GIS REGISTRY
Cover Sheet

March, 2010
(RR 5367)

Source Property Information

CLOSURE DATE: Oct 11, 2011

BRRTS #: **06-05-554262**

FID #: 405018790

ACTIVITY NAME: Allouez Village Hall (FRMR)(VPLE)

DATCP #:

PROPERTY ADDRESS: 1649 S Webster Ave

COMM #: 54301249949C

MUNICIPALITY: Village of Allouez

PARCEL ID #: AL-44-1

***WTM COORDINATES:**

X: **677622** Y: **448135**

** 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" form)*

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

- ☐ Contamination in ROW
- ☐ Off-Source Contamination

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

Land Use Controls:

☒ N/A (*Not Applicable*)

☐ Soil: maintain industrial zoning *(220)*

(***note:*** *soil contamination concentrations between non-industrial 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 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*

GIS Registry Checklist

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 #: 06-05-554262 PARCEL ID #: AL-44-1

ACTIVITY NAME: Allouez Village Hall (FRMR)(VPLE) WTM COORDINATES: X: 677622 Y: 448135

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

- [x] **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**
- [x] **Certificate of Completion (COC)** (for VPLE sites)

SOURCE LEGAL DOCUMENTS

- [x] **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.

- [x] **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 & Topographic Map**
- [x] **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, 2 **Title: Monitoring Location Diagram, Site Diagram**
- [x] **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 #: 3, 4 **Title: Soil Xylene Concentrations, Soil Lead Concentrations**

BRRTS #: 06-05-554262 ACTIVITY NAME: Allouez Village Hall (FRMR)(VPLE)

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 #: 6,7 **Title: Dissolved Benzene Concentrations, Dissolved Arsenic & Selenium Concentrations**

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

Figure #: 5 **Title: Groundwater Elevations 12/07/09**

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 #: 5,1 **Title: Test Pits Results, Soil 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 #: 3 **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 #: 2 **Title: Groundwater Field Data**

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 #: 06-05-554262 ACTIVITY NAME: Allouez Village Hall (FRMR)(VPLE)

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.*

☐ **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

Scott Walker, Governor
Cathy Stepp, Secretary

Oshkosh Service Center
625 East County Road Y
Suite 700
Oshkosh, Wisconsin 54901-9731
FAX 920-424-4404

October 11, 2011

Tracy Flucke, Administrator
Village of Allouez
1900 Libal Street
Green Bay, WI 54302

SUBJECT: Certificate of Completion for the Property Owned by the Village of Allouez
Former Village Hall and Former Apartment Building
1649 S. Webster Avenue, Allouez, Wisconsin
WDNR BRRTS ID #06-05-554262 and 06-05-554263

Dear Ms. Flucke:

The Department of Natural Resources ("the Department") has received your request to issue C*ertificates of Completion* for the two properties owned by the Village of Allouez, located in the 1600 block of South Webster Avenue, which housed the former Village Hall and a former apartment building and herein referred to as "the Properties". Please see the attached Figure for an overview of the Properties. You have requested that the Department determine whether the Village of Allouez has met the requirements under s. 292.15(2), Wis. Stats., for issuance of a *Certificate of Completion*.

The former Allouez Village Hall property at 1649 South Webster Avenue had two underground storage tank activities (03-05-544645 [diesel] and 02-05-117912 [engine oil]) that were remediated and it also contained an historic landfill. It is described as Parcel AL-44-1, PC 12E, in Volume/Page 692-R-2360 and is approximately 0.965 acres in size.

The former apartment building property formerly located at 1651 South Webster Avenue also housed a portion of the Allouez Village Hall. It had one gasoline underground storage tank activity (03-05-544663) and one gasoline spill activity (04-05-043795) and is described as Parcel AL-44, PC 12E, Volume/Page 1063-R-519 and is approximately 0.697 acres in size.

Determination

As you are aware, s. 292.15, Wis. Stats., authorizes the Department to issue a *Certificate of Completion* to a voluntary party that conducts an approved environmental

investigation of a property and restores the environment to the extent practicable and minimizes the harmful effects with respect to hazardous substance discharges on or originating from the property. Based on the information received by the Department, the Department has determined that the investigation and restoration (to the extent practicable) of the Properties is complete and that all the conditions in s. 292.15(2), Wis. Stats., have been met. Attached are the *Certificates of Completion* for these two Properties.

Conclusions

The Department appreciates the work undertaken by the Village of Allouez, to investigate and restore to the extent practicable the contamination associated with the Properties. The exemption provided by the *Certificate of Completion* applies to any successor or assignee of the Village of Allouez, if the successor or assignee complies with the appropriate conditions, pursuant to s. 292.15(3), Wis. Adm. Code. If you have any questions or concerns regarding this letter or the *Certificates of Completion*, please contact the Project Manager Alan Nass at 920-662-5161.

Sincerely,

Annette Weissbach

Annette Weissbach Land Recycling Coordinator
Northeast Region
Remediation & Redevelopment Program

Attachment: Figure 1 former Allouez Village Hall Site Map
Certificates of Completion

e-cc: Michael Prager – RR/5
Alan Nass – NER
Bob Mottl – AECOM

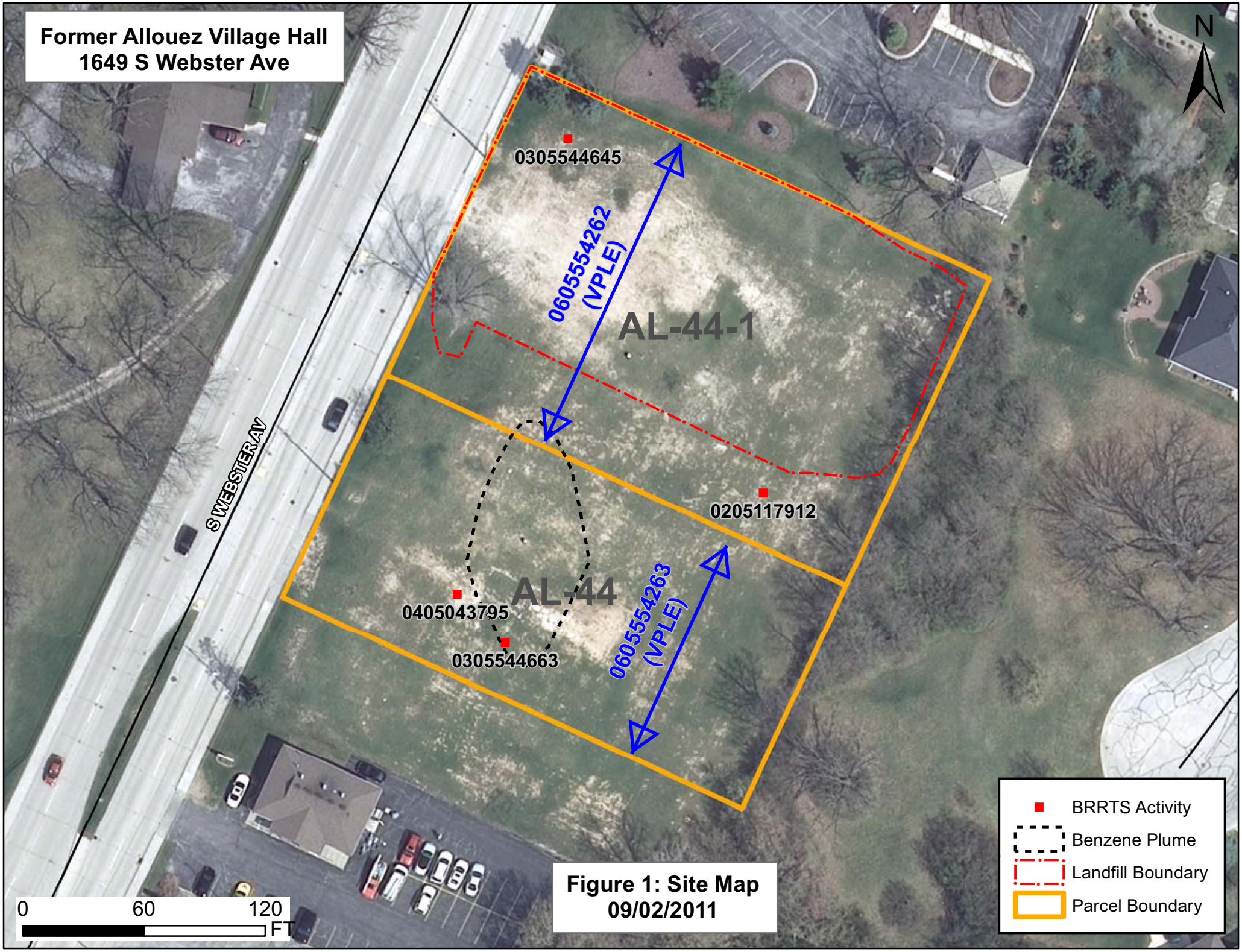


Figure 1: Site Map
09/02/2011

State of Wisconsin
Department of Natural Resources

CERTIFICATE OF COMPLETION OF RESPONSE ACTIONS UNDER SECTION 292.15(2)(ae), WIS. STATS.

Whereas, The **Village of Allouez** has applied for an exemption from liability under s. 292.15, Wis. Stats., for the property located at 1649 S. Webster Avenue, village of Allouez, Wisconsin, which is commonly referred to as the **Former Village Hall (Parcel #AL-44-1)**, further described in the legal description found on Attachment A (the "Property");

Whereas, an environmental investigation of the Property has been conducted and the Wisconsin Department of Natural Resources ("WDNR") has determined that environmental contamination exists at the Property;

Whereas, the **Village of Allouez** has submitted to the WDNR and the Wisconsin Department of Commerce (now known as the Department of Safety and Professional Services [DSPS]) certain investigation reports and a remedial action plan for the Property which comply with the requirements set forth in chs. NR 700-754, Wis. Adm. Code, consisting of the documents and reports listed in Attachment B;

Whereas, in accordance with s. 292.15(2)(ae)1, Wis. Stats., the WDNR has determined that an environmental investigation has been conducted which adequately identified and evaluated the nature and extent of the hazardous substance discharges on the Property. The WDNR approved of the most recent site investigation on September 12, 2011;

Whereas, the WDNR has determined that the historic fill material brought onto or existing at the Property in the past does not qualify as exempt under s. NR 500.08, Wis. Adm. Code. If anyone proposes to do any future construction work on the Property, that person would also have to obtain approval for that work from the WDNR under s. NR 506.085, Wis. Adm. Code, prior to initiating any construction on the Property;

Whereas, the Property contains soil contamination that exceeds site-specific and/or generic residual contaminant levels ("RCLs") under ch. NR 720, Wis. Adm. Code, and groundwater contamination that exceeds a groundwater quality enforcement standard under ch. NR 140, Wis. Adm. Code. Therefore, the Property will be included on the WDNR's Geographical Information System data base ("the GIS Registry") pursuant to s. 292.12(3), Wis. Stats. the **Village of Allouez** has submitted to the WDNR all the information necessary to be included on the GIS Registry, pursuant to Wis. Adm. Code;

Whereas, on April 4, 2008 and August 2, 1997, the Wisconsin Department of Commerce (now known as the Department of Safety and Professional Services [DSPS]) issued two case closure letters for the Property (Attachment C). The owner of this Property shall adhere to, abide by, and maintain the continuing obligations and other requirements that are specified herein and in the attached state case closure letters.

The April 2008 Closure Letter, requires that if residual contamination is encountered at the locations of the former underground storage tanks, it must be managed in accordance will all applicable state and federal regulations. In addition, the overlying soil covering the historic fill at the property should remain in place to prevent direct contact with the underlying lead contaminated soil. Activities such as removal of the existing barrier, excavating or grading are prohibited on any portion of the Property where soil cover is in place over historic fill, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources. Also, if fill or soil is to be excavated from the historic fill area, it must be managed in accordance with all applicable state and federal regulations. Any kind of construction or development on the historic fill area will require an exemption to the requirements of s. NR 506.085 Wis. Adm. Code.

