

## **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: 10/07/1998

**BRRTS #:**

03-05-000392

**ACTIVITY NAME:**

OPEN PANTRY FOOD MART

**FID #:**

405188190

**PROPERTY ADDRESS:**

2531 Babcock Rd

**DATCP #:**

**MUNICIPALITY:**

Ashwaubenon

**PECFA#:**

54313575031A

**PARCEL ID #:**

VA-463-M-10

**\*WTM COORDINATES:**

**WTM COORDINATES REPRESENT:**

X:

671215

Y:

448234

Approximate Center Of Contaminant Source

Approximate Source Parcel Center

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

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 #:	03-05-000392 (No Dashes)	PARCEL ID #:	VA-463-M-10		
ACTIVITY NAME:	OPEN PANTRY FOOD MART	WTM COORDINATES: X:	671215	Y:	448234

**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 #: 2**                      **Title: Site Map**
  - 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 #: 1**                      **Title: Sampling Configuration (POST CLOSURE)**

BRRTS #: 03-05-000392

ACTIVITY NAME: OPEN PANTRY FOOD MART

**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 #:**                      **Title:**

**Figure #:**                      **Title:**

**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 #:**                      **Title: Groundwater Elevation Map Contour Map**

**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 #:**                      **Title: Groundwater Elevation Map Contour Map**

**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 Sampl Laboratory Analytical Results**

**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 #: 2**                      **Title: Groundwater Analytical 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 #:**                      **Title:**

**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 #: 03-05-000392

ACTIVITY NAME: OPEN PANTRY FOOD MART

## 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:



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
William R. Selbig, Regional Director

Northeast Regional Headquarters  
Solid Waste Office  
PO Box 10448, 1125 N. Military Ave.  
Green Bay, Wisconsin 54307-0448  
TELEPHONE 414-492-5916  
FAX 414-492-5859  
TDD 414-492-5812

October 7, 1998

Mr. Robert Buhler  
Open Pantry Food Mart, Inc.  
817 S Main Street  
Green Bay, WI 53403

SUBJECT: Closure, Open Pantry Food Mart, Inc.; 2531 Babcock Drive; Village of Ashwaubenon  
BRRS CASE #03-05-000392

Dear Mr. Buhler:

On May 27, 1998, you were notified that the above named site was reviewed by the Northeast Region Closeout Committee and qualified for closeout under ch. NR 726, Wis. Adm. Code. However, the site could not be officially closed until the Department received that documentation that the groundwater use restriction was filed with Brown County Register of Deeds and the monitoring wells were properly abandoned according to the requirements of NR 141 Wis. Adm. Code.

On July 15, 1998, the Department received written documentation that the monitoring wells were abandoned. On October 6, 1998, the Department received a filed copy of the groundwater use restriction. Therefore, the Department considers this case closed, having determined that no further action is necessary at the site at this time. However, this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicate that contamination on or from the site poses a threat to public health, safety or welfare to the environment.

If you have additional relevant information which was not formerly provided to the WDNR, you should resubmit this information to the WDNR for reevaluation.

If you have any questions regarding the content of this letter, please contact me at (920) 492-5592.

Sincerely,

  
Roxanne Nelezen Chronert  
Spills Coordinator - Hydrogeologist  
Remediation & Redevelopment Program

cc: Laura Barreto; GAS & Associates, Inc.; One Honey Creek Corporate Center; 125 S 84<sup>th</sup> Street, Suite  
401; Milwaukee WI 53226

 File

MW ABANDONMENT & DEED FILED



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 and 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 the restrictions set forth in this covenant are no longer required. Upon 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, with a copy of the Department's written determination, may be recorded to give notice that this groundwater use restriction is no longer binding.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 29<sup>th</sup> day of Sept, 1998.

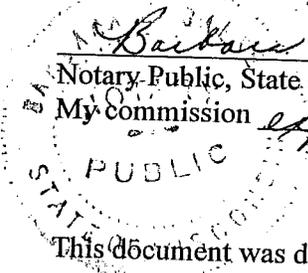
Signature: [Handwritten Signature]

