<u>Xylenes</u>	<u>520,000</u>	<u>30,500</u>	<u>127</u>	<u>53</u>	<u>5,000</u>	<u>70,000</u>	<u>215</u>	<u>35,600</u>	4,100
Total PVOC	1,482,000	81,710	573	315.4	16,530	196,700	594.9	74,120	-

Table 2 (Continued)
Soil Analytic Test Results--Limit Samples

<u>Analyte (ppm)</u>	<u>S79</u>	<u>S106</u>	<u>S107</u>	<u>S108</u>	<u>S109</u>	<u>S121</u>	<u>S138</u>	<u>S139</u>	NR 720 <u>Soil Standards</u>
Date Sampled	9-7-94	9-7-94	9-7-94	9-7-94	9-7-94	9-7-94	9-8-94	9-8-94	
Depth (feet)	3	8	5	4	6	5.5	8	5	
Grid Location	D2	Z1	Z1	Z1	Z2	A1	C1	C1	
GRO	26	6.6	6	ND	ND	10,000	ND	440	100/250
DRO	—	ND	ND	ND	ND	4,500	ND	20	100/250
Total PAH	—	ND	—	—	—	92,300	ND	37.6	
<u>Analyte (ppb)</u>									
Benzene	190	ND	ND	ND	ND	43,000	33	1,400	5.5
Ethylbenzene	1,000	9.3	ND	3.8	ND	250,000	24	15,000	2,900
MTBE	60	ND	ND	ND	ND	ND	ND	1,600	-
Toluene	470	3	ND	6.9	ND	640,000	ND	15,000	1,500
1,2,4-Trimethylbenzene	1,900	32	ND	15	ND	550,000	ND	26,000	-
1,3,5-Trimethylbenzene	560	ND	ND	7.9	ND	170,000	ND	8,000	-
Xylenes	5,800	2.1	ND	14	ND	1,110,000	19	99,000	4,100
Total PVOC	9,980	46.4	ND	47.6	ND	2,763,000	76	166,000	-

<u>Analyte (ppm)</u>	<u>S155</u>	<u>S156</u>	<u>S173</u>	<u>S174</u>	<u>S181</u>	<u>S182</u>	<u>S193</u>	<u>S194</u>	NR 720 <u>Soil Standards</u>
Date Sampled	9-8-94	9-8-94	9-8-94	9-8-94	9-8-94	9-8-94	9-9-94	9-9-94	
Depth (feet)	8	6	8	5	8	4.5	8	5	
Grid Location	B1	B1	A1	A1	A2	B2	B2	C2	
GRO	ND	100/250							
DRO	ND	ND	ND	ND	ND	ND	—	—	100/250
<u>Analyte (ppb)</u>									
Benzene	ND	8.9	ND	ND	ND	ND	81	ND	5.5
Ethylbenzene	ND	6.1	ND	ND	ND	ND	2	ND	2,900
MTBE	ND	-							
Toluene	ND	16	ND	ND	ND	ND	1.3	ND	1,500
1,2,4-Trimethylbenzene	ND	20	ND	ND	ND	ND	5.6	2.1	-
1,3,5-Trimethylbenzene	ND	6	ND	ND	ND	ND	2.3	ND	-
Xylenes	ND	30	ND	ND	ND	ND	5	ND	4,100
Total PVOC	ND	87	ND	ND	ND	ND	97.2	2.1	-

Table 2 (Continued)
Soil Analytic Test Results--Limit Samples

<u>Analyte (ppm)</u>	<u>S205</u>	<u>S213</u>	<u>S214</u>	<u>S215</u>	<u>S216</u>	<u>S219</u>	<u>S220</u>	<u>S223</u>	NR 720 <u>Soil Standards</u>
Date Sampled	9-9-94	9-12-94	9-12-94	9-12-94	9-12-94	9-12-94	9-12-94	9-13-94	
Depth (feet)	8	5	5.5	5.5	5	8.5	5.5	—	
Grid Location	C2	D2	C3	D3	C3	C3	D3	D3	
GRO	14	900	ND	7.6	ND	ND	ND	2,600	100/250
DRO	—	—	—	—	—	—	—	—	100/250
<u>Analyte (ppb)</u>									
Benzene	2,200	ND	ND	ND	ND	25	ND	6,100	5.5
Ethylbenzene	1,100	8,600	ND	ND	ND	2.4	ND	32,000	2,900
MTBE	ND	1,500	-						
Toluene	130	ND	ND	ND	ND	ND	ND	100,000	1,500
1,2,4-Trimethylbenzene	500	140,000	4	1.3	ND	1.2	ND	180,000	-
1,3,5-Trimethylbenzene	150	46,000	ND	23	ND	ND	ND	59,000	-
<u>Xylenes</u>	5,300	59,000	6.8	5.5	ND	2.8	ND	228,000	4,100
Total PVOC	9,380	253,600	10.8	29.8	ND	31.4	ND	606,600	-