In addition, residual soil and groundwater contamination from petroleum in the 1000 Gallon UST on adjacent former Apartment Building Site has migrated onto the property. It is at levels that may be of concern for vapor intrusion in the future, depending on construction and occupancy of a building. There were no buildings or structures on the Property at the time this Certificate was written. Therefore, before a building is constructed, the property owner must notify the DNR and assess whether the closure conditions are still protective or whether building control technologies are warranted. In addition, depending on site-specific conditions, construction over contaminated materials may result in vapor migration of contaminants into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and means of mitigation must be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.;

Whereas, residual contamination remains at the Property and the approval of the response action is based on a non-industrial land (e.g, Residential) use classification, per ch. NR 720, Wis. Adm. Code. This would allow for industrial or non-industrial use of the Property, consistent with the limitations specified in the document. As a result, the response action would not need to be re-evaluated to determine if it is protective based on future land uses;

Whereas, if the requirements of this Certificate and the case closure letters are not followed, the WDNR may take actions under ss. 292.11 or 292.12, Wis. Stats., to ensure compliance with the specified requirements, and the person who owns or controls the Property may no longer qualify for the liability protections under s. 292.15, Wis. Stats.;

Whereas, the **Village of Allouez** has paid to WDNR the appropriate insurance fee and has submitted a complete insurance application form to obtain coverage for the Property under the state's master insurance contract in accordance with s. 292.15(2)(ae)3m., Wis. Stats., and ch. NR 754, Wis. Adm. Code. The fee was paid primarily for the adjoining property (AL-44) also owned by the Village of Allouez however a small portion of the contaminated groundwater plume also extends onto this Property. The Village paid the insurance fee based on their desire to use natural attenuation to remediate groundwater contamination that exceeds ch. NR 140, Wis. Adm. Code, groundwater quality enforcement standards;

Whereas, on September 12, 2011, the WDNR determined that response actions necessary to restore the environment were completed, except with respect to groundwater contaminated with benzene, ethylbenzene trimethylbenzene, xylene, toluene, and naphthalene above the ch. NR 140, Wis. Adm. Code, groundwater quality enforcement standards. The WDNR has determined that this groundwater contamination will be brought into compliance through natural attenuation, in accordance with administrative rules promulgated by the WDNR.

Therefore, based upon the information that has been submitted, the WDNR hereby certifies that the response actions set forth in the approved remedial action plans for the Property and any other necessary response actions have been completed, except with respect to the volatile organic compounds listed above that have contaminated groundwater above ch. NR 140, Wis. Adm. Code, enforcement standards that WDNR has determined will be brought into compliance through natural attenuation, in accordance with rules promulgated by WDNR.

Upon issuance of this Certificate, the **Village of Allouez** and the persons qualified for protection under s. 292.15(3), Wis. Stats., are exempt from the provisions of ss. 289.05(1), (2), (3) and (4), 289.42(1), 289.67, 291.25(1) to (5), 291.29, 291.37,

292.11(3), (4), and (7)(b) and (c) and 292.31(8), Wis. Stats., with respect to the existence of hazardous substances on or originating from the Property, the release of which occurred prior to September 12, 2011, the date the WDNR approved the environmental investigation required under s. 292.15(2)(ae)1., Wis. Stats. However, the person who owns or controls the Property would no longer qualify for this liability exemption if that person fails to maintain or monitor the Property as required by the conditions in this Certificate, the April 4, 2008 and August 2, 1997 case closure letter, s. 292.12, Wis. Stats., and administrative rules promulgated by the WDNR. Any discharges of a hazardous substance to or from the Property that occur after the date that the environmental investigation was approved will be the responsibility of the current Property owner and any other person who possesses or controls that discharge and any person who caused the discharge.

If natural attenuation of contaminated groundwater fails, the insurance coverage under s. 292.15(2)(ae)3m., Wis. Stats., may be used by the state to cover the costs of complying with s. 292.11(2), Wis. Stats., with respect to groundwater quality.

The protection from liability provided under s. 292.15(2), Wis. Stats., does not apply to any person who has obtained a Certificate of Completion by fraud or misrepresentation, or by knowingly failing to disclose material information or under circumstances in which the **Village of Allouez** knew or should have known about more discharges of hazardous substances than was revealed by the investigation approved by the WDNR.

Nothing in this Certificate or in s. 292.15, Wis. Stats., affects the authority of the WDNR to exercise any powers or duties under applicable laws other than ss. 289.05(1), (2), (3) and (4), 289.42(1), 289.67, 291.25(1) to (5), 291.29, 291.37, 292.11(3), (4), and (7)(b) and (c) and 292.31(8), Wis. Stats., with respect to any release or threatened release of contaminants at the Property, or the right of the WDNR to seek relief available against any person who is not entitled to protection from liability under s. 292.15, Wis. Stats., with respect to such release or threatened release.

SIGNED AND CERTIFIED this 26th day of September, 2011.

Mark F. Giesfeldt, Director
Bureau for Remediation and Redevelopment
Wisconsin Department of Natural Resources

ATTACHMENT A
LEGAL DESCRIPTION
Village of Allouez Former Village Hall
Parcel AL-44-1

See attached Warranty Deed Doc number 628070, Volume 693, Page 236, recorded on April 15, 1965, Town of Allouez, Brown County

No. 8-8. Warranty Deed—Short Form (Sec. 235.19, Wis. Statutes)

(STATE OF WISCONSIN) Form No. 1

Northwest Office Supply Co., Inc., Green Bay, Wis

628070

VOL 692 PAGE 236

This Indenture, *Made by* OTTO KNUTH, a single man,

grantor , *of* Brown *County, Wisconsin, hereby conveys and warrants to* TOWN OF ALLOUEZ, Brown County, Wisconsin,

grantee , *of* Brown *County, Wisconsin, for the sum of* One Dollar ($1.00) and other good and valuable considerations, *the following tract of land in* Brown *County, State of Wisconsin:*

Part of Private Claim No. 12, East side of Fox River, Town of Allouez, Brown County, Wisconsin, described as follows:

Commencing where the East line of South Webster Avenue intersects the South line of said Private Claim No. 12; thence N 26° 16' 30" E along the East line of said Street 181.47 feet to the point of beginning;

Thence continuing N 26° 16' 30" E along the East line of said street 168.53 feet; thence S 64° 00' E 250 feet parallel to the said South line of Private Claim No. 12' thence S 26° 16' 30" W parallel to the East line of said street 167.88 feet; thence N 64° 09' W 250 feet on a line which is an extension of the Northerly line of a building owned and used by the Knuth Wilbert Vault Works Incorporated to the point of beginning.

REGISTER'S OFFICE
Brown County., Wis.
Received for record the 15th day of April A. D. 19 65 at 1:38 o'clock P.M. and recorded in Vol. 692 of Records on page 236.
Harold P. Lody
Register of Deeds

In Witness Whereof, *the said grantor has hereunto set* his *hand and seal this* 15th *day of* April *, A. D., 19* 65 .

Signed and Sealed in Presence of

E. D. Kranzush
E. D. Kranzush

C. E. Kuehn
C. E. Kuehn

Otto Knuth (SEAL)
Otto Knuth

(SEAL)

(SEAL)

(SEAL)

State of Wisconsin,
Brown *County.* } ss.

Personally came before me, this 15th *day of* April *, A. D., 19* 65 . *the above named* Otto Knuth, a single man,

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

E. D. Kranzush
E. D. Kranzush
Notary Public, Brown *County, Wis.*
My commission expires ---------- *A. D., 19* . is permanent.

Drafted by E. D. Kranzush, Attorney-at-law

TH 8.—Ch. 59 Wis. Stat. provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary

ATTACHMENT B
INVESTIGATION AND REMEDIAL ACTION PLAN REPORTS
Village of Allouez – Former Village Hall

Reports from McMahon Engineers/Architects, Neenah, Wisconsin

Phase I Environmental Site Assessment, dated September 21, 2005 for Village of Allouez, Brown County, Wisconsin, 1649 & 1677 South Webster Avenue, Green Bay, Wisconsin

Site Investigation of Historic Fill Site Report, dated January 7, 2009 for the Village of Allouez, Brown County, Wisconsin, Former Village Hall Property (Site 3), 1649 South Webster Avenue, Village of Allouez, Brown County, Wisconsin

Application for Brown County Brownfields Assessment Grants for Hazardous Substances and Petroleum Products, dated May 14, 2009 for Mr. Aaron Schuette, Brown County Planning Commission Former Village Hall Property, 1649 South Webster Avenue, Village of Allouez, Brown County, Wisconsin

Reports from AECOM, Inc., Green Bay, Wisconsin

Sampling and Analysis Plan for Phase II Environmental Site Assessment, dated September, 2009 on behalf of the Brown County Planning Commission (BCPC)
Former Village Hall Property, 1649 South Webster Avenue, Village of Allouez, Brown County, Wisconsin

Additional Information for Voluntary Party Liability Exemption Application, dated November 4, 2009 on behalf of the Village of Allouez and Brown County Planning Commission
Former Village Hall Property, 1649 South Webster Avenue (Parcels AL-44-1), Village of Allouez, Brown County, Wisconsin

Phase II Environmental Site Assessment Results, dated December 16, 2009, on behalf of the Brown County Planning Commission (BCPC)
Former Village Hall Property, 1649 South Webster Avenue, Village of Allouez, Brown County, Wisconsin

Final Documentation for Voluntary Party Liability Exemption Certificate of Completion, dated December 3, 2010, on behalf of the Village of Allouez and Brown County Planning Commission
Former Village Hall Property, 1649 South Webster Avenue (Parcels AL-44 and AL-44-1), Village of Allouez, Brown County, Wisconsin – WDNR BRRTS Nos. 06-05-554262 and 06-05-554263

ATTACHMENT C
Closure Letters
Village of Allouez – Former Village Hall

See Attached April 4, 2008, August 2, 1997 Case Closure Letters, and July 29, 1991 Tank Assessment Report for the Former Village Hall site.

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2129 Jackson Street
Oshkosh, Wisconsin 54901-1805
TDD #: (608) 264-8777
Fax #: (920) 424-0217
Jim Doyle, Governor
Jack L. Fischer, A.I.A., Secretary

April 4, 2008

Ms. Susan Foxworthy
Village of Allouez
1900 Libel Street
Green Bay, WI 54301-2453

RE: **Final Closure**

Commerce # 54301-2499-49-C DNR BRRTS # 03-05-544645
Village of Allouez, 1649 S. Webster Ave., Green Bay

Ms. Foxworthy:

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

If residual contamination is encountered in the future, it must be managed in accordance with all applicable state and federal regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required.

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0046.

Sincerely,

Robert H. Klauk

Robert H. Klauk
Senior Hydrogeologist
Site Review Section

cc: Stuart A. Boerst - McMahon Associates

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
2129 Jackson Street
Oshkosh, Wisconsin 54901

Wisconsin
Department of Commerce

Tommy G. Thompson, Governor
William J. McCoshen, Secretary

RECEIVED
JUN 17 2011
WI DNR - GREEN BAY

August 28, 1997

Village of Allouez
Attn: Tom Meier
1649 S Webster Street
Green Bay WI 54301

Subject: Close-out of Allouez Village Hall Property Petroleum Contamination Site
1649 S Webster St., Green Bay, WI
COMMERCE #54301-2499-49-A WDNR #02-05-117912

Dear Mr. Meier:

On August 28, 1997 the above site was reviewed for closure by the Site Review staff of the PECFA Bureau. Because the site involved only soil contamination, without a threat to groundwater, all issues relating to this site are administered by the staff within the Department of Commerce's PECFA Bureau. Your consultant, McMahon Associates, had recommended site closure. Upon reviewing all the data collected for this site, the Department considers this site to meet environmental standards, and no further action is necessary.

If, in the future, site conditions indicate that any contamination that might remain poses a threat, the need for further remediation would be determined and required if necessary. If subsequent information indicates a need to reopen this case, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility.

Thank you for your efforts in the protection of the environment. If you have any additional questions, please call me at 414-424-0046.

Sincerely,

Dee Zoellner
Hydrogeologist
Department of Commerce

cc: Case File
Mr. John Stoeger - McMahon Associates

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
Northeast Region Headquarters
2984 Shawano Avenue
Green Bay WI 54313-6727

Scott Walker, Governor
Cathy Stepp, Secretary
Jean Romback-Bartels, Acting Regional Dir.
Telephone 920-662-5100
FAX 920-662-5413
TTY Access via relay - 711

September 12, 2011

Tracy Flucke, Administrator
Village of Allouez
1900 Libal Street
Green Bay, WI 54302

Subject: Approval of Phase II ESA under the VPLE process
Former Village Hall, 1649 S. Webster Ave (BRRTS #06-05-554262) Parcel AL44-1
Former Apartment Bldg. 1649 S. Webster Ave (BRRTS #06-05-554263) Parcel AL-44
Village of Allouez, Wisconsin

Dear Ms. Flucke:

The above referenced properties were entered into the Voluntary Party Liability Exemption Process in January 2010. The parcels currently consist of vacant lots covered with grass and/or gravel. In order to be eligible for the liability exemption, contamination must be present and a thorough site investigation must be completed.