Printed Name: Robert W. Butler

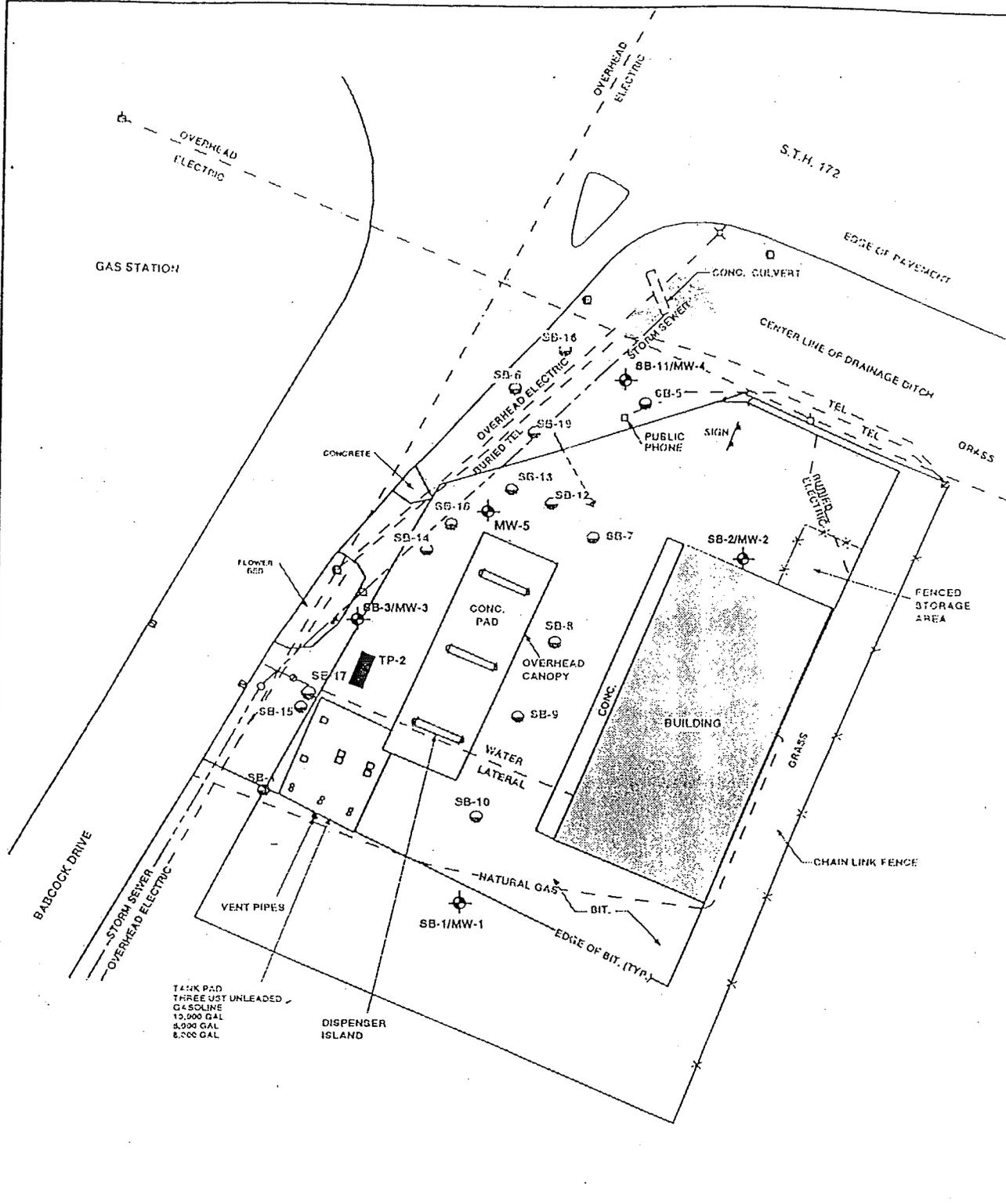
Title: Chairman

Subscribed and sworn to before me this 29<sup>th</sup> day of September 1998.

Barbara E. Balke  
Notary Public, State of Wisconsin  
My Commission expired April 2, 2000



This document was drafted by the Wisconsin Department of Natural Resources.



**LEGEND**

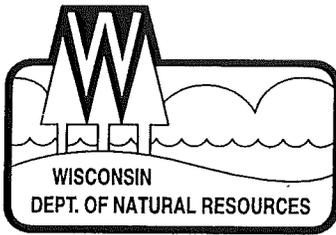
- POWER POLE
- ⊗ LIGHT POLE
- MANHOLE
- ⊙ STORM SEWER
- WATER LATERAL (EXACT LOCATION UNKNOWN)
- ELECTRIC MANHOLE
- GAS
- TELEPHONE

**ATTACHMENT 1**

OPEN PANTRY FOOD MART  
2531 BABCOCK DRIVE  
ASHWAUBENON, WISCONSIN

SCALE:	AS SHOWN
DATE:	2-28-92
PROJ. MGR:	LLB
DRAWN BY:	TMW
JOB NUMBER:	958907





State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
William R. Selbig, Regional Director