Exceeds NR 720 soil standards

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

ND = Compound Not Detected

PVOC = Petroleum Volatile Organic Compounds (EPA Method 8020)

TABLE 3
Soil Analytic Test Results—Limit Samples

Condon Oil Company
Berlin AMOCO Food Shop
Project # 11242E

	<u>S16</u>	<u>S29</u>	<u>S30</u>	<u>S31</u>	<u>S32</u>	<u>S33</u>	<u>S34</u>	<u>S35</u>	
Date Sampled	4-30-97	4-30-97	4-30-97	4-30-97	4-30-97	4-30-97	4-30-97	4-30-97	
Grid Location	B2	A1	A1	A2	A2	A2	A2	A2	
depth	125	5	8	5	8	12.5	5	8	
<u>Analyte (mg/kg)</u>									<u>NR 720 Residual</u>
GRO	ND	4.6	ND	ND	ND	ND	ND	ND	<u>Soil Standards</u> 100/250
DRO	—	32	ND	ND	ND	ND	ND	ND	100/250
<u>Analyte (µg/kg)</u>									
Benzene	ND	200	ND	ND	ND	ND	ND	ND	5.5
Ethylbenzene	ND	35	ND	ND	ND	ND	ND	ND	2,900
MTBE	ND	510	ND	ND	ND	ND	ND	ND	—
Toluene	ND	690	ND	ND	ND	ND	ND	ND	1,500
1,2,4-Trimethylbenzene	ND	200	ND	ND	ND	ND	ND	ND	—
1,3,5-Trimethylbenzene	ND	94	ND	ND	ND	ND	ND	ND	—
Xylenes	<u>ND</u>	<u>660</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	4,100
Total PVOC	ND	2,389	ND	ND	ND	ND	ND	ND	—

TABLE 3 (Continued)
Soil Analytic Test Results—Limit Samples

	<u>S36</u>	<u>S37</u>	<u>S51</u>	<u>S52</u>	<u>S53</u>	<u>S54</u>	<u>S57</u>	<u>S59</u>	
Date Sampled	4-30-97	4-30-97	4-30-97	4-30-97	4-30-97	4-30-97	5-5-97	5-5-97	
Grid Location	B2	B2	C2	C2	B1	B1	A1	C1	
depth (ft)	5	3	5	3	5	3	4.5	4.5	
<u>Analyte (mg/kg)</u>									NR 720 Residual
GRO	9	ND	650	13	1,300	ND	ND	2,700	100/250
DRO	14	ND	—	—	—	—	—	—	100/250
<u>Analyte (µg/kg)</u>									
Benzene	230	ND	4,100	700	1,500	74	ND	1,300	5.5
Ethylbenzene	160	ND	13,000	700	15,000	ND	ND	30,000	2,900
MTBE	110	110	480	150	ND	ND	ND	ND	—
Toluene	1,100	ND	41,000	570	63,000	36	ND	110,000	1,500
1,2,4-Trimethylbenzene	650	ND	39,000	1,000	95,000	55	190	210,000	—
1,3,5-Trimethylbenzene	190	ND	13,000	290	33,000	ND	74	67,000	—
Xylenes	820	33	64,000	2,950	145,000	68	136	380,000	4,100
Total PVOC	3,260	143	174,580	6,360	352,500	233	400	798,300	—

Exceeds NR 720 Soil Standards

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

PVOC = Petroleum Volatile Organic Compounds (EPA Method 8020)