Summary

Per s. 292.15(2)1. Wis. Statutes, the Department approves of the environmental investigation of the properties identified above. This letter serves to summarize actions and information collected since November 2009 when additional investigative work was completed under the VPLE process. This letter will serve as the basis for issuance of the Certificates of Completion (COC) for properties AL-44 and AL-44-1.

On January 9, 2010, the Department of Natural Resources (Department) received a report titled ***Phase II Environmental Site Assessment Results – Former Village Hall Property*** prepared by Robert Mottl of AECOM on behalf of the Brown County Planning Commission. The environmental investigation of the properties was conducted in November 2009 and was completed under a 2008 Brown County – US EPA Brownfields Site Assessment Grant.

During a conference call on May 24, 2010, to discuss the contents of the Phase II Report, Al Nass, Department Project Manager for the two properties, verbally approved the environmental investigation.

In December 8, 2010, Robert Mottl of AECOM submitted to the Department a letter report title ***Submittal of Final documentation for Voluntary Party Liability Exemption Certificate of Completion … for Parcels AL-44 and AL-44-1.*** The final correspondence included abandonment forms for the monitoring wells and disposal documentation for two drums of exploration waste.

Background

Several environmental investigations and closures have been conducted on the properties. A spill was reported and an appropriate response action was taken in 1989. An underground storage tank was removed during a demolition of an apartment building on parcel AL-44 in the late 1990s. Between 2005 and 2008, contamination from several underground storage tanks was investigated and cleaned up under the oversight of the Wisconsin Department of Commerce, now known as the Department of Safety and Professional Services.

2009-2010 Phase II Environmental Site Assessment

Starting in January 2009, Alan Nass of the Department's Northeast Region Office worked with the Village, Brown County, and the US EPA, to utilize federal Site Assessment Brownfield funds to investigate an historical village landfill on the AL44-1 parcel. These federal funds were also used to further define environmental conditions on the two parcels in order to meet the requirement for conducting a thorough site investigation in the VPLE process.

In May 2009, the Brown County Planning commission authorized AECOM, a consulting firm based in Green Bay, Wisconsin to prepare a Sampling and Analysis Plan (SAP) using funding from US EPA Brownfields Site Assessment Grant awarded to Brown County. The SAP was submitted to US EPA and WDNR in September 2009 and in October 2009, the WDNR Project Manager, Alan Nass, provided conditional approval of the SAP and added additional requirements for soil and groundwater sampling under the auspices of the VPLE process.

Specifically, additional sampling for VPLE requirements included soil borings near the:

- former heating oil UST near the former house (SW corner of most southern lot). Analyses for VOCs, semi-VOCs, and metals
- north-northwest of GPW-12 and west of GPW-13. Analyses for Phase 2 analytes.
- northeast portion of the former garage (east of TP-12). Analyses for Phase 2 analytes.
- center, on the north side, and on the east side of the former salt storage shed. Analyses for chlorides and cyanide.

In general the analytical results of the Phase II revealed the following:

- Confirmed the presence of residual petroleum contamination in soil and groundwater in the vicinity of the former 1000 gallon underground storage tank (also known as Site 2).
- Delineated an area of historic fill to depths of 8-12 feet comprised of clay, sand, cinders, ash, asphalt, and occasional bricks.
- Lead is present in the fill soil in the area of the historic landfill
- Trace amounts of arsenic and selenium is present in groundwater at the properties possibly due to slightly acidic pH levels
- A low level detect of tetrachloroethylene (PCE) was found in one soil sample (MW10)
- A low level detect of Polychlorinated biphenyls (PCB) was found in one soil sample (B07)
- Neither PCE or PCB was detected in groundwater
- Due to residual groundwater contamination with enforcement standard exceedances and the reliance on natural attenuation, groundwater liability insurance will be necessary (as described below)

The table on the next page summarizes the known environmental conditions on the properties and the associated ***Continuing Obligations*** as identified in the Department's GIS registry. A map showing the property boundaries and locations of the Bureau for Remediation and Redevelopment Tracking System (BRRTS) sites is attached as Figure 1 – Site Map.

Parcel #	Closure	BRRTS #	Activity/Result
AL-44-1	4/4/2008	03-05-544645 (Site 1) Commerce Closed, GIS Registry	4000 G diesel UST, 10,000 G unleaded Gasoline UST, 41 tons of soil excavated, residual soil contamination remains in place Continuing obligation: If residual contamination is encountered in the future, it must be managed in accordance will all applicable state and federal regulations.
AL-44-1	8/2/1997	02-05-117912 Commerce closed	Engine oil AST, soil excavation, no groundwater encountered No continuing obligations
AL-44-1	7/29/1991	10-05-295614	Tank assessment report: "clean closure" No continuing obligations
AL-44-1	1930s~	Historic fill site	Lead is present at depths of 2-4 feet from the surface, at concentrations greater than 500 mg/kg Continuing obligation: the overlying soil should remain in place to prevent direct contact with the underlying lead in soil. If fill or soil is to be excavated it must be managed in accordance with all applicable state and federal regulations. Any kind of construction or development on the historic fill area will require an exemption to the requirements of s. NR 506.085 Wis. Adm. Code
AL-44	6/15/1989	04-05-043795	Historic spill: gasoline, overflow of tank while refueling No continuing obligation
AL-44	11/25/2008	03-05-544663 (Site 2) Commerce Closed, GIS Registry	1000 G gasoline UST discovered during apartment building demolition Residual soil contamination extent: 38 x 9 x 4 ½ -12 ft depth. Residual groundwater contamination extent: 62 x 90 x 12-22 ft depth Continuing obligation: If residual contamination is encountered in the future, it must be managed in accordance will all applicable state and federal regulations. Regarding potential vapor issues, depending on site-specific conditions, construction over contaminated materials may result in vapor migration of contaminants into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and means of mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

Environmental Insurance Fee

Because the Village of Allouez is relying on natural attenuation to restore groundwater quality from BRRTS site #03-05-544663 (Site 2), and the Village wants to receive a COC prior to achieving compliance with groundwater enforcement standards, the Village is required to pay an environmental insurance fee as required by s. 292.15(2)(ae)3m, Wis. Stats., and NR 754, Wis. Adm. Code. This insurance fee is in addition to the required

VPLE application and oversight fee. The state has entered into a master insurance policy to provide security for Wisconsin when issuing a COC for sites relying on natural attenuation. If the site needs to be re-opened due to the failure of natural attenuation, the insurance will cover certain state cleanup and investigation costs, if those are incurred at the site. Please complete the VPLE Environmental Insurance Application form in accordance with the instructions and submit it to Michael Prager with the appropriate fee and all required attachments.

Please note that a final "Statement for Voluntary Party Liability Exemption Expenses" will be sent to the Village and the Department will need to receive a final payment prior to issuance of the COC.

We appreciate your efforts in restoring these properties and proceeding through the VPLE process to better assure their redevelopment. If you have any questions regarding this letter, please contact me at 920-662-5165.

Sincerely,

Annette Weissbach, Hydrogeologist
Remediation & Redevelopment Program

Attach: Figure 1 Site Map 9/2/2011, Former Allouez Village Hall

e-cc: Bob Mottl – AECOM
Alan Nass – NER
Michael Prager – RR/5

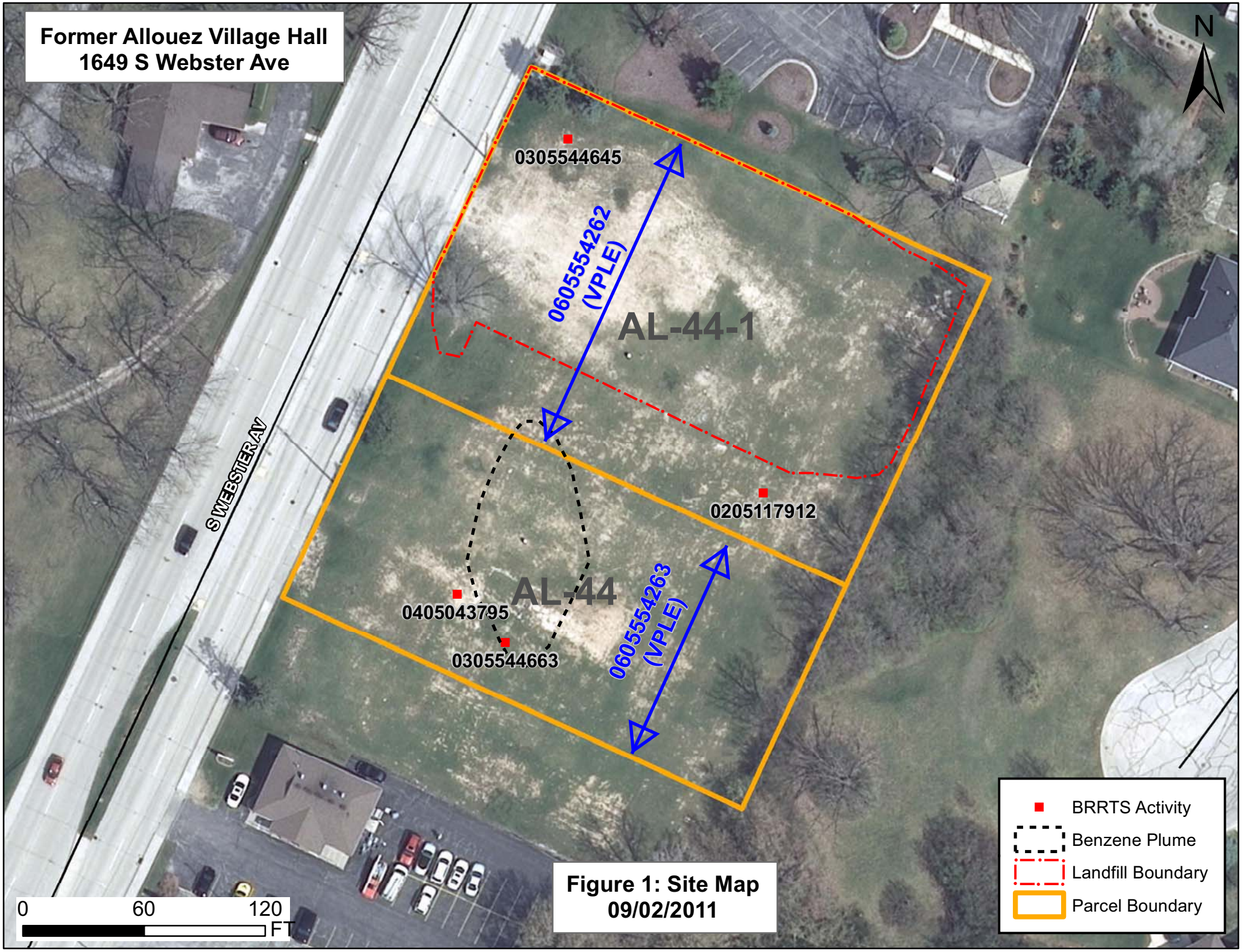


Figure 1: Site Map
09/02/2011

No. 8-8. Warranty Deed—Short Form (Sec. 235.19, Wis. Statutes)

(STATE OF WISCONSIN) Form No. 1

Northwest Office Supply Co., Inc., Green Bay, Wis

628070

VOL 692 PAGE 236

This Indenture, *Made by* OTTO KNUTH, a single man,

grantor , *of* Brown *County, Wisconsin, hereby conveys and warrants to* TOWN OF ALLOUEZ, Brown County, Wisconsin,

grantee , *of* Brown *County, Wisconsin, for the sum of* One Dollar ($1.00) and other good and valuable considerations, *the following tract of land in* Brown *County, State of Wisconsin:*

Part of Private Claim No. 12, East side of Fox River, Town of Allouez, Brown County, Wisconsin, described as follows:

Commencing where the East line of South Webster Avenue intersects the South line of said Private Claim No. 12; thence N 26° 16' 30" E along the East line of said Street 181.47 feet to the point of beginning;

Thence continuing N 26° 16' 30" E along the East line of said street 168.53 feet; thence S 64° 00' E 250 feet parallel to the said South line of Private Claim No. 12' thence S 26° 16' 30" W parallel to the East line of said street 167.88 feet; thence N 64° 09' W 250 feet on a line which is an extension of the Northerly line of a building owned and used by the Knuth Wilbert Vault Works Incorporated to the point of beginning.

