

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.

REVISED

10:00 am, Jan 20, 2016

GIS REGISTRY
Cover Sheet

**POST
CLOSURE**

July, 2008
(RR 5367)

Source Property Information

BRRTS #: 03-45-001709

ACTIVITY NAME: Appleton City Police Dept

PROPERTY ADDRESS: 222 S Walnut St

MUNICIPALITY: Appleton

PARCEL ID #: 313084000

CLOSURE DATE: 4/12/1996

FID #: 445122700

DATCP #:

COMM #: 54911589922A

***WTM COORDINATES:**

X: 646836 **Y:** 421998

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

WTM COORDINATES REPRESENT:

Approximate Center Of Contaminant Source

Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

Groundwater Contamination > ES (236)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties
see "Impacted Off-Source Property")*

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

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties
see "Impacted Off-Source Property")*

Land Use Controls:

Soil: maintain industrial zoning (220)

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

Structural Impediment (224)

Site Specific Condition (228)

Cover or Barrier (222)

*(note: maintenance plan for
groundwater or direct contact)*

Vapor Mitigation (226)

Maintain Liability Exemption (230)

*(note: local government or economic
development corporation)*

Monitoring wells properly abandoned? (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 #: 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.)
- 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 8.5 x 14 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 #: Various **Title: Various - 2 pages total**
 - 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 #: **Title: 2015 Site Conditions - Impervious Cap**

BRRTS #: 03-45-001709

ACTIVITY NAME: Appleton City Police Dept

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 #: 4 Title: Diagrammatic Cross-Section of Stratigraphy From A to A'

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 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 #: 5 Title: Groundwater Elevation Contour Map (8/28/95)

Figure #: Title:

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

Tables must be no larger than 8.5 x 14 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 #: Various Title: Various - 4 pages total

- 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 #: Title:

- 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 #: 03-45-001709

ACTIVITY NAME: Appleton City Police Dept

NOTIFICATIONS

Source Property

- 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.

- 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.
- 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, District Director

Department of Natural Resources
Box 2565
Oshkosh, Wisconsin 54903
TELEPHONE 414-424-3050
FAX 414-424-4404

April 12, 1996

Mr. Earl Schroeder
2625 E. Glendale Avenue
Appleton, WI 54915

SUBJECT: Close Out of LUST Case #45-1709
Appleton Police Department

Dear Mr. Schroeder:

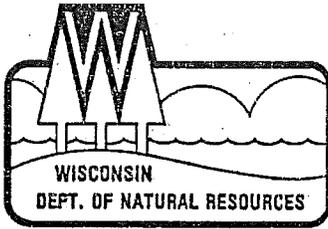
On October 3, 1995, the above named site was reviewed by the Lake Michigan District Closure Committee for a determination for case close out as provided in ch. NR 726, Wis. Adm. Code. Based on the investigative and remedial documentation provided, it was determined that the site could be closed with a deed restriction. In this case the restriction is an impermeable cap must be maintained on the site. This restriction has been placed on the deed at the Outagamie County Courthouse. Therefore, the Department considers the site "closed" and no further action is necessary at this time.

The Department appreciates the cooperation you have shown in this matter. If you have any additional questions please call me at 414-424-7887.

Sincerely,

Thomas Verstegen
Hydrogeologist
Leaking Underground Storage Tank Program

cc: Case File - Osh
Mr. Brian Wayner, Omni Associates, One Systems Drive, Appleton, WI
54914-1654



George E. Meyer, Secretary
William R. Selbig, District Director

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Oshkosh Area Office
905 Bayshore Drive
Box 2565
Oshkosh, Wisconsin 54903
Telephone #: (414)424-3050
Telefax #: (414)424-4404

November 20, 1995

Mr. Earl Schroeder
2625 E. Glendale Avenue
Appleton, WI 54915

SUBJECT: Close Out of LUST Case With Deed Restriction
Appleton Police Department

Dear Mr. Schroeder:

On October 3, 1995, the Lake Michigan District Closeout Committee met to discuss various sites. The committee has agreed to close this site pending a deed restriction. This deed restriction will state that inaccessible soil 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 deed restriction has been finalized and filed with Outagamie County can this site be closed. To complete the deed notification, the Department requires a complete (unabbreviated) legal description of the property be provided. This may be obtained from the Outagamie County Register of Deeds.

As soon as this is submitted, the Department will send you a draft copy of the deed restriction, containing language regarding the remaining petroleum 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 deed restriction is an option which the Department can offer in order to close this site with no further action. If you choose not to accept this option, you may perform additional investigation and cleanup of the remaining contamination. Within 21 days, please submit a letter to the Department documenting your intentions.

If you have any questions, you may contact me at (414) 424-7887.

Sincerely,

Thomas Verstegen
Hydrogeologist
Leaking Underground Storage Tank Program

cc: Case File - Osh
Mr. Brian Wayner, Omni Associates, One Systems Drive, Appleton, WI 54914-1654

v of una
16388
#42
Inyo

1141967

WARRANTY DEED

This Deed, made between JOSEPH G. HEBELER and ADRIENNE R. HEBELER, husband and wife, aka Joseph Hebeler and Adrienne Hebeler,

and CITY OF APPLETON, a Wisconsin Municipal Corporation, Grantor,

Grantee,
Witnesseth, That the said Grantor, for a valuable consideration of One Dollar and other valuable consideration, conveys to the following described real estate in Outagamie County, State of Wisconsin:

OUTAGAMIE COUNTY
RECEIVED FOR RECORD

DEC 5 1984

AT 8³⁰ O'CLOCK AM PM
GRACE HERB
REGISTER OF DEEDS

City of Appleton
Stephen C. Dozer
100 N. Appleton Street
Appleton, WI 54911

Tax Parcel No: 31-3-0840-01

The North 60 feet of the East 5 feet of Lot 5 and the North 60 feet of Lot 2, Block 43, GRAND CHUTE PLAT, City of Appleton, Outagamie County, Wisconsin.