ND = Compound Not Detected

— = Sample Not Analyzed for Compound

TABLE 4
Historic Ground Water Test Results

Condon Oil Company
Berlin AMOCO Food Shop
Project #11242E

~~MW1~~

Date	Benzene (ppb)	Ethyl- benzene (ppb)	Toluene (ppb)	Total Xylenes (ppb)	BETX (ppb)	MTBE (ppb)	Total Trimethyl benzene (ppb)	Total P/VOC* (ppb)	GRO (ppb)	DRO (ppb)	Dissolved		D.O. (ppm)	Eh (volts)	Temp. F	Conductivity (umhos/CM3)	pH
											Iron (ppm)	Manganese (ppm)					
02-Jul-91	ND	ND	ND	ND	ND	ND	--	ND	186	ND	--	--	--	--	--	--	--
09-Sep-91	ND	ND	ND	ND	ND	ND	--	ND	ND	--	--	--	--	--	--	--	--
27-Jul-92	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--
22-Oct-92	ND	ND	ND	3.7	3.7	ND	--	3.7	ND	ND	--	--	--	--	--	--	--
28-Sep-93	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
21-Dec-93	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
21-Mar-94	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
20-Jun-94	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
26-Sep-94	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
30-Jan-95	0.97(1)	ND	0.93	ND	1.9	ND	--	2.61	--	--	--	--	--	--	--	--	--
18-Apr-95	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
31-Jul-95	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
18-Oct-95	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
31-Jan-96	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
23-Jul-97	--	--	--	--	--	--	--	--	--	--	--	--	0.4	-196	--	--	--
10-Feb-98	--	--	--	--	--	--	--	--	--	--	0.058	<0.0063	2.5	-195	38	450	7.37
19-May-98	--	--	--	--	--	--	--	--	--	--	--	--	0.3	-169	--	--	--
13-Aug-98	--	--	--	--	--	--	--	--	--	--	--	--	0.2	--	--	--	--
04-Nov-98	--	--	--	--	--	--	--	--	--	--	--	--	1.8	22	--	--	--
09-Feb-99	--	--	--	--	--	--	--	--	--	--	--	--	2.9	--	--	--	--
10-May-99	<0.18	<0.22	<0.17	<0.81	<LOD	<0.26	<LOD	<LOD	--	--	0.037	<0.086	1.8	--	42	560	7.36

TABLE 4: Historic Ground Water Test Results (Continued)

MW2

Date	Benzene (ppb)	Ethyl- benzene (ppb)	Toluene (ppb)	Total Xylenes (ppb)	BETX (ppb)	MTBE (ppb)	Total Trimethyl benzene (ppb)	Total VOC (ppb)	GRO (ppb)	DRO (ppb)	Dissolved Iron (ppm)	Dissolved Manganese (ppm)	D.O. (ppm)	Eh (volts)	Temp. F	Conductivity (umhos/CM3)	pH
02-Jul-91	268	203	1,700	836	3,007	ND	--	3,500	14,700	40,000	--	--	--	--	--	--	--
09-Sep-91	46	63	45	91	245	ND	--	853	18,000	24,000	--	--	--	--	--	--	--
27-Jul-92	105	ND	ND	380	485	ND	--	746	5,500	4,500	--	--	--	--	--	--	--
22-Oct-92	37	52	156	238	483	ND	--	820	3,210	1,600	--	--	--	--	--	--	--
28-Sep-93	83	82	170	258	593	ND	--	879	3,300	1,100	--	--	--	--	--	--	--
21-Dec-93	68	85	170	227	550	ND	--	764	2,700	1,800	--	--	--	--	--	--	--
21-Mar-94	750	230	1600	1250	3830	42	--	4138	7,300	3,800	--	--	--	--	--	--	--
20-Jun-94	240	190	310	540	1280	ND	--	1687	290	1,100	--	--	--	--	--	--	--

August 1994 MW2 Abandoned by Removal During Construction of Site Remediation System