REGISTER'S OFFICE
Brown County., Wis.
Received for record the 15th day of April A. D. 19 65 at 1:38 o'clock P.M. and recorded in Vol. 692 of Records on page 236.
Harold P. Lody
Register of Deeds

In Witness Whereof, *the said grantor has hereunto set* his *hand and seal this* 15th *day of* April *, A. D., 19* 65 .

Signed and Sealed in Presence of

E. D. Kranzush
E. D. Kranzush

C. E. Kuehn
C. E. Kuehn

Otto Knuth (SEAL)
Otto Knuth

(SEAL)

(SEAL)

(SEAL)

State of Wisconsin,
Brown *County.* } ss.

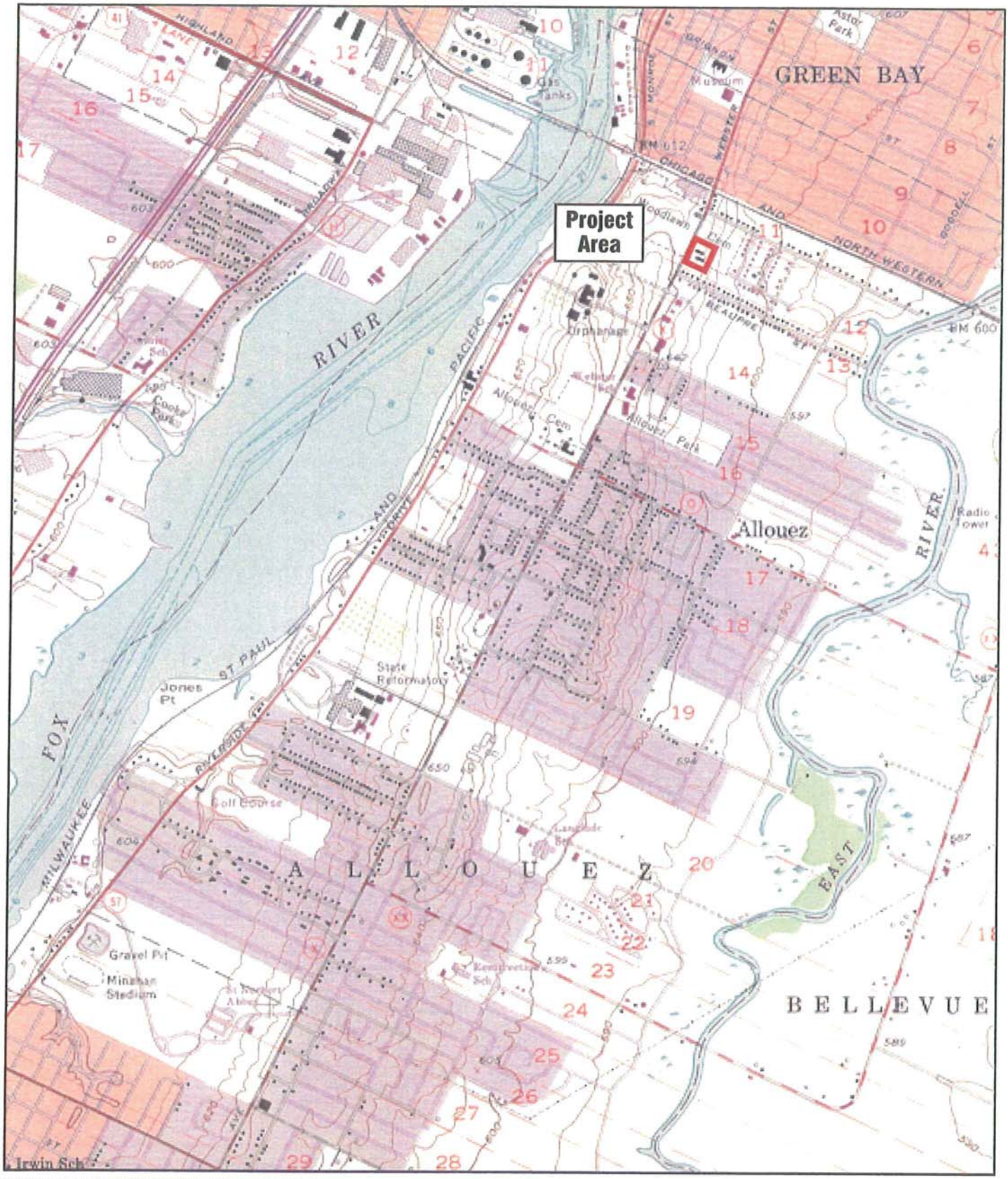
Personally came before me, this 15th *day of* April *, A. D., 19* 65 . *the above named* Otto Knuth, a single man,

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

E. D. Kranzush
E. D. Kranzush
Notary Public, Brown *County, Wis.*
My commission expires ---------- *A. D., 19* . is permanent.

Drafted by E. D. Kranzush, Attorney-at-law

TH 8.—Ch. 59 Wis. Stat. provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary



Map Source: United States Department of The Interior Geological Survey, DePere Quadrangle, Wisconsin, 7.5 Minute Series, 1971

N

SCALE: 1" = 2000'

McMAHON ASSOCIATES

ENGINEERS | ARCHITECTS | SURVEYORS | PROJECT MANAGERS

FIGURE 1

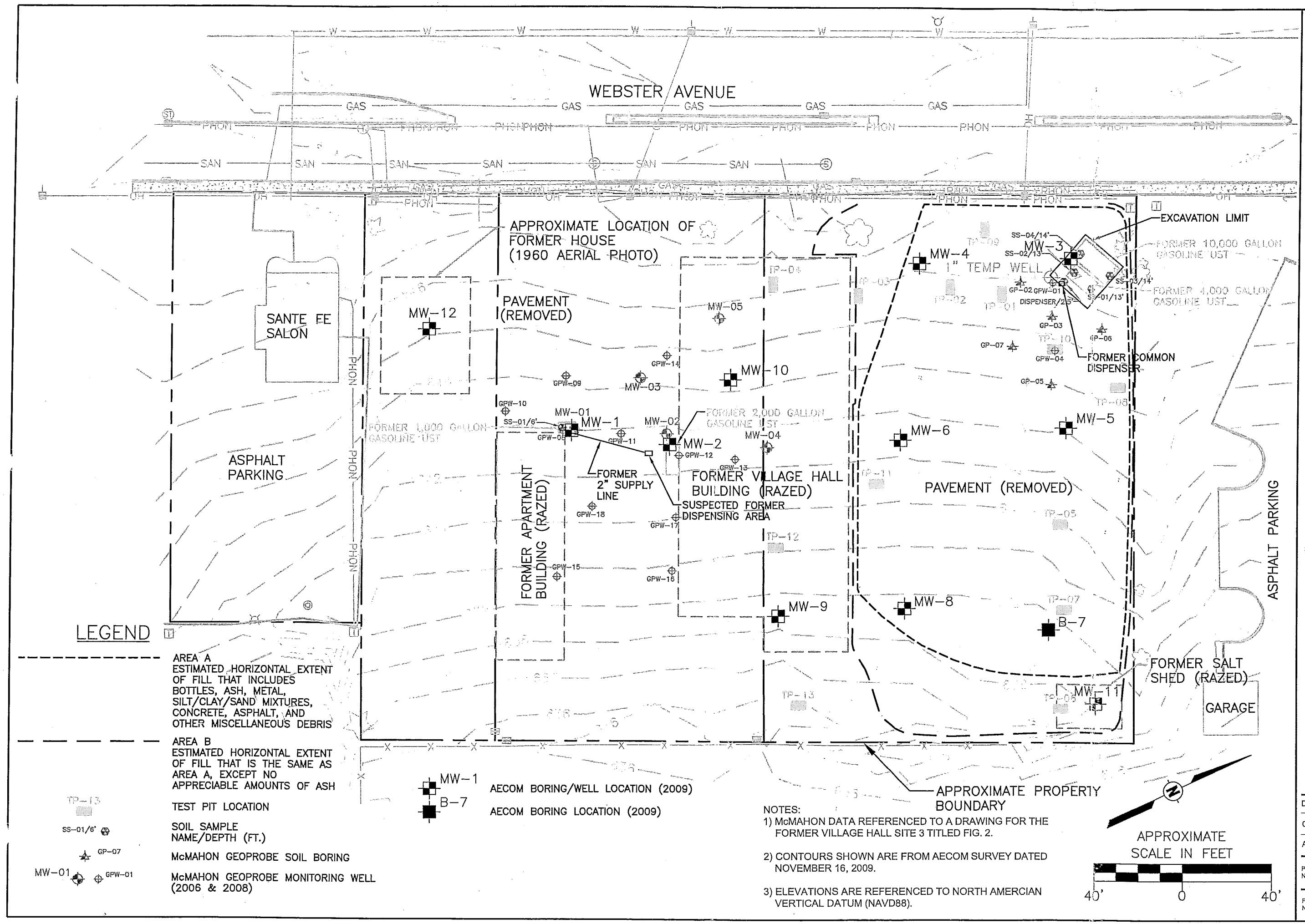
SITE LOCATION & TOPOGRAPHIC MAP

ALLOUEZ VILLAGE HALL PROPERTY

1649 S. WEBSTER AVENUE, ALLOUEZ, WI

McM #A0012-960206.02 5/6/2009

ID: PPT\2007\MCM WI\SAB-ALLOUEZ VILLAGE HALL (SITE1) SITE ASSESS.PPT SAB:jmk



LEGEND

- AREA A — ESTIMATED HORIZONTAL EXTENT OF FILL THAT INCLUDES BOTTLES, ASH, METAL, SILT/CLAY/SAND MIXTURES, CONCRETE, ASPHALT, AND OTHER MISCELLANEOUS DEBRIS
- AREA B — ESTIMATED HORIZONTAL EXTENT OF FILL THAT IS THE SAME AS AREA A, EXCEPT NO APPRECIABLE AMOUNTS OF ASH
- TP-13 — TEST PIT LOCATION
- SS-01/6' — SOIL SAMPLE NAME/DEPTH (FT.)
- GP-07 — McMAHON GEOPROBE SOIL BORING
- MW-01 / GPW-01 — McMAHON GEOPROBE MONITORING WELL (2006 & 2008)
- MW-1 — AECOM BORING/WELL LOCATION (2009)
- B-7 — AECOM BORING LOCATION (2009)

NOTES:
1) McMAHON DATA REFERENCED TO A DRAWING FOR THE FORMER VILLAGE HALL SITE 3 TITLED FIG. 2.
2) CONTOURS SHOWN ARE FROM AECOM SURVEY DATED NOVEMBER 16, 2009.
3) ELEVATIONS ARE REFERENCED TO NORTH AMERCIAN VERTICAL DATUM (NAVD88).