Sellers shall be permitted to occupy the premises for the life of Joseph G. Hebeler or Adrienne R. Hebeler, whoever dies last.

FEE 12
EXEMPT

This is homestead property.

Together with all and singular the hereditaments and appurtenances thereto belonging, And warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except

and will warrant and defend the same

Dated this 29th day of November, 1984

(SEAL) x Joseph G. Hebeler
JOSEPH G. HEBELER

(SEAL) x Adrienne R. Hebeler
ADRIENNE R. HEBELER

AUTRENTICATION

Signature(s)

authenticated this 29th day of November, 1984

TITLE MEMBER STATE BAR OF WISCONSIN

(If not authorized by)

THIS INSTRUMENT
STEPHEN C. DOZER
As Notary Public
Appleton, WI 54911

This instrument may be authenticated or acknowledged, Both not necessary

ACKNOWLEDGMENT

STATE OF WISCONSIN

Outagamie County

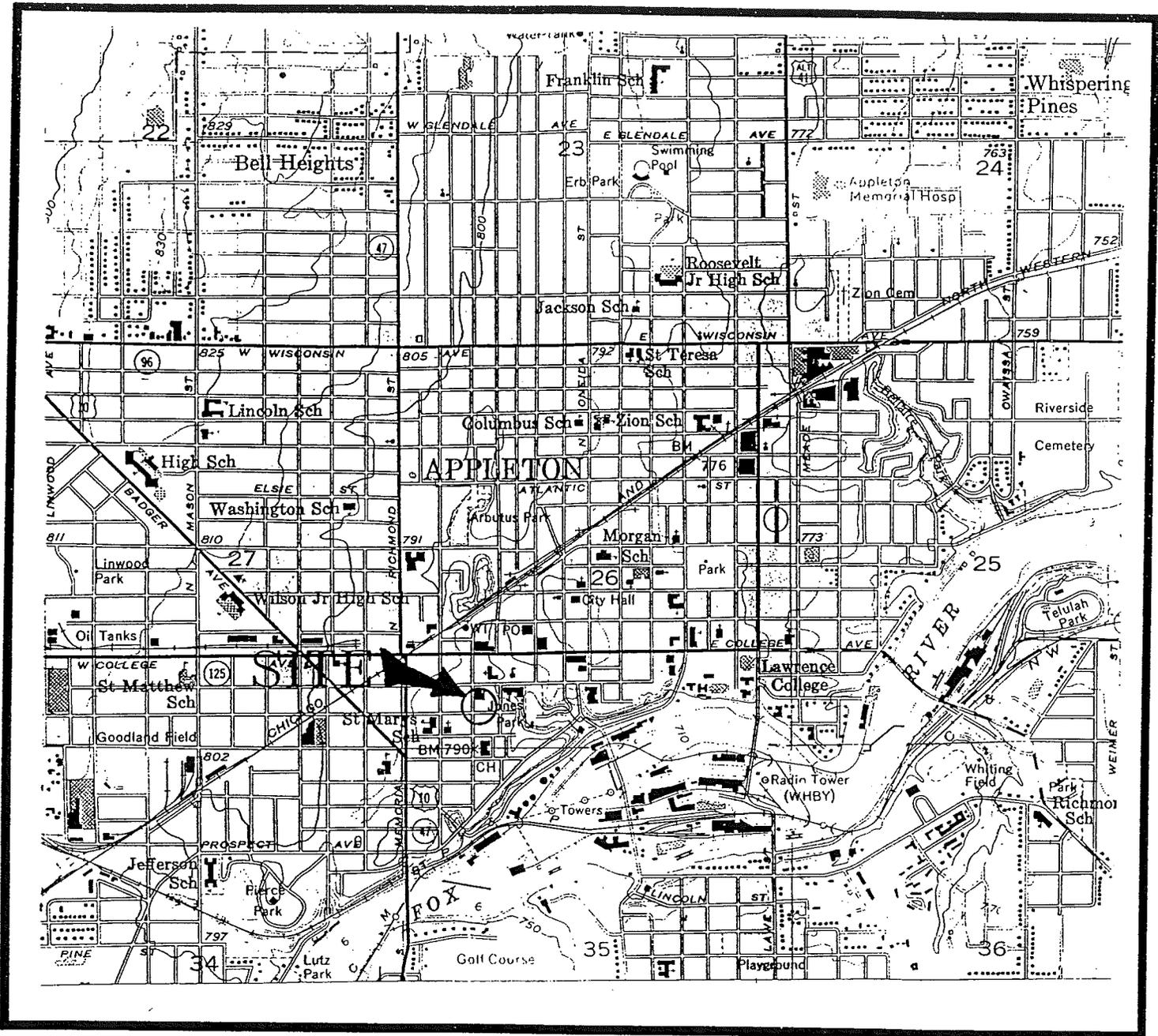
Personally came before me this 29th day of November, 1984, the above named Joseph G. Hebeler and Adrienne R. Hebeler,

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

Sophie A. Kennedy
Sophie A. Kennedy

Notary Public, Outagamie County, Wis
My Commission is permanent (if not, state expiration date) July 14, 1996

*Masks of persons who are not parties should be filled or printed in blue their signature



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, APPLETON, WISCONSIN QUADRANGLE, 1955 - PHOTOREVISED 1984.