Northeast Regional Headquarters  
Solid Waste Office  
PO Box 10448, 1125 N. Military Ave.  
Green Bay, Wisconsin 54307-0448  
TELEPHONE 414-492-5916  
FAX 414-492-5859  
TDD 414-492-5812

May 27, 1998

Mr. Robert Buhler  
Open Pantry Food Mart, Inc.  
817 S. Main St.  
Racine, WI 53403

SUBJECT: Groundwater Use Restriction for: 2531 Babcock Drive; Ashwaubenon, WI  
WDNR Lust Case # 03-05-000392

Dear Mr. Buhler

On May 5, 1998, the Northeast Region Closeout Committee met to discuss various sites. The committee has agreed to close this site pending a groundwater use restriction. This groundwater use restriction will state that inaccessible groundwater contamination may remain at this site and that additional remedial action is not feasible at this time. The document would be placed in the file with the deed running with the property.

Only when the groundwater use restriction has been finalized and filed with Brown County can this site be closed. To complete the deed notification, the Department requires a complete (unabbreviated) legal description and map of the property. This may be obtained from the Brown County Register of Deeds.

As soon as this is submitted, the Department will send you a draft copy of the groundwater use restriction, containing language regarding the remaining groundwater contamination. A revised copy will be sent for your review and signature. If it is acceptable, you are to sign it and return a signed copy with proof of filing for our files. At that time, the site may be closed.

This groundwater use restriction is an option which the Department can offer in order to close this site. If you choose not to accept this option, you may perform additional investigation and cleanup of the remaining contamination. Within **14 days** please submit a letter to the Department documenting your intentions.

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

If you have any questions, please contact me at (920) 492-5592.

Sincerely,



Roxanne Nelezen Chronert  
Spills Coordinator, Hydrogeologist  
Remediation and Redevelopment Program

cc: Laura Barreto; Graef, Anhalt, Schloemer & Associates, Inc.; Environmental Division;  
345 North 95th St.; Milwaukee, WI 53226

file

DOCUMENT NO.

971814

J 5195 I 1

QUIT CLAIM DEED  
STATE BAR OF WISCONSIN--FORM 3  
THIS SPACE RESERVED FOR RECORDING DATA

REGISTER OF DEEDS  
BROWN COUNTY

JAN 15 1982

AT 8:01 O'CLOCK A.M.  
*Hayes* REGISTER OF DEEDS

RETURN TO Robert W. Buhler  
817 S. Main St.  
Racine, WI 53403

5531 Abstract

Robert P. Goodman  
quit-claims to Robert W. Buhler  
the following described real estate in BROWN County,  
State of Wisconsin:

Tax Key No. ....

Lot 11, Rolling Meadows Subdivision, in the Village  
of Ashwaubenon, Brown County, State of Wisconsin.

TRANSFER  
\$ 22950  
FEE

This is not homestead property.

(is) (is not)

Dated this 2nd day of January, 1982

(SEAL)

*Robert P. Goodman*  
Robert P. Goodman

(SEAL)

(SEAL)

(SEAL)

AUTHENTICATION

Signatures authenticated this ..... day of  
..... 19.....

ACKNOWLEDGMENT

STATE OF WISCONSIN

Racine County, Wis.

Personally came before me, this 2nd day of  
January 1982, the above named  
Robert P. Goodman

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Attorney Robert P. Goodman

to my known to be the person who executed the  
instrument and acknowledged the same.

Patricia M. Radke  
Notary Public Racine County, Wis.  
My Commission is permanent. (If not, state expiration  
date: September 18, 1983.)

(Signatures may be authenticated or acknowledged. Both  
are not necessary.)  
The use of witnesses is optional.

STATE OF WISCONSIN

CIRCUIT COURT

BROWN COUNTY

IN RE: Lot 10, Rolling Meadows  
Subdivision, Village of Ashwaubenon,  
Brown County, Wisconsin.