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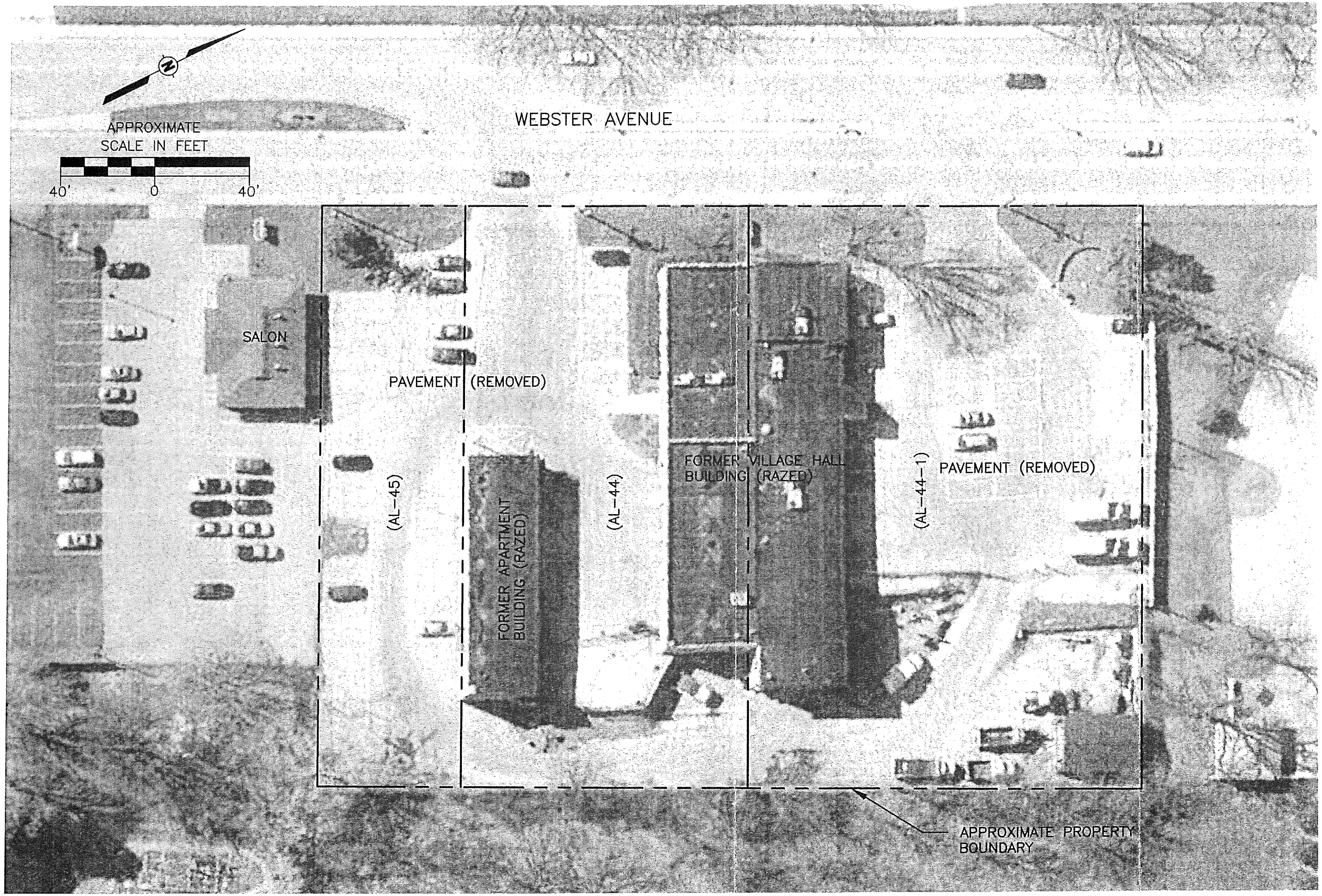
MONITORING LOCATION DIAGRAM
ALLOUEZ VILLAGE HALL PROPERTY
1649 S. WEBSTER AVENUE
ALLOUEZ, WISCONSIN

Drawn :	RLD	11/20/2009
Checked:	RJM	11/20/2009
Approved:	PJK	11/20/2009
PROJECT NUMBER	60139760	
FIGURE NUMBER	2	

X:\PROJECTS\6 760\dwg\60139760_FIG 2.dwg; 12/15/2009 9:19:10 AM; DUCKART, RYAN; STS.stb



NOTES:
1. MAP OBTAINED FROM BROWN COUNTY LAND INFORMATION OFFICE, DATED SPRING 2005.
2. (AL-44-1) = SITE PARCEL NUMBER.

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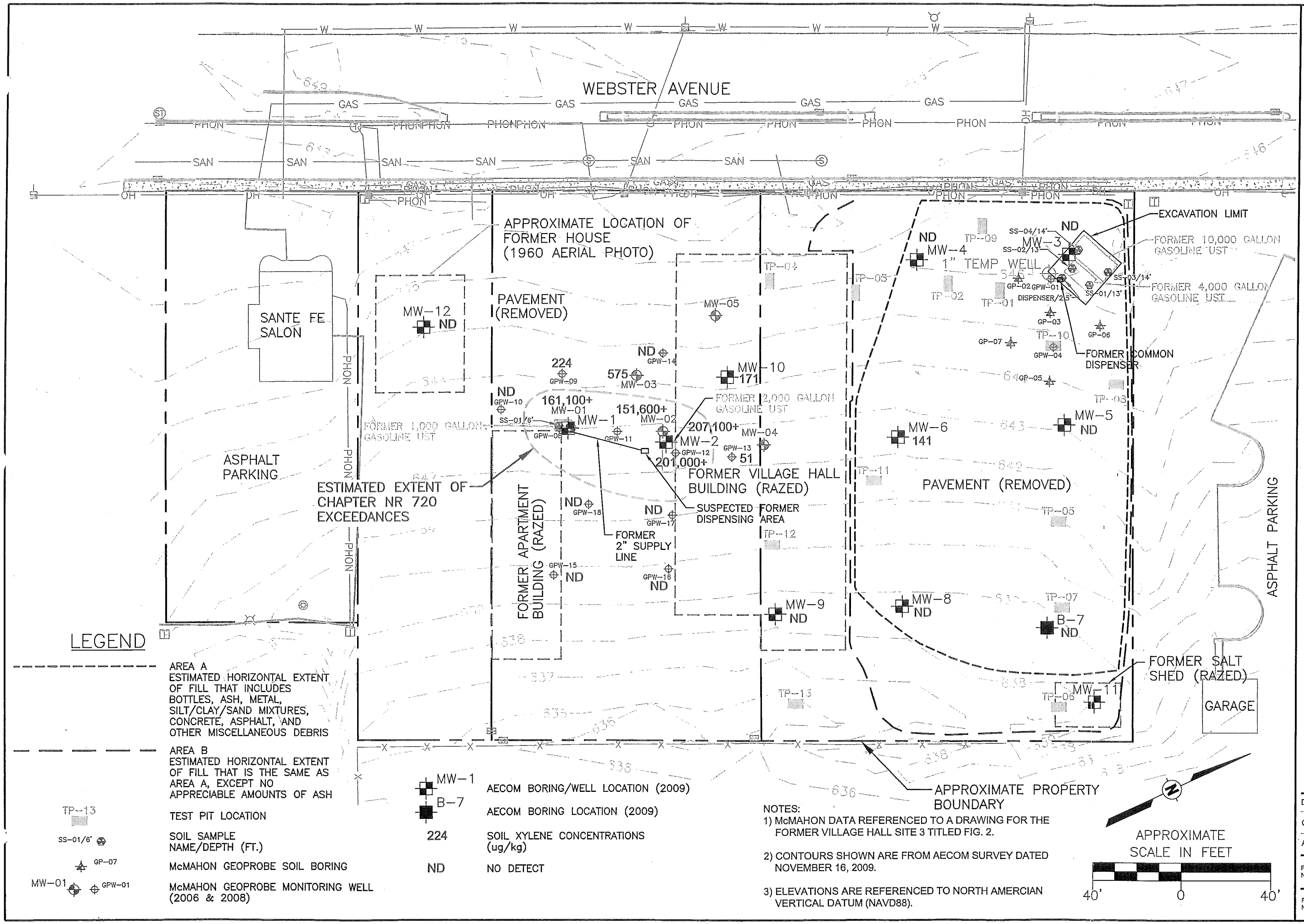
SITE DIAGRAM
ALLOUEZ VILLAGE HALL PROPERTY
1649 S. WEBSTER AVENUE
ALLOUEZ, WISCONSIN

Drawn :	RLD	8/7/2009
Checked:	RJM	8/7/2009
Approved:	PJK	8/7/2009

PROJECT NUMBER 13072-002

FIGURE NUMBER 2

X:\PROJECTS\13072\dwg\13072-002_FIG 2.dwg; 9/18/2009 4:18:31 PM; DUCKART, RYAN; STS.stb



LEGEND

- AREA A — ESTIMATED HORIZONTAL EXTENT OF FILL THAT INCLUDES BOTTLES, ASH, METAL, SILT/CLAY/SAND MIXTURES, CONCRETE, ASPHALT, AND OTHER MISCELLANEOUS DEBRIS
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- GP-07 — McMAHON GEOPROBE SOIL BORING
- MW-01 / GPW-01 — McMAHON GEOPROBE MONITORING WELL (2006 & 2008)
- MW-1 — AECOM BORING/WELL LOCATION (2009)
- B-7 — AECOM BORING LOCATION (2009)
- 224 — SOIL XYLENE CONCENTRATIONS (ug/kg)
- ND — NO DETECT

NOTES:
1) McMAHON DATA REFERENCED TO A DRAWING FOR THE FORMER VILLAGE HALL SITE 3 TITLED FIG. 2.
2) CONTOURS SHOWN ARE FROM AECOM SURVEY DATED NOVEMBER 16, 2009.
3) ELEVATIONS ARE REFERENCED TO NORTH AMERCIAN VERTICAL DATUM (NAVD88).

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SOIL XYLENE CONCENTRATIONS
ALLOUEZ VILLAGE HALL PROPERTY
1649 S. WEBSTER AVENUE
ALLOUEZ, WISCONSIN

Drawn:	JRL	12/07/2009
Checked:	RJM	12/07/2009
Approved:	PJK	12/07/2009
PROJECT NUMBER	60139760	
FIGURE NUMBER	3	

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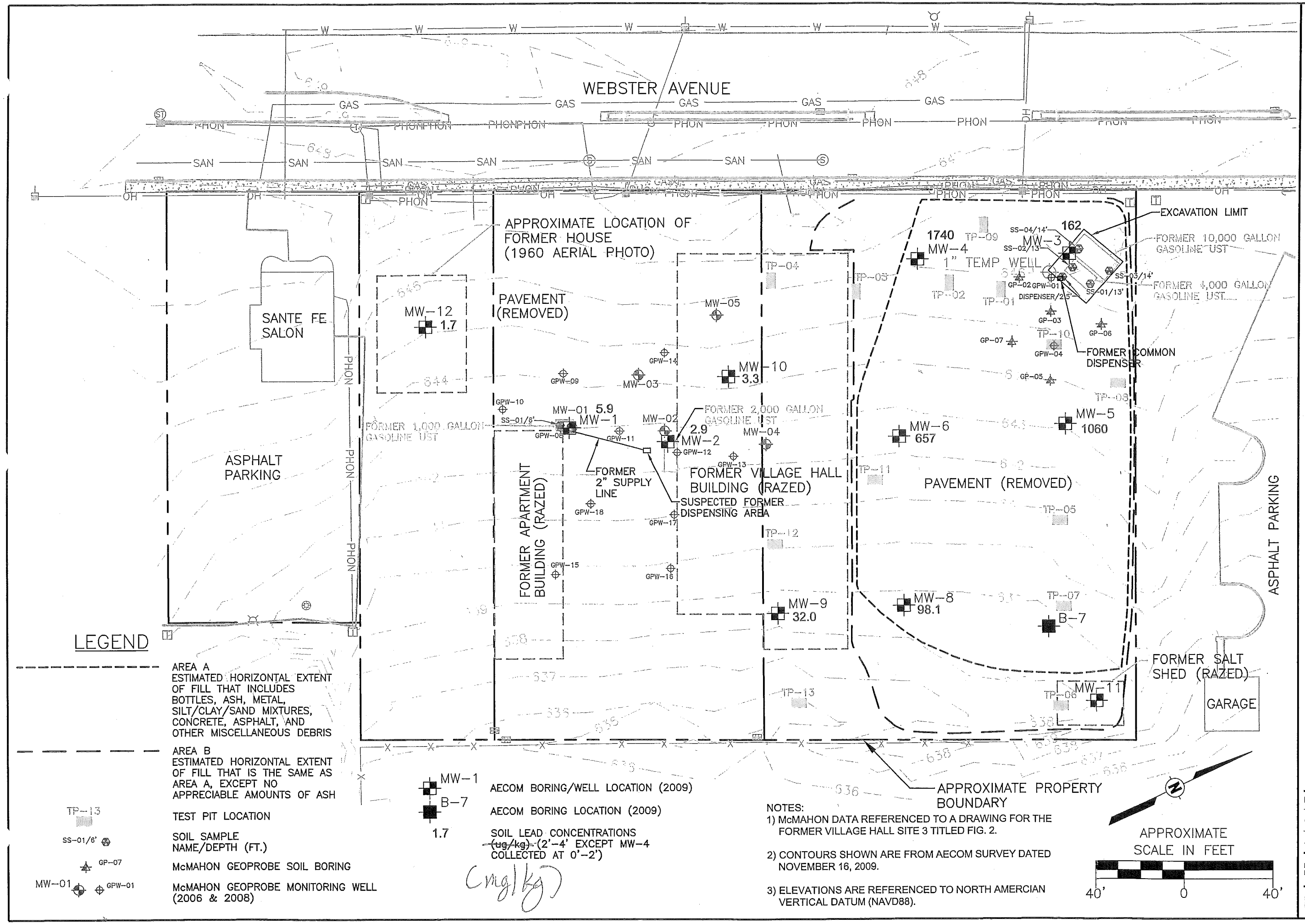

LEGEND

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- TP-13 — TEST PIT LOCATION
- SS-01/6' — SOIL SAMPLE NAME/DEPTH (FT.)
- GP-07 — McMAHON GEOPROBE SOIL BORING
- MW-01 / GPW-01 — McMAHON GEOPROBE MONITORING WELL (2006 & 2008)
- MW-1 / B-7 / 1.7 — AECOM BORING/WELL LOCATION (2009); AECOM BORING LOCATION (2009); SOIL LEAD CONCENTRATIONS ~~(ug/kg)~~ (mg/kg) (2'-4' EXCEPT MW-4 COLLECTED AT 0'-2')

NOTES:
1) McMAHON DATA REFERENCED TO A DRAWING FOR THE FORMER VILLAGE HALL SITE 3 TITLED FIG. 2.
2) CONTOURS SHOWN ARE FROM AECOM SURVEY DATED NOVEMBER 16, 2009.
3) ELEVATIONS ARE REFERENCED TO NORTH AMERCIAN VERTICAL DATUM (NAVD88).