MW3

Date	Benzene (ppb)	Ethyl- benzene (ppb)	Toluene (ppb)	Total Xylenes (ppb)	BETX (ppb)	MTBE (ppb)	Total Trimethyl benzene (ppb)	Total P/VOC* (ppb)	GRO (ppb)	DRO (ppb)	Dissolved Iron (ppm)	Dissolved Manganese (ppm)	D.O. (ppm)	Eh (volts)	Temp. F	Conductivity (umhos/CM3)	pH
02-Jul-91	37	4.3	27	81	149.3	ND	--	184.6	1,780	ND	--	--	--	--	--	--	--
09-Sep-91	3.1	ND	5.8	1.3	10.2	ND	--	10.2	ND	300	--	--	--	--	--	--	--
27-Jul-92	1.1	ND	ND	ND	1.1	ND	--	1.1	ND	ND	--	--	--	--	--	--	--
22-Oct-92	32	8.2	30	28.4	98.6	28	--	133.3	386	ND	--	--	--	--	--	--	--
28-Sep-93	17	2.4	8.8	3.2	31.4	ND	--	32.4	--	--	--	--	--	--	--	--	--
21-Dec-93	52	11	14	33.8	110.8	17	--	139.4	--	--	--	--	--	--	--	--	--
21-Mar-94	72	2.2	42	33	149.2	27	--	187.5	--	--	--	--	--	--	--	--	--
20-Jun-94	57	5.6	55	26.8	144.4	6.9	--	159.4	--	--	--	--	--	--	--	--	--

August 1994 MW3 Abandoned by Removal During Construction of Site Remediation System

TABLE 4: Historic Ground Water Test Results (Continued)

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Date	Benzene	Ethyl- benzene	Toluene	Total Xylenes	BETX	MTBE	Total Trimethyl benzene	Total P/VOC*	GRO	DRO	Dissolved Iron	Dissolved Manganese	D.O.	Eh	Temp.	Conductivity	pH
	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)	(volts)	F	(umhos/CM3)	
27-Jul-92	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--
22-Oct-92	ND	ND	ND	2.4	2.4	ND	--	2.4	ND	ND	--	--	--	--	--	--	--
28-Sep-93	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
21-Dec-93	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
21-Mar-94	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
20-Jun-94	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
26-Sep-94	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
30-Jan-94	3.2	ND	8.7	2.4	14.3	ND	--	14.99	--	--	--	--	--	--	--	--	--
18-Apr-95	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
31-Jul-95	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
18-Oct-95	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
31-Jan-96	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
23-Jul-97	--	--	--	--	--	--	--	--	--	--	--	--	0.2	-202	--	--	--
10-Nov-97	--	--	--	--	--	--	--	--	--	--	--	--	0.3	-179	--	--	--
10-Feb-98	--	--	--	--	--	--	--	--	--	--	0.029	<0.0063	2.6	-278	38	670	7.04
19-May-98	--	--	--	--	--	--	--	--	--	--	--	--	0.2	-171	--	--	--
13-Aug-98	--	--	--	--	--	--	--	--	--	--	0.062	0.063	0.3	--	60	1020	7.2
04-Nov-98	--	--	--	--	--	--	--	--	--	--	--	--	1.9	11	--	--	--
09-Feb-99	--	--	--	--	--	--	--	--	--	--	--	--	4.3	--	--	--	--
10-May-99	--	--	--	--	--	--	--	--	--	--	--	--	1.1	--	--	--	--

TABLE 4: Historic Ground Water Test Results (Continued)

MW5

Date	Benzene (ppb)	Ethyl- benzene (ppb)	Toluene (ppb)	Total Xylenes (ppb)	BETX (ppb)	MTBE (ppb)	Total Trimethyl benzene (ppb)	Total P/VOC* (ppb)	GRO (ppb)	DRO (ppb)	Dissolved Iron (ppm)	Dissolved Manganese (ppm)	D.O. (ppm)	Eh (volts)	Temp. F	Conductivity (umhos/CM3)	pH
27-Jul-92	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--
22-Oct-92	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--
28-Sep-93	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
21-Dec-93	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
21-Mar-94	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
20-Jun-94	ND	ND	1.4	2.2	3.6	ND	--	3.6	--	--	--	--	--	--	--	--	--
26-Sep-94	ND	ND	1.4	2.2	3.6	ND	--	3.6	--	--	--	--	--	--	--	--	--
30-Jan-95	ND	0.85(1)	0.85	6.6	8.3	ND	--	12.5	--	--	--	--	--	--	--	--	--
18-Apr-95	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
31-Jul-95	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
18-Oct-95	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
31-Jan-96	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
02-May-96	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
08-Jul-96	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
23-Jan-97	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
23-Jul-97	<0.16	<0.29	<0.36	<0.94	<LOD	<0.2	--	<LOD	--	--	--	--	0.2	--	--	--	--
10-Nov-97	<0.41	<0.23	<0.28	<0.51	<LOD	<0.53	--	<LOD	--	--	--	--	0.3	-139	--	--	--
10-Feb-98	<0.13	<0.22	<0.20	<0.23	<LOD	<0.16	--	<LOD	--	0.022	--	<0.0063	1.2	-135	38	490	7.49
19-May-98	<0.13	<0.22	<0.20	<0.23	<LOD	<0.16	--	<LOD	--	--	--	--	0.3	-197	48	590	7.15
13-Aug-98	<0.13	<0.22	<0.20	<0.23	<LOD	<0.16	--	<LOD	--	--	--	--	0.6	--	55	640	7.78
04-Nov-98	<0.13	<0.22	<0.20	<0.23	<LOD	<0.16	<0.29	<LOD	--	--	--	--	2.5	39	46	530	7.67
09-Feb-99	<0.13	<0.22	<0.20	0.56	0.56	<0.16	0.23	0.79	--	--	--	--	4.1	--	35	690	7.26
10-May-99	<0.18	<0.22	<0.17	<0.81	<LOD	<0.26	<LOD	<LOD	--	--	--	--	2.6	--	42	610	7.38