1709

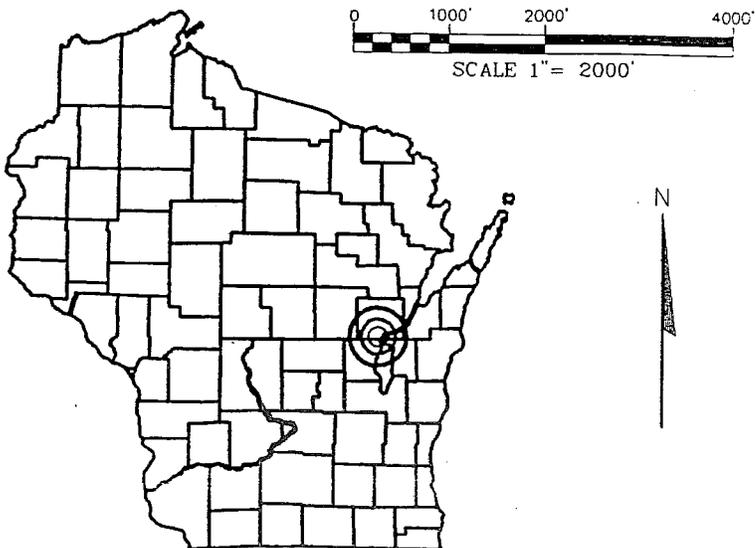


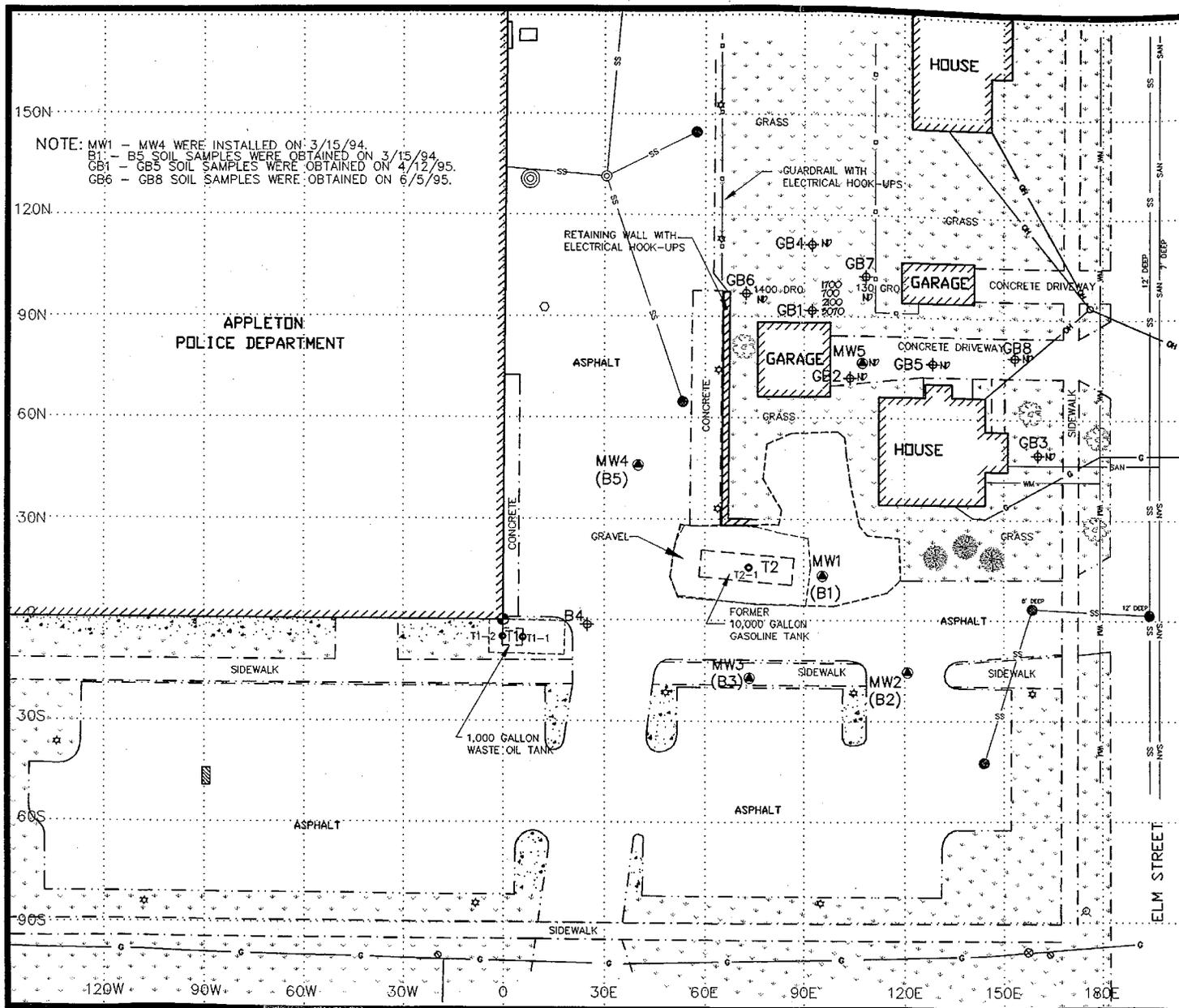
FIGURE 1
SITE LOCATION MAP

APPLETON POLICE DEPARTMENT
222 S. WALNUT STREET
APPLETON, WI 54911

OMNI
ASSOCIATES

PROJECT :	N1000A
CAD FILE:	N1000A1.DWG
DRAWN :	DL D
REVIEWED :	
DATE :	12/20/93

303 SOUTH BLUEMOUND DRIVE APPLETON, WI 54914
PHONE : (414) 739-7814 FAX : (414) 739-7765



- LEGEND:**
- MW1 ● WELL LOCATION AND I.D. No.
 - B1 ⊕ SOIL BORING LOCATION AND I.D. No.
 - GB1 ⊕ SOIL BORING LOCATION AND I.D. No.
 - 1400 DRO DRO CONCENTRATION IN SOIL (ppm)
 - 130 GRO GRO CONCENTRATION IN SOIL (ppm)
 - 1700 BENZENE CONCENTRATION IN SOIL (ppb)
 - 700 ETHYLBENZENE CONCENTRATION IN SOIL (ppb)
 - 200 TOLUENE CONCENTRATION IN SOIL (ppb)
 - 3070 TOTAL XYLENE CONCENTRATION IN SOIL (ppb)
 - NP NO PVOCS DETECTED
 - T1-1 SOIL SAMPLE LOCATION AND I.D.
 - LIMIT OF EXCAVATION (11/29/94)
 - LIMIT OF EXCAVATION (12/13/93)
 - FORMER TANK LOCATION
 - EDGE OF ASPHALT
 - EDGE OF CONCRETE
 - BUILDING FACE
 - GAS LINE AND VALVE
 - GUARDRAIL WITH ELECTRICAL HOOK-UPS
 - WM WATER MAIN
 - SS STORM SEWER