ORDER OF PETITION TO CORRECT  
DESCRIPTION IN A CONVEYANCE

Pursuant to the attached Petition and Chapter 847.07 Wisconsin Statutes, it is hereby ordered that the description contained in a Quit Claim Deed dated January 2, 1982 and recorded in the office of the Register of Deeds for Brown County, Wisconsin on January 15, 1982 in Jacket 5195 Records, Image 1 as Document Number 971814 be and the same is hereby corrected to read as follows:

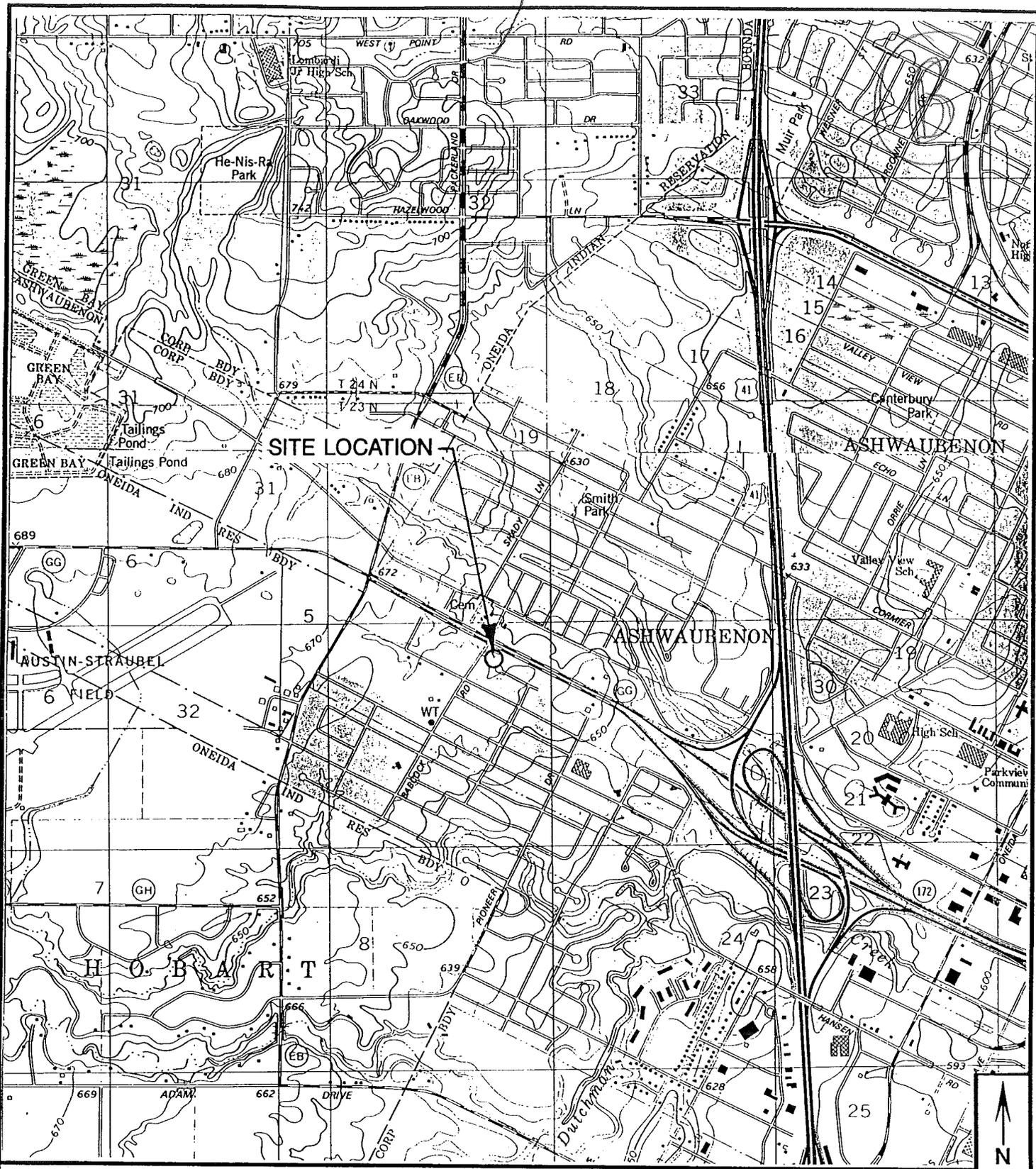
Lot Ten (10), Rolling Meadows Subdivision, Village  
of Ashwaubenon, Brown County, Wisconsin.

Dated at Green Bay, Wisconsin this 5th day of May, 1987.

COPY

BY THE COURT:

  
Circuit Judge Branch  
Brown County, Wisconsin.