TABLE 4: Historic Ground Water Results (Continued)

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MW5A

Date	Benzene (ppb)	Ethyl- benzene (ppb)	Toluene (ppb)	Total Xylenes (ppb)	BETX (ppb)	MTBE (ppb)	Total Trimethyl benzene (ppb)	Total P/VOC* (ppb)	GRO (ppb)	DRO (ppb)	Dissolved Iron (ppm)	Dissolved Manganese (ppm)	D.O. (ppm)	Eh (volts)	Temp. F	Conductivity (umhos/CM3)	pH
27-Jul-92	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--
22-Oct-92	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--
28-Sep-93	ND	ND	ND	1.5	1.5	ND	--	1.5	--	--	--	--	--	--	--	--	--
21-Dec-93	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
21-Mar-94	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
20-Jun-94	ND	ND	ND	1.2	1.2	ND	--	1.2	--	--	--	--	--	--	--	--	--
26-Sep-94	ND	ND	ND	1.2	1.2	ND	--	1.2	--	--	--	--	--	--	--	--	--
30-Jan-95	ND	ND	ND	1.2	1.2	ND	--	0.87(1)	--	--	--	--	--	--	--	--	--
18-Apr-95	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
31-Jul-95	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
18-Oct-95	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
31-Jan-96	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
23-Jan-97	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
23-Jul-97	--	--	--	--	--	--	--	--	--	--	--	--	0.4	-324	--	--	--
10-Nov-97	<0.41	<0.23	<0.28	<0.51	<LOD	<0.53	--	<LOD	--	--	--	--	0.3	-109	--	--	--
10-Feb-98	--	--	--	--	--	--	--	--	--	--	--	--	1.5	-185	--	--	--
19-May-98	--	--	--	--	--	--	--	--	--	--	--	--	0.4	-238	--	--	--
13-Aug-98	--	--	--	--	--	--	--	--	--	--	--	--	0.2	--	--	--	--
04-Nov-98	--	--	--	--	--	--	--	--	--	--	--	--	1.9	215	--	--	--
09-Feb-99	--	--	--	--	--	--	--	--	--	--	--	--	1.7	--	--	--	--
09-Feb-99	--	--	--	--	--	--	--	--	--	--	--	--	1.6	--	--	--	--

MW6

Date	Benzene (ppb)	Ethyl- benzene (ppb)	Toluene (ppb)	Total Xylenes (ppb)	BETX (ppb)	MTBE (ppb)	Total Trimethyl benzene (ppb)	Total P/VOC* (ppb)	GRO (ppb)	DRO (ppb)	Dissolved Iron (ppm)	Dissolved Manganese (ppm)	D.O. (ppm)	Eh (volts)	Temp. F	Conductivity (umhos/CM3)	pH
13-Aug-98	<0.13	<0.22	<0.2	<0.23	<LOD	16	--	16	--	--	<0.019	0.17	7.2	--	55	1280	7.58
04-Nov-98	<0.13	<0.22	0.28	<0.23	0.28	<7	<0.29	0.28	--	--	--	--	2.4	90	46	950	7.56
09-Feb-99	<0.13	<0.22	<0.2	0.46	3.96	3.5	<0.29	3.96	--	--	--	--	3.5	--	36	660	7.45
10-May-99	<0.18	<0.22	<0.17	<0.81	<LOD	3.4	<LOD	3.4	--	--	0.029	0.049	2	--	42	980	7.15