 - OH OVERHEAD ELECTRICAL
 - SAN SANITARY SEWER
 - UNDERGROUND FUEL TANK INTAKE
 - RADIO TOWER
 - ⊙ MANHOLE
 - ⊙ HYDRANT
 - ⊙ POWER POLE
 - ⊙ LIGHT POLE
 - ⊙ INLETS
 - ⊙ GAS METER
 - TRANSFORMER
 - STONE AREA
 - GRASS AREA
 - BUSH AND TREE
 - ⊙ REFERENCE POINT
 - GRID LINE (30' INTERVAL)

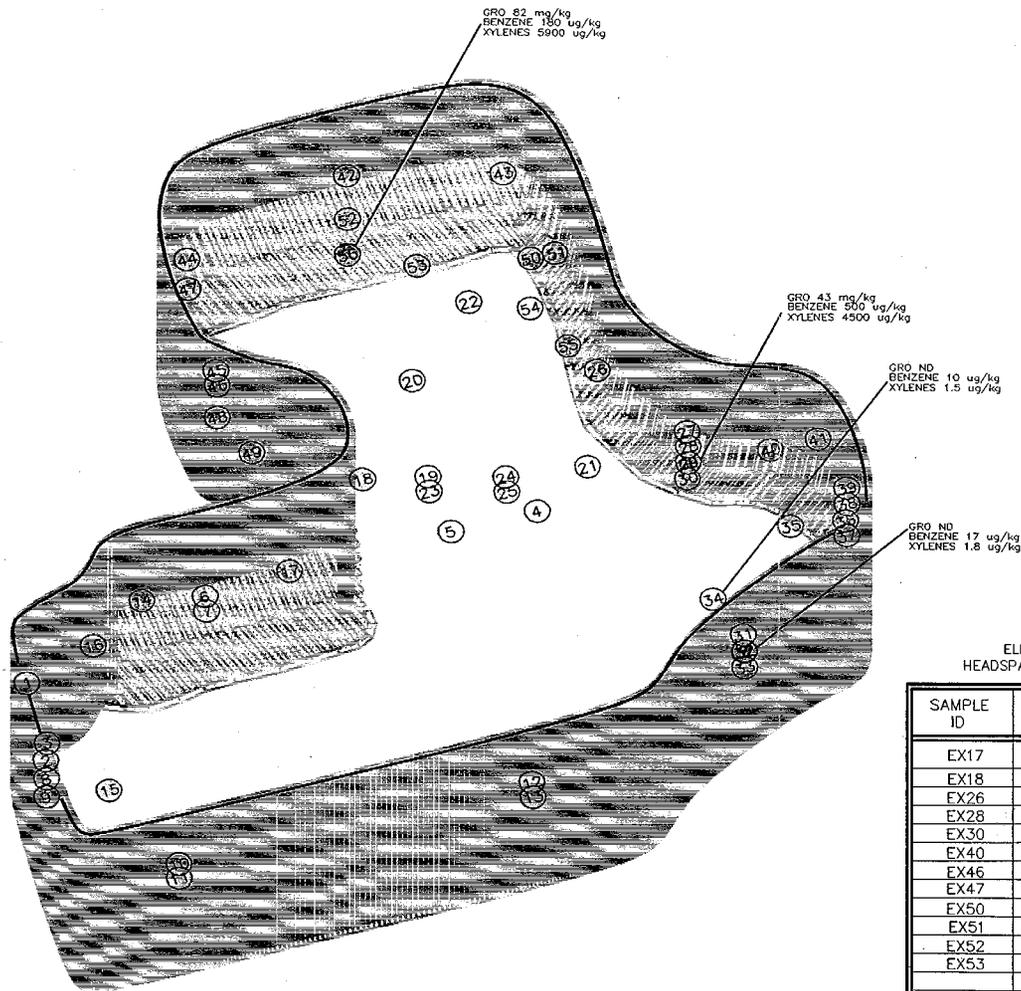
FIGURE 2
SITE DETAIL MAP

APPLETON POLICE DEPARTMENT
222 S. WALNUT STREET
APPLETON, WISCONSIN 54911

OMNI ASSOCIATES

PROJECT : N1000A94
CAD FILE: N1000B2.DWG
DRAWN : DLD
DATE : 6/20/95
LEVEL: 4

303 SOUTH BLUEMOUND DRIVE APPLETON, WI 54914
PHONE : (414) 739-7814 FAX : (414) 739-7765



ELEVATED
HEADSPACE ANALYSIS

SAMPLE ID	DEPTH (ft.)	PID (ppm)
EX17	9	100.7
EX18	9	1206.3
EX26	11	8411.5
EX28	9	7480
EX30	13	2489.3
EX40	10	3985
EX46	10	1500
EX47	13	1040
EX50	13	1326
EX51	13	1370
EX52	13	1040
EX53	17	886

LEGEND:

- ④ SOIL SAMPLE LOCATION
- ⊙ SOIL SAMPLE SENT TO LAB WITH DETECTION ABOVE SOIL STANDARDS
- ⊖ SOIL SAMPLE SENT TO LAB WITH DETECTION BELOW SOIL STANDARDS
- ⊕ SOIL SAMPLE WITH HIGH HEADSPACE READING

SOIL SAMPLES COLLECTED FROM
NOVEMBER 29 TO DECEMBER 1, 1994.