SOURCE: USGS, DE PERE AND GREEN BAY WEST QUADRANGLES, 7.5 MINUTES SERIES, 1982

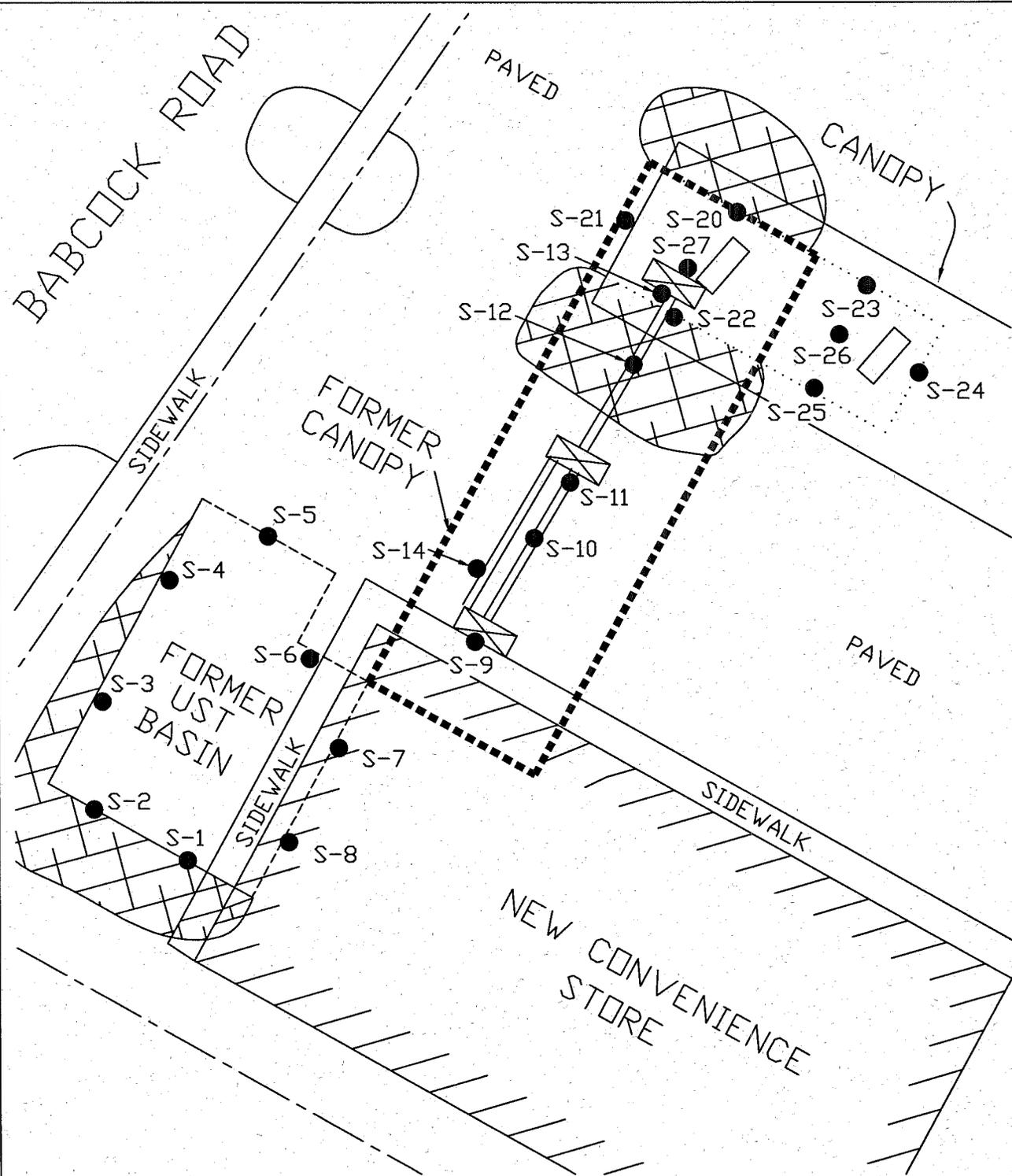
**SITE LOCATION MAP**

**OPEN PANTRY FOOD MART  
2531 BABCOCK DRIVE  
ASHWAUBENON, WISCONSIN**

SCALE:	1" = 2000'
DATE:	12-30-94
PROJ. MGR:	PJJ
DRAWN BY:	JZ
JOB NUMBER:	958907
REVISION DATE:	