TABLE 4: Historic Ground Water Results (Continued)

Tank Sump (RS1)

Date	Ethyl-		Total		BETX	MTBE	Total Trimethyl benzene	Total PVOC	GRO	DRO	Dissolved		D.O.	Eh	Temp.	Conductivity	pH
	benzene	toluene	Xylenes								Iron	Manganese					
	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)	(volts)	F	(umhos/CM3)	
28-Sep-93	4,200	130	11,000	6,500	21,830	1,000	--	25,250	--	--	--	--	--	--	--	--	--
21-Dec-93	3,500	210	8,800	7,700	20,210	680	--	24,020	--	--	--	--	--	--	--	--	--
21-Mar-94	5,400	1,500	21,000	12,300	40,200	870	--	45,620	--	--	--	--	--	--	--	--	--
20-Jun-94	Sump not sampled due to the presence of free product							--	--	--	--	--	--	--	--	--	--
26-Sep-94	9,800	2,100	35,000	13,700	60,600	3,400	--	69,200	110,000	--	--	--	--	--	--	--	--
30-Jan-95	9,100	3,900	49,000	20,200	82,200	1,100	--	88,900	--	--	--	--	--	--	--	--	--
18-Apr-95	Sump not sampled due to the presence of free product							--	--	--	--	--	--	--	--	--	--
31-Jul-95	2,500	1,800	16,000	11,200	31,500	580	--	35,680	--	--	--	--	--	--	--	--	--
18-Oct-95	1,200	760	6,300	5,900	14,160	230	--	16,320	--	--	--	--	--	--	--	--	--
31-Jan-96	1,800	860	8,500	6,600	17,760	3,700	--	23,750	--	--	--	--	--	--	--	--	--
02-May-96	900	900	5,600	6,200	13,600	520	--	16,400	--	--	--	--	--	--	--	--	--
08-Jul-96	720	1,400	5,000	7,000	14,120	150	--	16,960	--	--	--	--	--	--	--	--	--
23-Jan-97	280	370	1,400	2,290	4,440	93	--	5,413	--	--	--	--	--	--	--	--	--
23-Jul-97	120	22	140	540	822	25	--	1,217	--	--	--	--	0.4	-104	--	--	--
10-Nov-97	61	50	23	450	584	28	--	1,972	--	--	--	--	1	30	--	--	--
10-Feb-98	14	6	1	15	36	24	--	97	--	--	0.82	0.61	1.7	-270	38	4020	7.26
19-May-98	2.7	1.7	<0.4	9.6	14	<1	--	65	--	--	--	--	0.2	-69	48	5450	6.77
13-Aug-98	<1.8	11	0.59	9.6	21	<0.16	--	86	--	--	--	--	0.2	--	60	4960	7.19
02-Sep-98	Remedial System Shut Down for Site Attenuation Monitoring																
04-Nov-98	1.3	3	0.39	1.5	6.4	0.31	4.7	11	--	--	--	--	1.9	-8	46	3040	7.31
09-Feb-99	0.58	1.7	0.33	3.1	5.7	0.39	14	20	--	--	--	--	4.4	--	35	3570	6.98
10-May-99	0.21	<0.22	0.17	<0.81	0.21	<0.26	<LOD	0.38	--	--	0.76	0.82	2.9	--	40	5570	7.1

TABLE 4 : Historic Ground Water Test Results (Continued)

Monitoring Sump MS1 (RS2)