Stewart

FIGURE 4
SOIL SAMPLE LOCATION MAP

APPLETON POLICE DEPARTMENT
222 S. WALNUT STREET
APPLETON, WISCONSIN 54911

OMNI
ASSOCIATES

PROJECT : N1000B
CAD FILE: N1000B6.DWG
DRAWN : DLD
DATE : 12/29/94
LEVEL : 4

303 SOUTH BLUEMOUND DRIVE APPLETON, WI 54914
PHONE : (414) 739-7814 FAX : (414) 739-7765

**Appleton Police Dept -
03-45-001709**

Legend

- Parcel Lines
- Parcel Polygons
- Display Parcel Lines
- Monuments
- Tribal Status
- Plat Boundary Lines
- Property Address
- PLSS Sections
- Highway Labels
- Streets
- Airports
- County Boundaries
- Wisconsin Water
- Water
- Fox River
- Fox River Buffer
- Outagamie Water
- Municipality Boundary
 - Outagamie County, City
 - Outagamie County, Town
 - Outagamie County, Village
- 2014 Orthophotography
 - Red: Band_1
 - Green: Band_2
 - Blue: Band_3

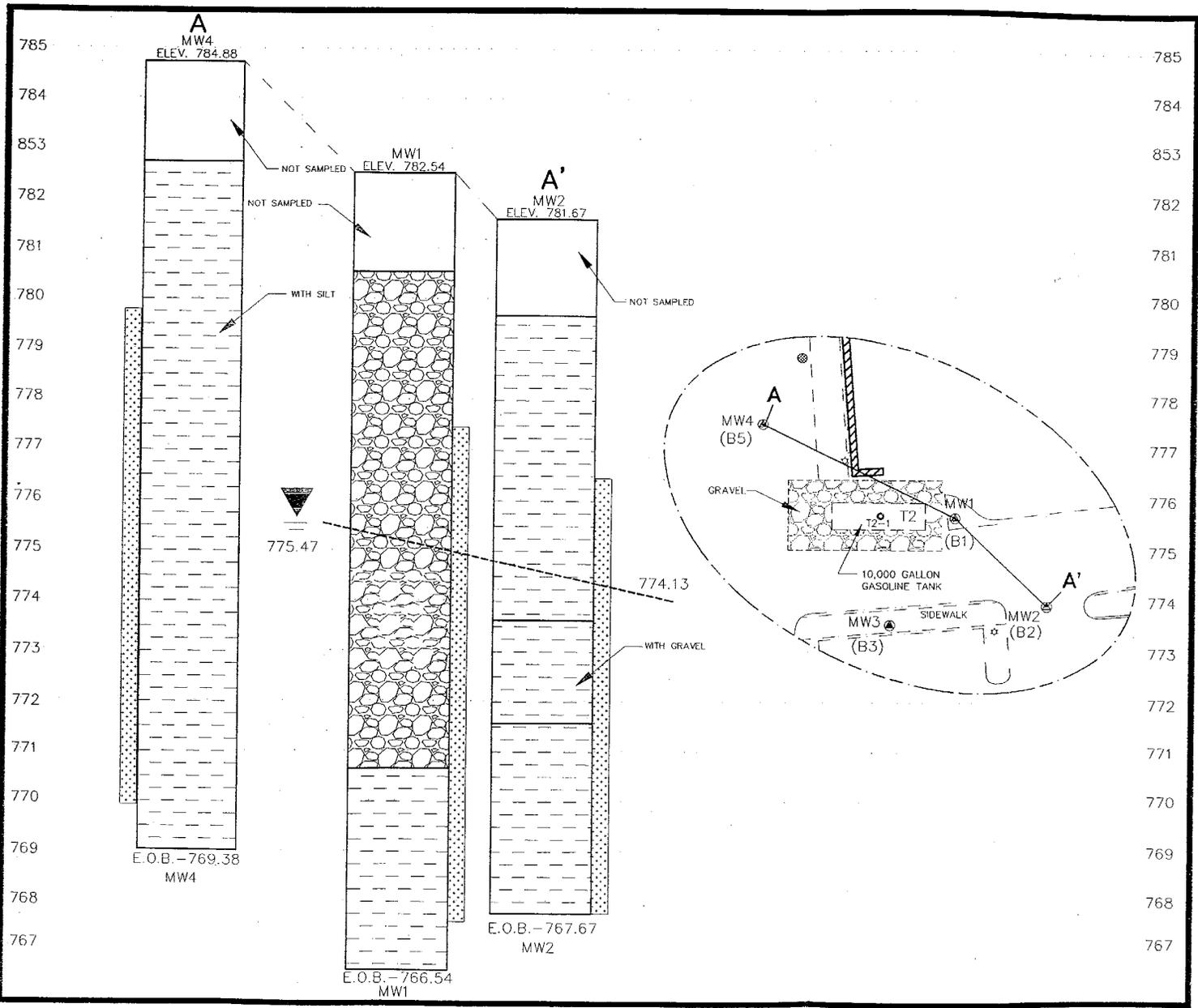


DISCLAIMER: This map is not guaranteed to be accurate, correct, current, or complete and conclusions drawn are the responsibility of the user.