**GRAEF  
ANHALT  
SCHLOEMER**  
and Associates Inc.  
ENGINEERS & SCIENTISTS





LEGEND

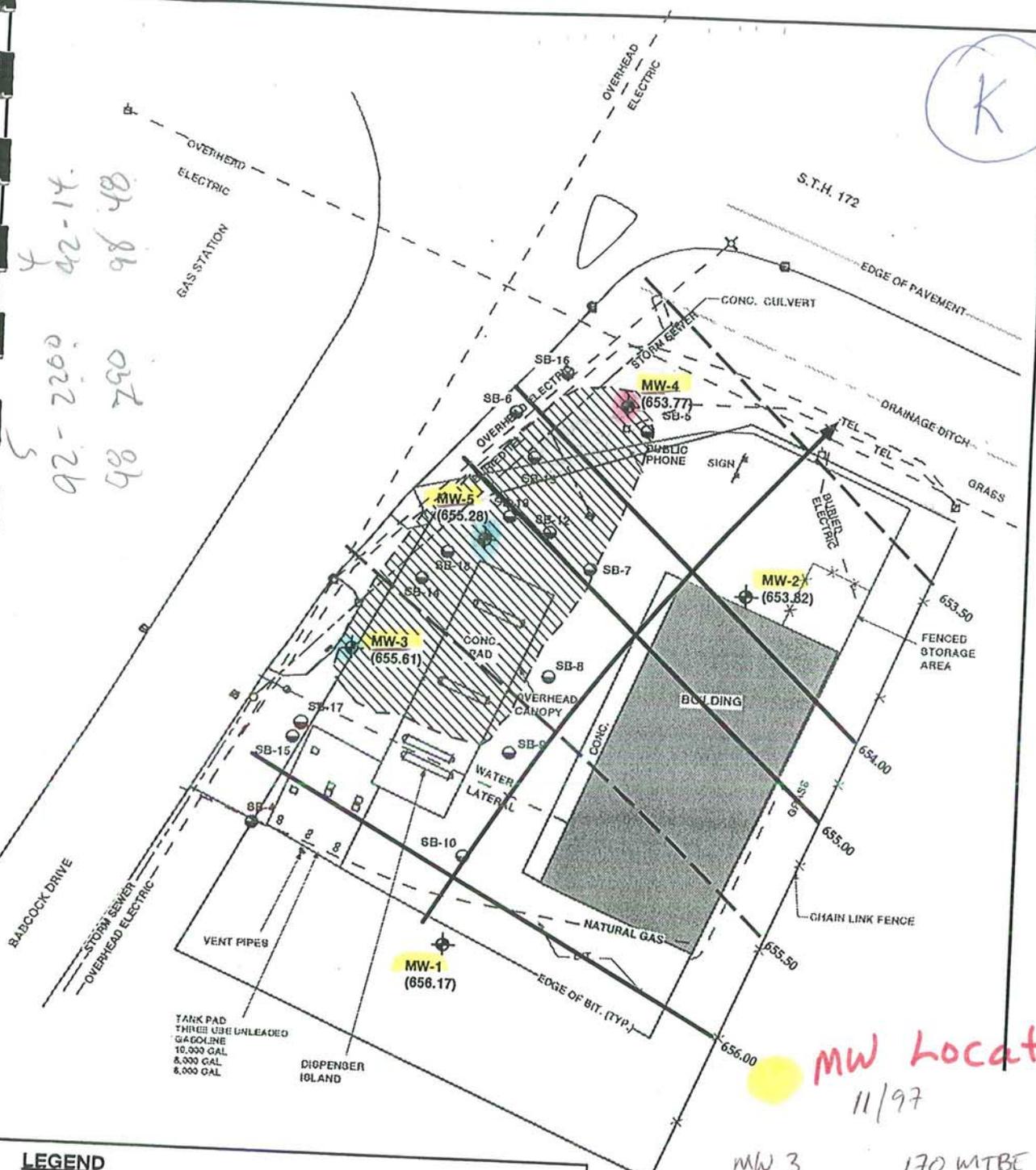
-  AREA OF RESIDUAL SOIL CONTAMINATION ASSOCIATED W/FORMER RUNWAY EXPRESS
-  EXTENT OF EXCAVATION
-  APPROXIMATE PROPERTY LINE
-  DISPENSER ISLAND
-  STORM SEWER CATCH BASIN
-  FORMER DISPENSER ISLAND
-  SOIL SAMPLE LOCATION

FIGURE 1  
 SAMPLING CONFIGURATION  
 FORMER RUNWAY EXPRESS  
 (OPEN PANTRY FOOD MART)  
 ASHWAUBENDON, WISCONSIN

SCALE	SHEET NO.	DWG NO.	DATE	SIZE	DRWN BY	FILE	REVISED	DATE
1" = 10'	1 OF 1	PD6709.95.1.11	4/25/14	A	SVD	415		

(K)

4 02-14  
 98 98  
 5 92-2200  
 98 797



MW Locations  
 11/97

MW 3 170 MTBE ppb  
 MW 4 48 MTBE ppb  
 MW 5 290 MTBE ppb

ES Exceedance

PAL Exceedance



Table 1  
Soil Sample Laboratory Analytical Results  
Former Runway Express (Open Pantry Food Mart)  
Ashwaubenon, Wisconsin