Date	Benzene (ppb)	Ethyl- benzene (ppb)	Toluene (ppb)	Total Xylenes (ppb)	BETX (ppb)	MTBE (ppb)	Total Trimethyl benzene (ppb)	Total PVOC (ppb)	GRO (ppb)	DRO (ppb)	Dissolved Iron (ppm)	Dissolved Manganese (ppm)	D.O. (ppm)	Eh (volts)	Temp. F	Conductivity (umhos/CM3)	pH
26-Sep-94	6,600	1,400	24,000	12,700	44,700	ND	--	47,270	60,000	--	--	--	--	--	--	--	--
30-Jan-95	7,000	2,700	29,000	23,100	61,800	ND	--	68,600	60,000	--	--	--	--	--	--	--	--
18-Apr-95	5,400	3,800	33,000	35,000	77,100	ND	--	85,400	--	--	--	--	--	--	--	--	--
31-Jul-95	4,300	2,000	10,000	20,600	36,900	410	--	44,310	--	--	--	--	--	--	--	--	--
18-Oct-95	5,200	620	9,800	8,200	23,820	340	--	26,310	--	--	--	--	--	--	--	--	--
31-Jan-96	2,500	250	2,300	3,600	8,650	250	--	9,790	--	--	--	--	--	--	--	--	--
02-May-96	4,800	800	11,000	6,200	22,800	240	--	24,090	--	--	--	--	--	--	--	--	--
08-Jul-96	4,000	900	6,800	6,300	18,000	260	--	19,510	--	--	--	--	--	--	--	--	--
03-Feb-97	450	230	1,800	2,300	4,780	49	--	5,329	--	--	--	--	0.6	-253	--	--	--
23-Jul-97	150	70	89	720	1,029	17	--	1,476	--	--	--	--	0.6	-31	--	--	--
10-Nov-97	310	180	270	1,030	1,790	17	--	2,152	--	--	7.1	1.6	0.5	-415	40	--	6.92
10-Feb-98	130	50	210	800	1,190	<0.32	--	1,297	--	--	--	--	0.2	-226	48	7040	6.77
19-May-98	300	130	750	1,700	2,880	<10	--	3,225	--	--	--	--	0.2	--	60	4670	7.19
13-Aug-98	140	83	380	580	1,183	<7.2	--	1,318	--	--	3.7	0.55	0.2	--	60	4670	7.19
02-Sep-98	Remedial System Shut Down for Site Attenuation Monitoring												4	77	48	4720	7.23
04-Nov-98	270	200	810	1,000	2,280	10	172	2,462	--	--	--	--	5	--	35	1940	6.74
09-Feb-99	150	200	45	1,600	1,995	<3.2	454	2,449	--	--	--	--	3.4	--	40	11720	7.16
10-May-99	110	140	13	620	883	13	440	1,336	--	--	11	0.63	3.4	--	40	11720	7.16

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TABLE 4 : Historic Ground Water Test Results (Continued)

Monitoring Sump MS2 (RS3)

Date	Benzene (ppb)	Ethyl-benzene (ppb)	Toluene (ppb)	Total Xylenes (ppb)	BETX (ppb)	MTBE (ppb)	Total Trimethylbenzene (ppb)	Total PVOC (ppb)	GRO (ppb)	DRO (ppb)	Dissolved Iron (ppm)	Dissolved Manganese (ppm)	D.O. (ppm)	Eh (volts)	Temp. F	Conductivity (umhos/CM3)	pH
26-Sep-94	0.3	ND	ND	ND	0.8	1.2	--	2.6	ND	150	--	--	--	--	--	--	--
30-Jan-95	Sump Dry																
18-Apr-95	0.9	ND	27	54	91.1	ND	--	106.1	--	--	--	--	--	--	--	--	--
31-Jul-95	0.9	15	19	27	68.8	ND	--	150.8	--	--	--	--	--	--	--	--	--
18-Oct-95	ND	ND	0.39	0.51	0.9	ND	--	2.2	--	--	--	--	--	--	--	--	--
31-Jan-96	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--	--
02-May-96	6.0	11	140	221	432	1.4	--	492.4	--	--	--	--	--	--	--	--	--
08-Jul-96	5.2	2	1.1	11	67	1.4	--	71.3	--	--	--	--	--	--	--	--	--
23-Jan-97	1.3	0.9	0.5	7	41.8	1	--	49.3	--	--	--	--	--	--	--	--	--
23-Jul-97	1.8	16	1.6	22	57.5	0.33	--	80.8	--	--	--	--	1.4	-152	--	--	--
10-Nov-97	1.6	0.29	<0.28	<0.51	1.9	<0.53	--	2.6	--	--	--	--	0.6	80	--	--	--
05-Feb-98	Recovery Pump RW3 Shut Down for Attenuation Monitoring within the North Excavation																
10-Feb-98	1.2	17	0.4	1.8	31.2	<0.16	--	47.9	--	--	9.2	0.29	2.2	-401	38	10900	7.03
19-May-98	<0.13	<0.22	<0.2	<0.23	<LOD	<0.16	--	<LOD	--	--	--	--	0.4	-110	48	3040	6.54
13-Aug-98	<0.13	<0.22	<0.2	<0.23	<LOD	<0.16	--	<LOD	--	--	--	--	0.2	--	60	2390	7.26
02-Sep-98	Remedial System Shut Down for Site Attenuation Monitoring																
04-Nov-98	<0.13	<0.22	<0.2	<0.23	<LOD	<0.16	<0.29	<LOD	--	--	--	--	2.6	15	46	2070	7.25
09-Feb-99	0.33	0.24	<0.2	<0.23	0.6	<0.16	0.55	24.9	--	--	--	--	3.4	--	35	5440	6.97
10-May-99	<0.18	<0.22	<0.17	<0.81	<LOD	<0.26	<LOD	<LOD	--	--	--	--	1.8	--	42	4750	6.96