2015 Site Conditions - Impervious Cap

Author:
Tom Valstegen - WDRK
Date Printed:
12/18/15 3:57 PM
Sources:





2 FT.
SCALE 1" = 2'
30 FT.
SCALE 1" = 30'

LEGEND:

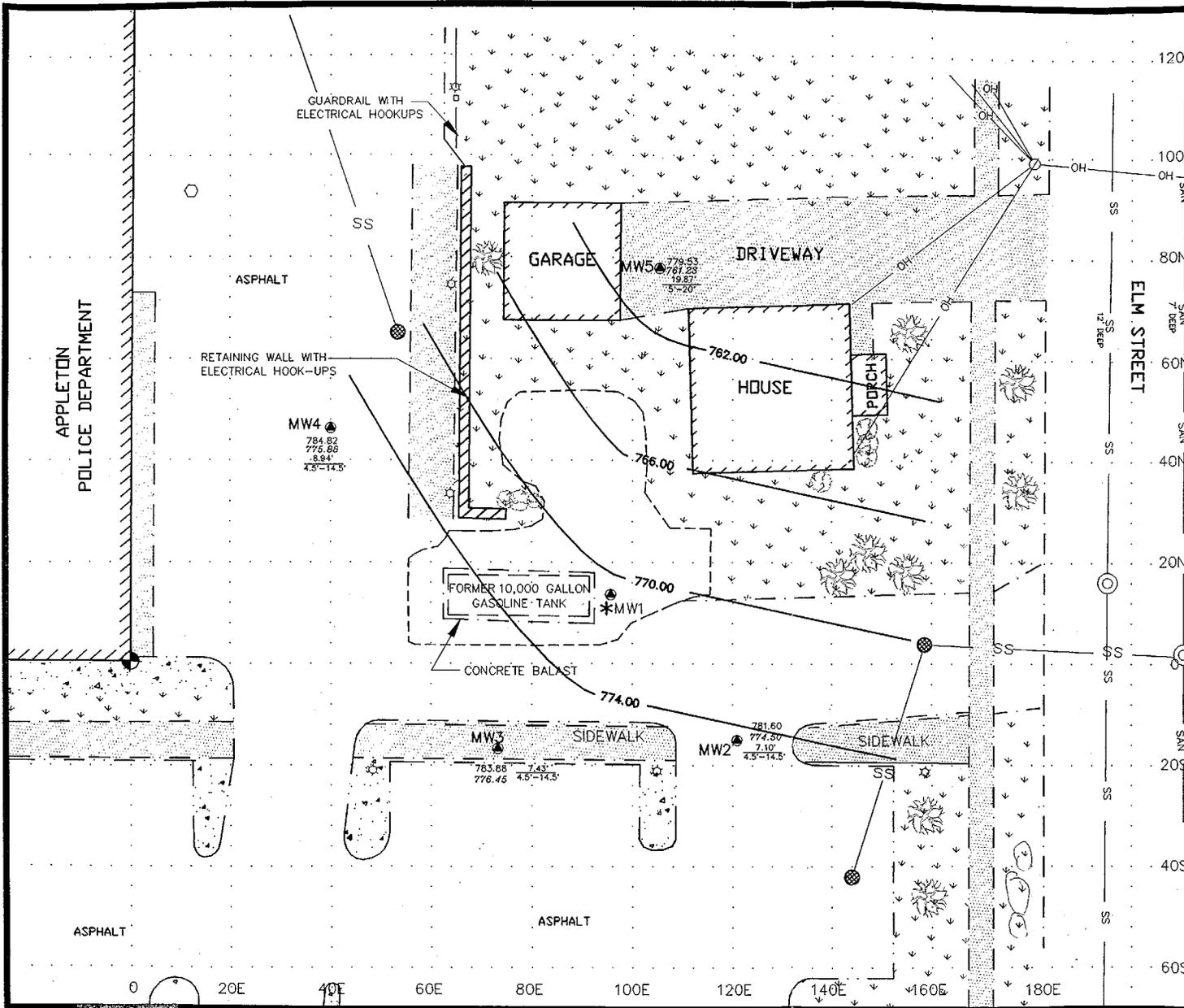
- RED CLAY
- GRAVEL AND SAND FILL
- SURFACE ELEVATION LINE
- SCREENED INTERVAL
- WATER TABLE

FIGURE 4
DIAGRAMMATIC CROSS-SECTION
OF STRATIGRAPHY FROM A TO A'

APPLETON POLICE DEPARTMENT
 222 S. WALNUT STREET
 APPLETON, WISCONSIN 54911

OMNI ASSOCIATES	PROJECT : N1000B
	CAD FILE: N1000B4.DWG
	DRAWN : DLD
	REVIEWED :
DATE : 4/13/94	

303 SOUTH BLUEMOUND DRIVE APPLETON, WI 54914
 PHONE : (414) 739-7814 FAX : (414) 739-7765



0' 10' 20'
SCALE: 1" = 20'

LOCAL GRID NORTH

LEGEND:

- MW2 ● WELL LOCATION AND I.D. No.
- MW2 ● 781.60 SURFACE ELEVATION AT WELL
- MW2 ● 774.50 GROUNDWATER ELEVATION AT WELL
- 770.00- GROUNDWATER CONTOUR LINE
- 7.10' DEPTH TO WATER FROM SURFACE
- 4.5'-14.5' SCREENED INTERVAL (ft.)
- - - - - LIMIT OF EXCAVATION (11/29/94)
- - - - - FORMER TANK LOCATION
- - - - - EDGE OF ASPHALT
- - - - - EDGE OF CONCRETE
- /// BUILDING FACE
- GUARDRAIL WITH ELECTRICAL HOOK-UPS
- SS STORM SEWER
- SAN SANITARY SEWER
- OVERHEAD UTILITIES
- POWER POLE
- UNDERGROUND FUEL TANK INTAKE
- MANHOLE
- LIGHT POLE
- INLET
- 4' — STONE AREA
- 4' — GRASS AREA
- TREE
- SHRUBS
- REFERENCE POINT
- 20N' GRID LINE (20' INTERVAL)
- *MW1 WELL REMOVED (11/29/94)