APPROXIMATE SCALE IN FEET
40' 0 40'

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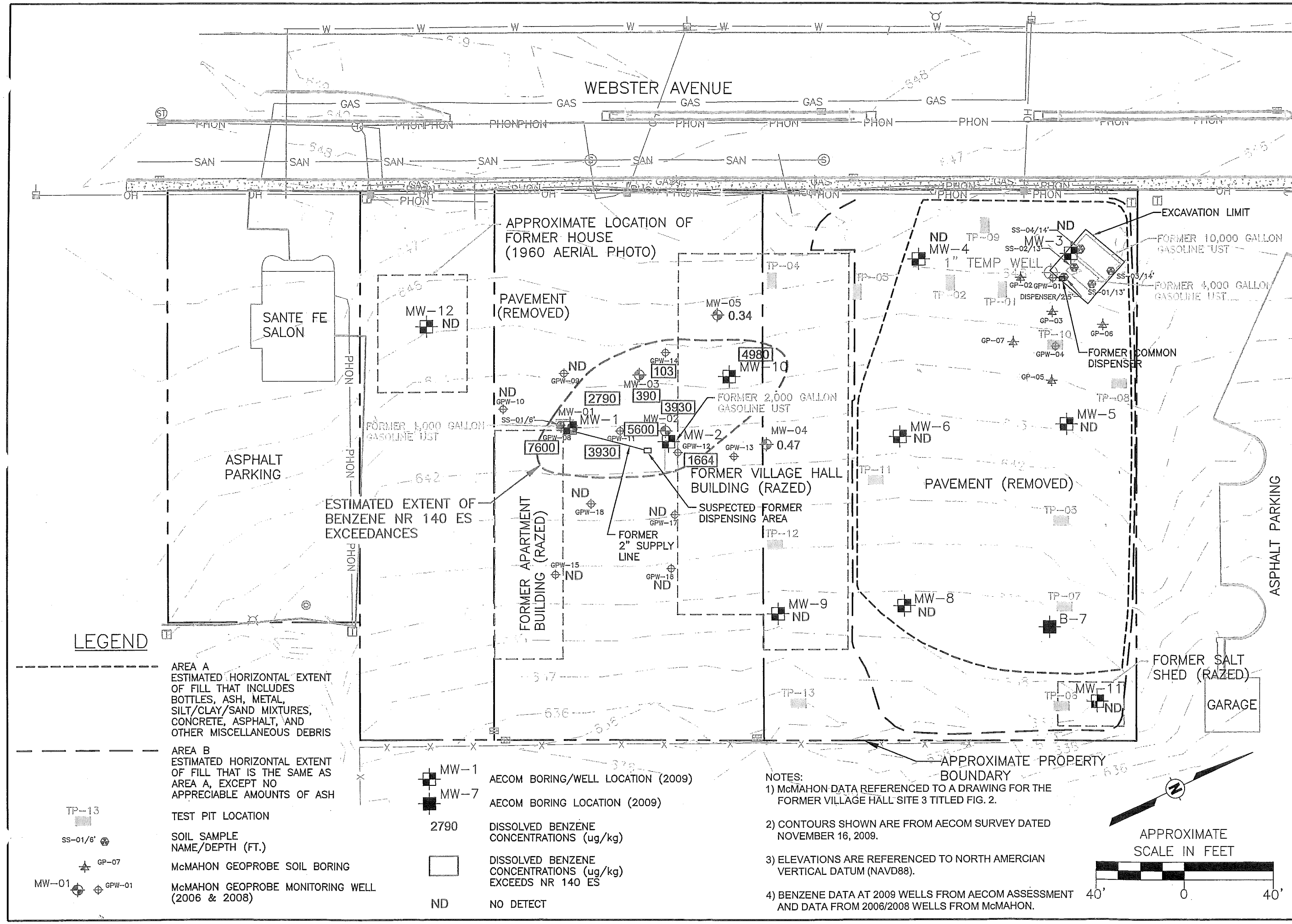
SOIL LEAD CONCENTRATIONS (ug/kg) AT 2-4 FOOT DEPTHS
ALLOUEZ VILLAGE HALL PROPERTY
1649 S. WEBSTER AVENUE
ALLOUEZ, WISCONSIN

Drawn :	JRL	12/07/2009
Checked:	RJM	12/07/2009
Approved:	PJK	12/07/2009
PROJECT NUMBER	60139760	
FIGURE NUMBER	4	

X:\PROJECTS\60139760\dwg\60139760_FIG 4.dwg; 12/15/2009 9:52:36 AM; DUCKART, RYAN; STS.stb



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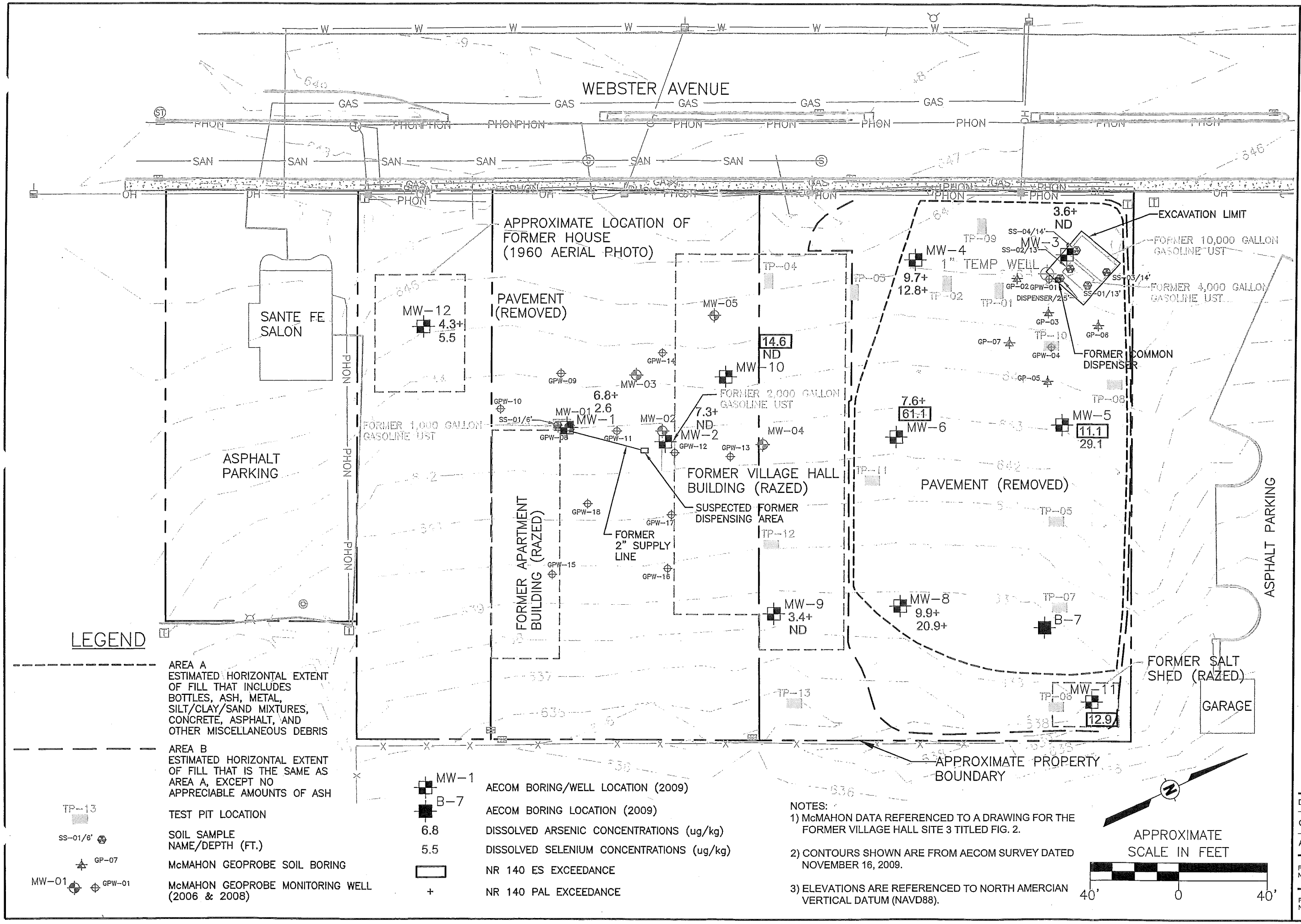
DISSOLVED BENZENE CONCENTRATIONS (ug/L)
ALLOUEZ VILLAGE HALL PROPERTY
1649 S. WEBSTER AVENUE
ALLOUEZ, WISCONSIN

Drawn :	JRL	12/07/2009
Checked:	RJM	12/07/2009
Approved:	PJK	12/07/2009
PROJECT NUMBER	60139760	
FIGURE NUMBER	6	

X:\PROJECTS\60" "60\dwg\60139760_FIG 6.dwg; 12/15/2009 9:24:59 AM; DUCKART, RYAN; STS.stb



NOTES:
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2) CONTOURS SHOWN ARE FROM AECOM SURVEY DATED NOVEMBER 16, 2009.
3) ELEVATIONS ARE REFERENCED TO NORTH AMERCIAN VERTICAL DATUM (NAVD88).

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DISSOLVED ARSENIC AND SELENIUM CONCENTRATIONS
ALLOUEZ VILLAGE HALL PROPERTY
1649 S. WEBSTER AVENUE
ALLOUEZ, WISCONSIN

Drawn:	JRL	12/07/2009
Checked:	RJM	12/07/2009
Approved:	PJK	12/07/2009
PROJECT NUMBER	60139760	
FIGURE NUMBER	7	