0.00 = Exceeds NR140 Ground Water Preventive Action Limits
 0.00 = Exceeds NR140 Ground Water Enforcement Standard

NR 140 Ground Water Standards (ppb)	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	Total Trimethylbenzene
Enforcement Standard	5	700	343	620	60	480
Preventive Action Limit	0.5	140	68.6	124	12	96

- (1) Reported Analytic Result above Method LOQ
- * = Total Represents VOC prior to 1/1993 and PVOC thereafter
- ** = Enforcement Standard (ES), Preventive Action Limit (PAL) (NR 140.10, March 1994)
- PVOC = Petroleum Volatile Organic Compounds (EPA Method 8020)
- VOC = Volatile Organic Compounds (EPA Method 8021)
- BETX = Sum of Benzene, Ethylbenzene, Toluene, and Xylenes
- GRO = Gasoline Range Organics
- DRO = Diesel Range Organics
- LOD = Limit of Detection

NA11242EGWRESULT.WB2

RS1 MS1 MS2

MILLER
ENGINEERS
SCIENTISTS

An Employee-Owned Company

RIGHT-OF-WAY

October 22, 1999

COPY

11242E805

Ms. Louise Sedarski
City Clerk
City of Berlin
108 North Capron
Berlin, WI 54923

Subject: **Notification of Remaining Soil & Ground Water Contamination
Berlin AMOCO Food Shop, 247 Ripon Road
Berlin, Wisconsin
WDNR No.: 702 DCOMM No.: 54923-2131-47**

Dear Ms. Sedarski:

Condon Oil Company has successfully remediated the Berlin AMOCO Food Shop site to meet WDNR criteria for project closure (refer to the attached *Conditional Closure Approval for Berlin AMOCO Food Shop* letter dated October 11, 1999). However, several conditions as outlined in the attached WDNR letter must be met prior to site closure. One of the conditions requires Condon Oil Company to notify the City of Berlin that soil contamination and likely low levels of ground water contamination remains below S.T.H. 49 adjacent to the subject property. This notification will allow the WDNR to move forward with site closure with the understanding that the City of Berlin has knowledge of the remaining contaminants allowing you to take them into consideration during road and utility upgrades.

Condon Oil Company appreciates your assistance and requests a return signature on this letter indicating your acceptance of this notification. Please return the signed letter directly to Mr. Tom Reinsch at Condon Oil Company, 126 East Jackson Street, P.O. Box 184, Ripon, WI 54971-0184.

If you have any questions, please call either Mr. Tom Reinsch at Condon Oil Company (920-748-3186) or Todd Grunwald at Miller Engineers & Scientists (920-458-6164).

Signature *Dennis E. Jordan* Date 10-27-99

Sincerely,

MILLER ENGINEERS & SCIENTISTS

Todd W. Grunwald
Todd W. Grunwald, P.G.
Engineering Geologist/Hydrogeologist

Peter G. Pittner
Peter G. Pittner, M.S.
Vice President

TWG/sj

Enclosure: **Conditional Closure Approval for Berlin AMOCO Food Shop**
c: **Mr. Tom Reinsch, Condon Oil Company**

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