FIGURE 5
GROUNDWATER ELEVATION CONTOUR MAP (8/28/95)

APPLETON POLICE DEPARTMENT
222 S. WALNUT STREET
APPLETON, WISCONSIN 54911

OMNI ASSOCIATES	PROJECT : N1000B
	CAD FILE: N1000B3.DWG
	DRAWN : DLD
	DATE : 8/28/95
	LEVEL: 4

ONE SYSTEMS DRIVE APPLETON, WISCONSIN 54914-1654
PHONE : (414) 735-6900 FAX : (414) 830-6100

TABLE 4
SUMMARY OF LABORATORY ANALYSIS
SOIL BORING SAMPLES

Page 1 of 2

PARAMETER	STANDARD	B1-5 (MW1)	B2-1 (MW2)	B3-6 (MW3)	B4-6	B5-6 (MW4)	GB1-11	GB2-14	GB2-20	GB3-8	
SAMPLE DATE	-	March 15, 1993					April 12, 1995				
GASOLINE RANGE ORGANICS (mg/kg)	250*	106	ND	ND	ND	ND	54	ND	ND	ND	
DIESEL RANGE ORGANICS (mg/kg)	250*	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LEAD (mg/kg)	50	ND	8.73	6.17	6.24	8.38	190	3500	30	5.9	
DETECTED VOCs / PVOCS (µg/kg)											
BENZENE	5.5	224	ND	ND	ND	ND	1700	ND	ND	ND	
ETHYLBENZENE	2900	274	ND	ND	ND	ND	700	ND	ND	ND	
NAPHTHALENE	-	NA	NA	NA	NA	NA	79000	ND	ND	ND	
TOLUENE	1500	560	ND	ND	ND	ND	2100	ND	ND	ND	
1,2,4-TRIMETHYLBENZENE	-	3550	ND	ND	ND	ND	1900	ND	ND	ND	
1,3,5-TRIMETHYLBENZENE	-	968	ND	ND	ND	ND	610	ND	ND	ND	
m,p-XYLENES	4100 (combined)	2380 (combined)	ND	ND	ND	ND	2200	ND	ND	ND	
o-XYLENE			ND	ND	ND	ND	870	ND	ND	ND	
DETECTED PAHs (µg/kg)											
ANTHRACENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	
BENZO (a) ANTHRACENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	
BENZO (a) PYRENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	
BENZO (b) FLUORANTHENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	
BENZO (ghi) PERYLENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	
BENZO (k) FLUORANTHENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	
CHRYSENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	
FLUORANTHENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	
NAPHTHALENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	
INDENO (1,2,3-cd) PYRENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PHENANTHRENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PYRENE	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	

ND = not detected above the practical quantitative limit

NA = not analyzed

■ = sample concentrations detected above the DNR standard

* A permeability test was not run on these samples. The standard for less permeable soils has been used because these samples are clayey soils.

TABLE 4
 SUMMARY OF LABORATORY ANALYSIS
 SOIL BORING SAMPLES

Page 2 of 2

PARAMETER	STANDARD	GB3-15	GB4-7	GB4-15	GB5-7	GB5-13	GB6-7	GB7-8	GB8-10	
SAMPLE DATE	-	April 12, 1995					May 31, 1995			
GASOLINE RANGE ORGANICS (mg/kg)	250*	ND	ND	ND	ND	ND	ND	NA	ND	
DIESEL RANGE ORGANICS (mg/kg)	250*	NA	NA	NA	NA	NA	1400	130	NA	
LEAD (mg/kg)	50	35	NA	1600	230	120	890	24	40	
DETECTED VOCs / PVOcs (µg/kg)										
BENZENE	5.5	ND	ND	ND	ND	ND	ND	ND	ND	
ETHYLBENZENE	2900	ND	ND	ND	ND	ND	ND	ND	ND	
NAPHTHALENE	-	ND	ND	ND	ND	ND	2500‡	1400‡	ND	
TOLUENE	1500	ND	ND	ND	ND	ND	87	42	ND	
1,2,4-TRIMETHYLBENZENE	-	ND	ND	ND	ND	ND	62	98	ND	
1,3,5-TRIMETHYLBENZENE	-	ND	ND	ND	ND	ND	ND	68	ND	
m,p-XYLENES	4100 (combined)	ND	ND	ND	ND	ND	110	56	ND	
o-XYLENE		ND	ND	ND	ND	ND	67	33	ND	
DETECTED PAHs (µg/kg)										
ANTHRACENE	-	NA	NA	NA	NA	NA	30	14	NA	
BENZO (a) ANTHRACENE	-	NA	NA	NA	NA	NA	140	69	NA	
BENZO (a) PYRENE	-	NA	NA	NA	NA	NA	120	51	NA	
BENZO (b) FLUORANTHENE	-	NA	NA	NA	NA	NA	100	68	NA	
BENZO (ghi) PERYLENE	-	NA	NA	NA	NA	NA	210	ND	NA	
BENZO (k) FLUORANTHENE	-	NA	NA	NA	NA	NA	230	32	NA	
CHRYSENE	-	NA	NA	NA	NA	NA	510	95	NA	
FLUORANTHENE	-	NA	NA	NA	NA	NA	200	150	NA	
NAPHTHALENE	-	NA	NA	NA	NA	NA	ND‡	ND‡	NA	
INDENO (1,2,3-cd) PYRENE	-	NA	NA	NA	NA	NA	200	ND	NA	
PHENANTHRENE	-	NA	NA	NA	NA	NA	150	86	NA	
PYRENE	-	NA	NA	NA	NA	NA	210	140	NA	

ND = not detected above the practical quantitative limit
 NA = not analyzed

■ = sample concentrations detected above the DNR standard

* A permeability test was not run on these samples. The standard for less permeable soils has been used because these samples are clayey soils.