Sample ID	Sample Date	Sample Depth (feet bgs)	PID (ppm eq)	GRO	Benzene	Ethyl-benzene	Toluene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Naphthalene
S-1	12/4/2012	5.0	130	<10	<b>67</b>	77	271	375	154	58	<25	35
S-2	12/4/2012	5.0	71	13	<b>68</b>	184	30.4	234	480	163	<25	162
S-3	12/4/2012	5.0	80	25	<b>121</b>	291	33	558	<b>1,710</b>	<b>600</b>	<25	330
S-4	12/4/2012	5.0	84	13	<b>79</b>	270	31	212	420	141	<25	274
S-5	12/4/2012	4.5	7	<10	<25	<25	<25	<75	<25	<25	<25	<25
S-6	12/4/2012	5.0	4	<10	<25	<25	<25	<75	<25	<25	<25	<25
S-7	12/4/2012	4.5	28	<10	<25	<25	48	54	41	<25	<25	<25
S-8	12/4/2012	4.5	43	<10	<25	29.1	29.9	<75	<25	<25	<25	<25
S-9	12/4/2012	3.5	2	<10	<25	<25	<25	<75	<25	<25	<25	<25
S-10	12/4/2012	3.0	29	<10	<25	<25	<25	<75	38	<25	<25	<25
S-11	12/4/2012	3.5	69	<10	<25	<25	<25	<75	<25	<25	<25	<25
S-12	12/4/2012	3.0	>1,000	7,800	<b>142,000</b>	<b>155,000</b>	<b>460,000</b>	<b>820,000</b>	<b>320,000</b>	<b>118,000</b>	<1,250	<b>52,000</b>
S-13	12/4/2012	3.5	>1,000	1,620	<b>16,500</b>	<b>15,600</b>	<b>3,110</b>	<b>25,800</b>	<b>149,000</b>	<b>39,000</b>	<250	<b>34,000</b>
S-14	12/4/2012	3.0	20	<10	<25	<25	<25	<75	<25	<25	<25	<25
S-20	1/2/2013	5.0	63	124	<b>2,450</b>	<b>2,270</b>	110	2,242	720	670	<25	<b>1,460</b>
S-21	1/2/2013	5.0	7	<10	<25	<25	<25	<75	<25	<25	<25	<25
S-22	1/2/2013	5.0	60	34	420	284	420	1,360	1,080	470	<25	144
S-23	1/2/2013	5.0	2.4	<10	<25	<25	<25	<75	<25	<25	<25	<25
S-24	1/2/2013	5.0	0.3	<10	<25	<25	<25	<75	<25	<25	<25	<25
S-25	1/2/2013	4.5	0.3	<10	<25	<25	<25	<75	<25	<25	<25	<25
S-26	1/2/2013	6.0	0.5	<10	<25	<25	<25	<75	<25	<25	<25	<25
S-27	1/2/2013	6.0	1.2	<10	<25	<25	<25	<75	<25	<25	<25	<25
Calculated RCLs (groundwater protection)				NS	5.1	1,570	1,107.2	3,940	1,397.3		27	658.7
Calculated RCLs (direct contact/non-industrial site)				NS	1,490	7,470	818,000	258,000	89,800	182,000	59,400	5,150

Notes: All concentrations reported are in parts per billion (ug/kg) except GRO reported in parts per million (mg/kg)  
**Bold value** represents an exceedance of Calculated RCLs (groundwater protection)  
*Italics value* represents an exceedance of Calculated RCLs (direct contact/non-industrial site)  
bgs: below ground surface MTBE: methyl tert-butyl ether  
PID: photoionization detector NA: not analyzed/not applicable  
ppm eq: parts per million equivalent ND: no detection above laboratory reporting limits  
GRO: gasoline range organics NS: no standard  
TMB: trimethylbenzene

TABLE 2

GROUNDWATER ANALYTICAL RESULTS  
 MW-1 THROUGH MW-5  
 January 10, 1997, April 29, 1997, August 26, and November 20, 1997