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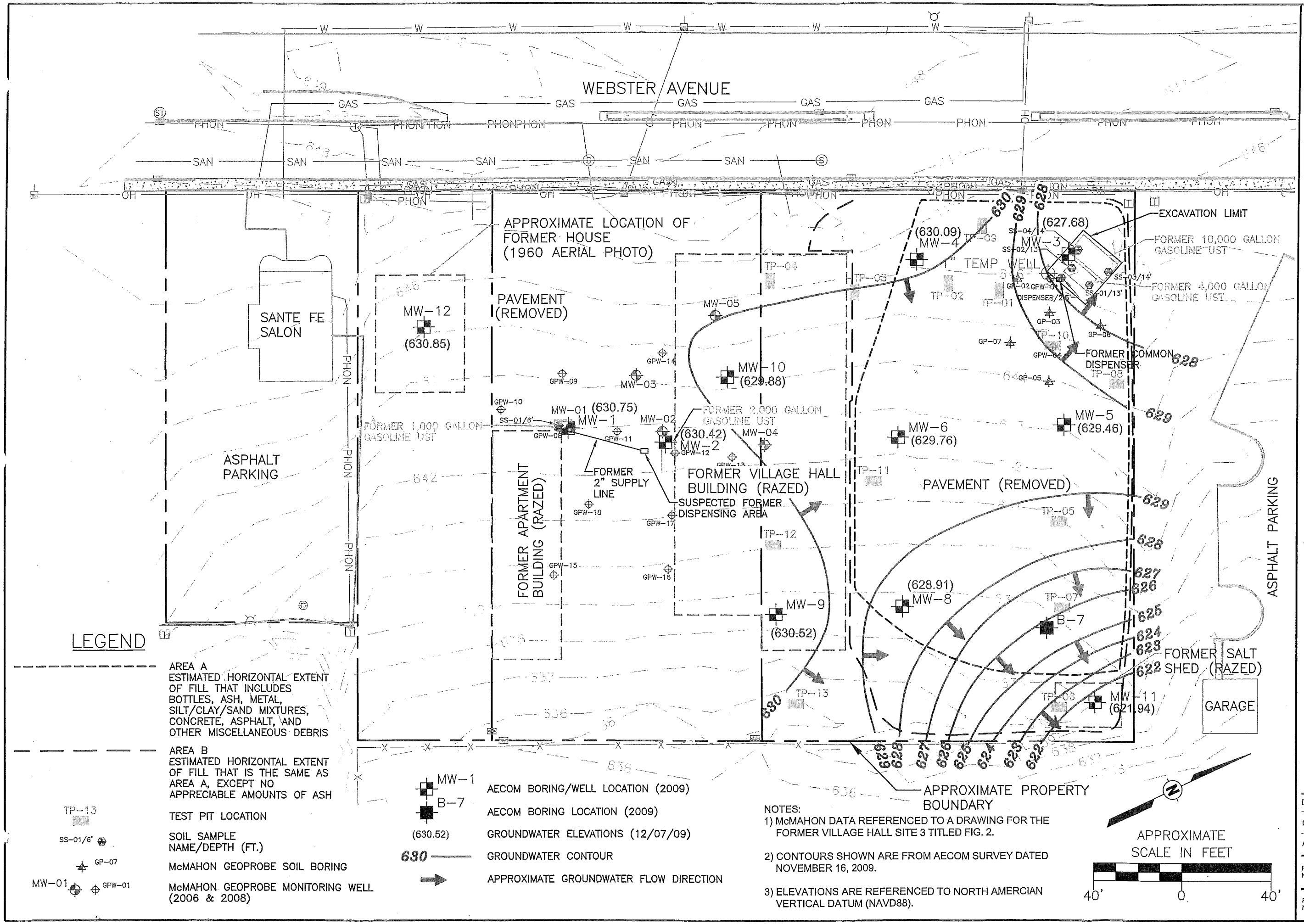

LEGEND

- AREA A — ESTIMATED HORIZONTAL EXTENT OF FILL THAT INCLUDES BOTTLES, ASH, METAL, SILT/CLAY/SAND MIXTURES, CONCRETE, ASPHALT, AND OTHER MISCELLANEOUS DEBRIS
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- MW-01 / GPW-01 — McMAHON GEOPROBE MONITORING WELL (2006 & 2008)
- MW-1 — AECOM BORING/WELL LOCATION (2009)
- B-7 — AECOM BORING LOCATION (2009)
- (630.52) — GROUNDWATER ELEVATIONS (12/07/09)
- 630 — GROUNDWATER CONTOUR
- APPROXIMATE GROUNDWATER FLOW DIRECTION

NOTES:
1) McMAHON DATA REFERENCED TO A DRAWING FOR THE FORMER VILLAGE HALL SITE 3 TITLED FIG. 2.
2) CONTOURS SHOWN ARE FROM AECOM SURVEY DATED NOVEMBER 16, 2009.
3) ELEVATIONS ARE REFERENCED TO NORTH AMERCIAN VERTICAL DATUM (NAVD88).

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GROUNDWATER ELEVATIONS (12/07/09)
ALLOUEZ VILLAGE HALL PROPERTY
1649 S. WEBSTER AVENUE
ALLOUEZ, WISCONSIN

Drawn :	JRL	12/07/2009
Checked:	RJM	12/07/2009
Approved:	PJK	12/07/2009
PROJECT NUMBER	60139760	
FIGURE NUMBER	5	

X:\PROJECTS\6 '60\dwg\60139760_FIG 5.dwg; 12/15/2009 9:23:53 AM; DUCKART, RYAN; STS.stb

Table #5

TEST PITS RESULTS
VILLAGE OF ALLOUEZ - VILLAGE HALL
1649 South Webster Avenue

Test Pits	Depth (ft)	Materials Encountered
TP-01	0 - 1	Silty Clay
	1 - 6.3	3/4 Road Gravel
	6.3 - 7.6	Bottles (Some), Tile, Mix of Sand, Silt and Clay
	7.6 - 8.8	Silty Clay (Native)
TP-02	0 - 1	Clay
	1 - 7.2	Mostly Landfill Ash and Bottles, Some Silt and Clay
	7.2 - 8.4	Silty Clay (Native)
TP-03	0 - 2.5	Silty Clay
	2.5 - 5.0	Concrete, Some Glass, Silt and Clay
	5.0 - 6.0	Silty Clay (Native)
TP-04	0 - 3.5	Silt & Clay
	3.5 - 11.6	Silt & Clay, Just A Few Bottles, Stones, Concrete, Asphalt, Gravel Mix
	11.6 - 12.3	Silty Clay (Native)
TP-05	0 - 0.3	Silt
	0.3 - 6.4	Ash, Many Bottles, Ceramic Plates
	6.4 - 7.1	Silty Clay Loam (Native)
TP-06	0 - 3.1	Silt, Sand and Clay
	3.1 - 12.5	Silt, Sand, Clay and Gravel, Couple Bottles, Quite A Bit of Asphalt & Concrete Chunks
	12.5 - 13.1	Silty Clay (Native)
TP-07	0 - 2.6	Silt, Gravel and Clay Mix
	2.6 - 5	Silt, Gravel, and Clay Mix, Couple Bottles
	5 - 7.6	Ash, Glass Bottles, Tin
	7.6 - 8.2	Silty Clay Loam (Native)
TP-08	0 - 1.5	Silt & Clay
	1.5 - 2.5	Sand (Fine Grained)
	2.5 - 3.6	Ash, Glass Bottles
	3.6 - 4.8	Silty Clay
TP-09	0 - 0.9	Gravel
	0.9 - 2.6	Ash, Glass Bottles, Silt and Sand Mix
	2.6 - 3.4	Silty Clay
TP-10	0 - 2.3	Silty Clay, Silt and Gravel
	2.3 - 10.3	Ash, Bottles
	10.3 - 11.2	Silty Clay
TP-11	0 - 8.8	Ash, Glass Bottles @ 4' and Below Includes Mostly Concrete Rubble
	8.8 - 9.4	Silty Clay (Native)
TP-12	0 - 4.9	Silt, Clay, Concrete Rubble, Bricks, Trace of Glass Bottles
	4.9 - 5.8	Silty Clay (Native)
TP-13	0 - 2.7	Silt & Clay Soil
	2.7 - 7	F.g. Sand (Native)

B3=MW-3, B4=MW-4, etc.

Table 1
Soil Analytical Results
Former Allouez Village Hall Property
Allouez, Wisconsin

Parameters	Boring No. / Sample No. / Sample Depth (feet)	B3 VH B3 S02	B3 VH B3 S06	B4 VH B4 S01	B4 VH B4 S04	B5 VH B5 S02	B5 VH B5 S06A	WDNR Generic RCLs-Data Quality Objectives: Direct Contact Pathway, Non-Industrial	Direct Contact Pathway, Industrial	Volatile Inhalation, Non-Industrial	Volatile Inhalation, Industrial	Groundwater Pathway
Metals												
(mg/kg)	Arsenic	**3.8 ++**	**7.3 ++**	**15.2 ++**	NA*	**7.8 ++**	**2.6 ++**	0.039 [D]	1.6 [D]	--	--	0.58
	Barium	84.5	116	791	NA*	562	26.6	3,130	2.4×10^5	--	--	3,300
	Cadmium	0.62	0.040J	**3.7 +**	NA*	0.37J	0.098J	8 [D]	510 [D]	--	--	1.5
	Chromium	15.0	42.7	43.5	NA*	18.0	8.4	16,000 [D]	1.53×10^6	--	--	360
	Lead	**162**	**10.3**	**1740**	NA*	**1060**	**48.7**	50 [D]	500 [D]	--	--	--
	Selenium	0.56J	<0.32	0.71J	NA*	0.49J	<0.25	78.2	5,110	--	--	1
	Silver	0.18J	0.28J	**1.8 +**	NA*	0.25J	0.061J	78.2	5,110	--	--	1.67
	Mercury	0.067	0.023	0.043	NA*	0.13	0.0077J	--	--	2.9[F]	2.9[F]	0.42
VOCs												
(ug/kg)	1,1,1,2-Tetrachloroethane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	2,460	110,000	1,300	21,000	157
	1,1,1-Trichloroethane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	3,130,000	204,000,000	1,200,000[F]	1,200,000[F]	280
	1,1,2,2-Tetrachloroethane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	319	14,300	110	1,900	0.09
	1,1,2-Trichloroethane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	1,120	50,200	190	3,200	1.9
	1,1-Dichloroethane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	3,130,000	204,000,000	490,000	1,800,000[F]	349
	1,1-Dichloroethene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	782,000	51,100,000	110,000	780,000	10
	1,1-Dichloropropene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	1,2,3-Trichlorobenzene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	67,000	470,000	--
	1,2,3-Trichloropropane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	9.12	409	--	570,000[F]	76
	1,2,4-Trichlorobenzene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	156,000	10,200,000	--	--	540
	1,2,4-Trimethylbenzene[1]	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	782,000	51,100,000	47,000	330,000	7573
	1,2-Dibromo-3-chloropropane	<83.1	<82.3	<82.3	<82.3	<82.3	<82.3	46	2,040	8,200	57,000	0.1
	1,2-Dibromoethane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	31.9	1,430	0.019	0.33	0.033
	1,2-Dichlorobenzene	<44.8	<44.4	<44.4	<44.4	<44.4	<44.4	1,410,000	92,000,000	600,000[F]	600,000[F]	1,800
	1,2-Dichloroethane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	702 [D]	31,400	73	1,200	4.9 [D]
	1,2-Dichloropropane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	939	42,100	5,800	40,000	1.9
	1,3,5-Trimethylbenzene[1]	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	782,000	51,100,000	27,000	190,000	3520
	1,3-Dichlorobenzene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	1,3-Dichloropropane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	313,000	20,400,000	1,700,000[F]	1,700,000[F]	640
	1,4-Dichlorobenzene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	2,660	119,000	4,000,000	28,000,000	110
	2,2-Dichloropropane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	2-Chlorotoluene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	313,000	20,400,000	--	--	2700
	4-Chlorotoluene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	Benzene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	1,100 [D]	52,000	160	2,600	5.5 [D]
	Bromobenzene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	Bromochloromethane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	Bromodichloromethane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	1,030	46,200	32000000[F]	32000000[F]	0.24
	Bromoform	<26.2	<25.9	<25.9	<25.9	<25.9	<25.9	8,090	362,000	10,000	170,000	2
	Bromomethane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	21,900	1,430,000	3,800	27,000	4
	Carbon tetrachloride	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	491	22,000	62	1,000	5
	Chlorobenzene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	313,000	20,400,000	49,000	340,000	150
	Chlorodibromomethane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	760	34,100	--	--	24
	Chloroethane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	Chloroform	<25.3	<25.0	49.9J	<25.0	<25.0	<25.0	10,500	469,000	54	910	2
	Chloromethane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	4,910	220,000	410	6,900	1
	cis-1,2-Dichloroethene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	156,000	10,200,000	1,300,000[F]	1,300,000[F]	55
	cis-1,3-Dichloropropene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	Dibromomethane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	156,000	10,200,000	2,000,000[F]	2,000,000[F]	210
	Dichlorodifluoromethane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	3,130,000	204,000,000	89,000	620,000	21,918
	Diisopropyl ether	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	6,260,000	409,000,000	1,900,000[F]	1,900,000[F]	9200
	Ethylbenzene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	1,560,000	102,000,000	400,000[F]	400,000[F]	2,900 [D]
	Hexachlorobutadiene	<26.6	<26.4	<26.4	<26.4	<26.4	<26.4	819	36,700	1,500	24,000	120
	Isopropylbenzene (cumene)	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	1,560,000	102,000,000	--	860,000[F]	37,000
	Methylene chloride	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	8,520	382,000	2,600	43,000	1.6
	Methyl-tert-butyl-ether	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	10,000,000[F]	--
	Naphthalene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	60,000 [E]	4,000,000 [E]	65,000	440,000	400 [E]
	n-Butylbenzene	<40.8	<40.4	<40.4	<40.4	<40.4	<40.4	--	--	--	--	--
	n-Propylbenzene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	460,000	--
	p-Isopropyltoluene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	sec-Butylbenzene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	Styrene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	3,130,000	204,000,000	1,500,000	1,500,000	370
	tert-Butylbenzene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	Tetrachloroethene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	1,230	55,000	2,000	34,000	4.1
	Toluene	<25.3	<25.0	<25.0	<25.0	33.1J	<25.0	1,250,000	81,800,000	670,000[F]	670,000[F]	1,500 [D]
	trans-1,2-Dichloroethene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	313,000	20,400,000	3,200,000[F]	3,200,000[F]	98
	trans-1,3-Dichloropropene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	Trichloroethene	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	160	7,150	14	230	3.7
	Trichlorofluoromethane	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	4,690,000	307,000,000	--	1,600,000[F]	29,000
	Vinyl chloride	<25.3	<25.0	<25.0	<25.0	<25.0	<25.0	42.6	1,910	53	890	0.13
	Xylenes, total	<75.8	<75.0	<75.0	<75.0	<75.0	<75.0	3,130,000	204,000,000	270,000	1,900,000	4,100 [D]

Notes:

VOCs = Volatile Organic Compounds

1.8 = Industrial Direct Contact Exceedance

5300+ = Groundwater Pathway Exceedance

5300++ = Groundwater Pathway & Ind. Direct Contact Exceedance

[1] Standards are for 1,2,4- and 1,3,5-Trimethylbenzene combined.