‡ The naphthalene results from PID method 8020 did not match the results from the PAH method. The reported detections could not be confirmed. The PAH naphthalene results should be used.

TABLE 1
SUMMARY OF FIELD HEADSPACE ANALYSIS
SOIL OVEREXCAVATION SAMPLES

PAGE 1 OF 2

SAMPLE DATE	SAMPLE ID	DEPTH (ft)	SAMPLE LOCATION	PID (ppm*)	SOIL CHARACTERISTICS
November 29, 1994	EX1	7	West side wall	0.0	Red-brown silty clay.
	EX2	7	West side wall	0.0	Red-brown silty clay.
	EX3	5.5	West side wall	0.0	Red-brown silty clay.
	EX4	8.5	⌘ North side wall	3503	Red-brown silty clay. Strong gasoline odor.
	EX5	8.5	⌘ North side wall	2845.67	Red-brown silty clay. Strong gasoline odor.
	EX6	9	North side wall	8.8	Red-brown silty clay. Faint odor.
	EX7	11	North side wall	18.3	Red-brown silty clay. No odor.
	⌘ EX8	9	West side wall	5.3	Red-brown silty clay. No odor.
	EX9	12	West side wall	3.8	Red-brown silty clay. No odor.
	⌘ EX10	9	South side wall	4.1	Red-brown silty clay. No odor.
	EX11	11	South side wall	4.6	Red-brown silty clay. No odor.
	⌘ EX12	9	South side wall	1.0	Red-brown silty clay. No odor.
	EX13	11	South side wall	1.6	Red-brown silty clay. No odor.
November 30, 1994	⌘ EX14	9	North side wall	0.0	Red-brown silty clay. No odor.
	⌘ EX15	13.5	West side wall	0.0	Red-brown silty clay. No odor.
	EX16	9	West side wall	0.9	Red-brown silty clay. No odor.
	EX17	9	North side wall	100.7	Red-brown silty clay. Faint gasoline odor.
	EX18	9	West side wall	1206.3	Red-brown silty clay. Gasoline odor.
	EX19	11.5	⌘ West side wall	1809.7	Brown silty clay. Strong gasoline odor.
	EX20	10	West side wall	10.0	Red-brown silty clay. Very faint odor.
	EX21	9	⌘ North side wall	9341.6	Brown silty clay. Strong gasoline odor.
	EX22	12	⌘ North side wall	9975.0	Brown silty clay. Strong gasoline odor.
	EX23	12.5	⌘ North side wall	9216.7	Brown silty clay. Strong gasoline odor.
	EX24	14	⌘ Bottom	927.8	Brown silty clay. Mild gasoline odor.
	⌘ EX25	15.5	Bottom	0.0	Red-brown silty clay. No odor.
	EX26	11	East side wall	8411.5	Brown silty clay. Strong gasoline odor.
	EX27	8	East side wall	0.0	Red-brown silty clay. No odor.
	EX28	9	East side wall	7480	Brown silty clay. Mild gasoline odor.
	⌘ EX29	11	East side wall	9422.6	Brown silty clay. Strong gasoline odor.
	EX30	13	East side wall	2489.3	Brown silty clay. Strong gasoline odor.
	EX31	8	South side wall	0.0	Red-brown silty clay. No odor.
	⌘ EX32	10	South side wall	0.0	Red-brown silty clay. No odor.
	EX33	12	South side wall	0.0	Red-brown silty clay. No odor.
	⌘ EX34	15	Bottom	0.0	Red-brown silty clay. No odor.
EX35	11	⌘ East side wall	4716	Brown silty clay. Strong gasoline odor.	

* = isobutylene equivalents
 ⌘ = samples sent to Robert E. Lee for laboratory analysis
 ⌘ = material removed

TABLE 1
 SUMMARY OF FIELD HEADSPACE ANALYSIS
 SOIL OVEREXCAVATION SAMPLES

PAGE 2 OF 2

SAMPLE DATE	SAMPLE ID	DEPTH (ft)	SAMPLE LOCATION	PID (ppm*)	SOIL CHARACTERISTICS
November 30, 1994	EX36	11	East side wall	0.0	Red-brown silty clay. No odor.
	EX37	13	East side wall	0.0	Red-brown silty clay. No odor.
	EX38	9	East side wall	0.0	Red-brown silty clay. No odor.
	EX39	8	East side wall	0.0	Red-brown silty clay. No odor.
	EX40	10	North side wall	3985	Brown silty clay. Strong gasoline odor.
	EX41	10	North side wall	0.0	Red-brown silty clay. No odor.
December 1, 1994	EX42	7	North side wall	0.0	Red-brown silty clay with gravel. No odor.
	EX43	9	East side wall	0.0	Red-brown silty clay. No odor.
	EX44	9	West side wall	0.0	Red-brown silty clay. No odor.
	EX45	9	West side wall	2.0	Red-brown silty clay. Slight odor.
	EX46	10	West side wall	1500	Red-brown silty clay. Slight odor.
	EX47	13	West side wall	1040	Red-brown silty clay. Strong odor.
	EX48	15	West side wall	12.0	Red-brown silty clay. Slight odor.
	EX49	15.5	West side wall	10.0	Red-brown silty clay. Slight odor.
	EX50	13	Bottom	1326	Red-brown silty clay. Strong odor.
	EX51	13	East side wall	1370	Red-brown silty clay. Slight odor.
	EX52	13	North side wall	1040	Red-brown silty clay. Slight odor.
	EX53	17	Bottom	886	Red-brown silty clay. Slight odor.
	EX54	20	Bottom	19.0	Red-brown silty clay. Slight odor.
	EX55	22	Bottom	1.5	Red-brown silty clay. No odor.
EX56	18	Bottom	280	Red-brown silty clay. No odor.	

* = isobutylene equivalents
 P = samples sent to Robert E. Lee for laboratory analysis
 A = material removed