OPEN PANTRY FOOD MART  
 2531 BABCOCK DRIVE  
 ASHWAUBENON, WISCONSIN

PARAMETER	NR 140 <sup>a</sup>		Trip Blank	MW-1			MW-2				MW-3				MW-4				MW-4 dup		MW-5				MW-5 dup			
	ES ppb	PAL ppb		NET	NET	U.S. Oil	U.S. Oil	U.S. Oil	NET	U.S. Oil	U.S. Oil	U.S. Oil	NET	U.S. Oil	U.S. Oil	U.S. Oil	NET	U.S. Oil	NET	U.S. Oil	NET	U.S. Oil	U.S. Oil	U.S. Oil	NET	U.S. Oil	NET	U.S. Oil
<b>Gasoline Range Organics (GRO) in ppb</b> Analytical Method: WDNR modified GRO	**	**	<50	<50	<100	<100	<100	NS	NS	NS	NS	<50	<50	<100	<100	<50	<100	<100	<100	<50	<100	130	155	170	160	-	200	
<b>Petroleum Volatile Organic Compounds (PVOCs) in ppb</b> Analytical Method: US EPA 8020																												
Benzene (71-43-2)	5	0.5	<0.13	<0.13	<0.21	<0.21	<0.21	NS	NS	NS	NS	6.8	59	<0.21	<0.21	<0.13	<0.21	<0.21	<0.21	0.20	<0.21	<0.13	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
Ethylbenzene (100-41-4)	700	140	<0.22	<0.22	<0.68	<0.68	<0.68	NS	NS	NS	NS	<0.22	<0.68	<0.68	<0.68	<0.22	<0.68	<0.68	<0.68	<0.22	<0.68	<0.22	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68
Methyl-t-butyl ether (MTBE) (1634-04-4)	60	12	<0.16	<0.16	<0.21	<0.21	<0.21	NS	NS	NS	NS	82	26	140	175	75	46	54	48	54	48	320	250	200	230	230	230	340
Toluene (108-88-3)	343	68.6	<0.20	<0.20	<1.5	<1.5	<1.5	NS	NS	NS	NS	1.9	<1.5	<1.5	<1.5	<0.20	<1.5	<1.5	<1.5	<0.20	<1.5	<0.20	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
1,2,4-Trimethylbenzene (85-63-6)	**	**	<0.22	<0.22	<1.0	<1.0	<1.0	NS	NS	NS	NS	<0.22	<1.0	<1.0	<1.0	<0.22	<1.0	<1.0	<1.0	<0.22	<1.0	<0.22	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene (108-67-8)	**	**	<0.29	<0.29	<0.86	<0.86	<0.86	NS	NS	NS	NS	<0.29	<0.86	<0.86	<0.86	<0.29	<0.86	<0.86	<0.86	<0.29	<0.86	<0.29	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
Xylenes, total	620	124	<0.23	<0.23	<1.8	<1.8	<1.8	NS	NS	NS	NS	0.34	<1.8	<1.8	<1.8	<0.23	<1.8	<1.8	<1.8	<0.23	<1.8	<0.23	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
<b>Lead - dissolved, in ppm (7439-92-1)</b> Analytical Method: US EPA 239.2	15	1.5	NT	<0.80 <sup>1</sup>	<1.0	<1.0	NT	NS	NS	NS	NS	<0.80 <sup>1</sup>	<1.0	1	NT	0.83 <sup>1</sup>	<1.0	<1.0	NT	NT	NT	<0.80 <sup>1</sup>	<1.0	<1.0	NT	NT	NT	
<b>Field Parameters</b>																												
Temperature (degrees C)	***	***	NA	11.1	10.9	14.4	11.8	NS	NS	NS	NS	6.2	9.7	20.7	12.20	8.3	8.2	8.2	11.10	16.6	11.10	8.5	9.7	17.7	12.90	9.7	9.7	
Specific Conductivity (mS/cm)	***	***	NA	1.4	1.3	1.50	1.31	NS	NS	NS	NS	1.7	3.79	1.71	1.34	10.8	5.52	5.52	10.04	7.38	10.04	2.21	1.85	2.06	1.97	1.85	1.85	
pH (negative base-10 logarithmic units)	***	***	NA	6.5	7.45	7.29	7.29	NS	NS	NS	NS	7.25	5.5	7.12	7.14	7.14	6.5	7.0	7.0	7.0	6.89	7.0	7.0	7.24	7.17	7.17	7.24	7.24

ppb = parts per billion

ppm = parts per million

NS = not sampled per approval of WDNR (is side gradient well).

NT = Parameter not tested

NA = Not applicable

<sup>a</sup>Chapter NR 140 groundwater quality standards, Wisconsin Administrative Code.

\*\*No standards currently exist.

<sup>1</sup> = Dissolved lead results which were reported in ppm, but converted to ppb in this table for comparison with WDNR ES & PAL (which are in ppb).

NET = National Environmental Testing, Inc., Watertown, Wisconsin, state certification #128053530.

U.S. Oil = U.S. Oil Co., Inc., Kimberly, Wisconsin, state certification #445027660.