[3] Standards are for Total PCBs.

[A] Parameter exceeds NR 720 Generic RCL for Non-Industrial Direct Contact.

[B] Parameter exceeds NR 720 Generic RCL for Industrial Direct Contact.

[C] Parameter exceeds NR 720 Generic RCL for Groundwater Pathway.

[D] Generic RCL is established under NR 720 or NR 746

[E] Generic RCLs provided in *Soil Cleanup Levels for PAHs Interim Guidance*, WDNR RR-5 1997

[F] Value is soil saturation concentration

-- No Generic RCL or objective established. For volatile inhalation for all compounds other than VOCs, compound not volatile

Generic RCLs not included in Wisconsin Administrative Code or Guidance are calculated from the US EPA Soil Screening Level Web Page and the default values contained in *Determining Residual Contaminant Levels using the EPA Soil Screening Level Web Site* WDNR PUB-RR-682 on May 12, 2006

Table 1
Soil Analytical Results
Former Allouez Village Hall Property
Allouez, Wisconsin

B3=MW-3, B4=MW-4, etc.

Parameters	Boring No. / Sample No. / Sample Depth (feet)	B3 VH B3 S02	B3 VH B3 S06	B4 VH B4 S01	B4 VH B4 S04	B5 VH B5 S02	B5 VH B5 S06A	WDNR Generic RCLs-Data Quality Objectives: Direct Contact Pathway, Non-Industrial	Direct Contact Pathway, Industrial	Volatile Inhalation, Non-Industrial	Volatile Inhalation, Industrial	Groundwater Pathway
SVOCs (ug/kg)	2,4,5-Trichlorophenol	<12.9	<16.0	<14.5	NA*	<125	<12.5	1560	102,000	--	--	--
	2,4,6-Trichlorophenol	<21.7	<26.8	<24.3	NA*	<210	<21.1	5.81	260	34	560	--
	2,4-Dichlorophenol	<16.8	<20.7	<18.8	NA*	<163	<16.3	46.9	3,070	--	--	--
	2,4-Dimethylphenol	<98.2	<121	<110	NA*	<951	<95.3	313	20,400	--	--	--
	2,4-Dinitrophenol	<144	<178	<162	NA*	<1400	<140	31.3	2,040	--	--	--
	2,4-Dinitrotoluene	<15.4	<19.1	<17.3	NA*	<149	<15.0	0.094	4.21	--	--	--
	2,6-Dinitrotoluene	<22.7	<28.0	<25.5	NA*	<220	<22.0	0.094	4.21	--	--	--
	2-Chloronaphthalene	<20.4	<25.2	<22.9	NA*	<198	<19.8	--	--	--	--	--
	2-Chlorophenol	<98.2	<121	<110	NA*	<951	<95.3	78.2	5,110	54,000[F]	54,000[F]	--
	2-Methylnaphthalene	43.3J	<26.7	37.1J	NA*	1250J	<21.0	62.6	4,090	--	--	--
	2-Methylphenol	<98.2	<121	<110	NA*	<951	<95.3	782	51,100	--	--	--
	2-Nitroaniline	<14.2	<17.6	<16.0	NA*	<138	<13.8	46.9	3,070	0.49	3.4	--
	2-Nitrophenol	<23.5	<29.0	<26.4	NA*	<228	<22.8	--	--	--	--	--
	3,3-Dichlorobenzidine	<14.2	<17.6	<16.0	NA*	<138	<13.8	0.142	6.36	--	--	--
	3-Nitroaniline	<15.6	<19.2	<17.5	NA*	<151	<15.1	--	--	--	--	--
	4,6-Dinitro-2-methylphenol	<98.2	<121	<110	NA*	<951	<95.3	--	--	--	--	--
	4-Bromophenyl phenyl ether	<20.8	<25.7	<23.4	NA*	<202	<20.2	--	--	--	--	--
	4-Chloro-3-methylphenol	<20.1	<24.8	<22.5	NA*	<194	<19.5	--	--	--	--	--
	4-Chloroaniline	<98.2	<121	<110	NA*	<951	<95.3	--	--	--	--	--
	4-Chlorophenyl phenyl ether	<98.2	<121	<110	NA*	<951	<95.3	--	--	--	--	--
	4-Methylphenol	<20.5	<25.3	209J	NA*	<198	<19.9	78.2	5,110	13,000[F]	13,000[F]	--
	4-Nitroaniline	<98.2	<121	<110	NA*	<951	<95.3	--	--	--	--	--
	4-Nitrophenol	<38.7	<47.8	<43.5	NA*	<375	<37.6	--	--	--	--	--
	Acenaphthene	<98.2	<121	<110	NA*	1730J	<95.3	900000[E]	60,000,000[E]	--	--	38000[E]
	Acenaphthylene	<21.1	<26.0	<23.6	NA*	<204	<20.4	18000[E]	350000[E]	--	--	700[E]
	Anthracene	<98.2	<121	<110	NA*	4060	<95.3	5,000,000[E]	300,000,000[E]	--	--	3000000[E]
	Benzo(a)anthracene	51.8J	<27.3	440	NA*	**6580**	<21.5	88[E]	3900[E]	--	--	17000[E]
	Benzo(a)pyrene	58.7J	<29.4	378	NA*	**5040**	<23.1	8.8[E]	390[E]	--	--	48000[E]
	Benzo(b)fluoranthene	65.0J	<28.6	1760	NA*	3400	<22.5	88[E]	3900[E]	--	--	350000[E]
	Benzo(g,h,I)perylene	<98.2	<121	1280	NA*	2310	<95.3	1800[E]	39000[E]	--	--	6,800,000[E]
	Benzo(k)fluoranthene	73.8J	<38.3	1340	NA*	5510	<30.1	880[E]	39000[E]	--	--	870000[E]
	bis(2-Chloroethoxy)methane	<23.7	<29.3	<26.6	NA*	<230	<23.0	--	--	--	--	--
	bis(2-Chloroethyl)ether	<98.2	<121	<110	NA*	<951	<95.3	0.0581	2.6	0.048	0.81	--
	bis(2-Ethylhexyl)phthalate	<40.2	<49.7	70.0J	NA*	<390	<39.0	4.56	204	31,000[F]	31,000[F]	--
	Butylbenzylphthalate	<44.2	<54.6	<49.6	NA*	<428	<42.9	--	204,000	930[F]	930[F]	--
	Carbazole	<20.3	<25.0	<22.7	NA*	1190J	<19.7	--	--	--	--	--
	Chrysene	80.3J	<35.4	886	NA*	7150	<27.8	8800[E]	390000[E]	--	--	37000[E]
	Dibenzo(a,h)anthracene	<36.0	<44.4	355	NA*	<348	<34.9	8.8[E]	3900[E]	--	--	38,000[E]
	Dibenzofuran	<98.2	<121	<110	NA*	1600J	<95.3	62.6	4,090	211[F]	211[F]	--
	Diethylphthalate	<98.2	<121	<110	NA*	<951	<95.3	12,500	818,000	2,000[F]	2,000[F]	--
	Dimethylphthalate	<20.6	<25.5	<23.1	NA*	<200	<20.0	--	--	--	--	--
	Di-n-butylphthalate	<32.9	<40.6	<36.9	NA*	<318	<31.9	1,560	102,000	2,300[F]	2,300[F]	--
	Di-n-octylphthalate	<21.5	<26.5	<24.1	NA*	<208	<20.8	--	--	--	--	--
	Fluoranthene	92.6J	<42.9	125J	NA*	14500	<33.7	600,000[E]	40,000,000[E]	--	--	500,000[E]
	Fluorene	<9.9	<12.2	<11.1	NA*	2650	<9.6	600,000[E]	40,000,000[E]	--	--	100,000[E]
	Hexachlorobenzene	<11.6	<14.3	<13.0	NA*	<112	<11.2	--	1.79	0.18	3	--
	Hexachlorobutadiene	<25.3	<31.2	<28.4	NA*	<245	<24.5	0.819	36.7	1.5	24	0.12
	Hexachlorocyclopentadiene	<98.2	<121	<110	NA*	<951	<95.3	93.9	6,130	11	77	--
	Hexachloroethane	<24.9	<30.7	<27.9	NA*	<241	<24.1	4.56	204	10	170	--
	Indeno(1,2,3-cd)pyrene	<26.3	<32.5	1130	NA*	2520	<25.6	88	3900	--	--	38000
	Isophorone	<98.2	<121	<110	NA*	<951	<95.3	--	--	--	--	--
	Naphthalene	38.2J	<28.4	36.5J	NA*	733J	<22.3	20,000[E]	110,000[E]	--	--	400[E]
	Nitrobenzene	<22.6	<27.9	<25.3	NA*	<219	<21.9	7.82	511	34	240	--
	N-Nitroso-di-n-propylamine	<23.3	<28.8	<26.1	NA*	<226	<22.6	0.00912	0.409	--	--	--
	N-Nitrosodiphenylamine	<27.0	<33.3	<30.3	NA*	<261	<26.2	13	584	--	--	--
	Pentachlorophenol	<98.2	<121	<110	NA*	<951	<95.3	0.532	24	--	--	--
	Phenanthrene	<98.2	<121	<110	NA*	20000	<95.3	18,000[E]	390,000[E]	--	--	1800[E]
	Phenol	<23.3	<28.8	<26.2	NA*	<226	<22.7	4,690	307,000	--	--	--
	Pyrene	92.7J	<59.0	209J	NA*	14400	<46.4	500,000[E]	30,000,000[E]	--	--	8,700,000[E]
PCBs (ug/kg)	Aroclor 1016[3]	<27.8	<34.4	<31.2	NA*	<27.0	<27.0	--	--	--	--	--
	Aroclor 1221[3]	<27.8	<34.4	<31.2	NA*	<27.0	<27.0	--	--	--	--	--
	Aroclor 1232[3]	<27.8	<34.4	<31.2	NA*	<27.0	<27.0	--	--	--	--	--
	Aroclor 1242[3]	<27.8	<34.4	<31.2	NA*	<27.0	<27.0	--	--	--	--	--
	Aroclor 1248[3]	<27.8	<34.4	<31.2	NA*	<27.0	<27.0	--	--	--	--	--
	Aroclor 1254[3]	<27.8	<34.4	<31.2	NA*	<27.0	<27.0	--	--	--	--	--
	Aroclor 1260[3]	<27.8	<34.4	<31.2	NA*	<27.0	<27.0	--	--	--	--	--
General Chemistry	Cyanide, total (mg/kg)							313	20,400	--	--	8

Notes:

SVOCs = Semi-Volatile Organic Compounds
PCBs = PolyChlorinated Biphenyls
[1] Standards are for 1,2,4- and 1,3,5-Trimethylbenzene combined.
[3] Standards are for Total PCBs.

1.8 = Industrial Direct Contact Exceedance
5300+ = Groundwater Pathway Exceedance

[A] Parameter exceeds NR 720 Generic RCL for Non-Industrial Direct Contact.
[B] Parameter exceeds NR 720 Generic RCL for Industrial Direct Contact.
[C] Parameter exceeds NR 720 Generic RCL for Groundwater Pathway.
[D] Generic RCL is established under NR 720 or NR 746
[E] Generic RCLs provided in *Soil Cleanup Levels for PAHs Interim Guidance*, WDNR RR-5 1997
[F] Value is soil saturation concentration
[G] Arochlor 1260 is the only spike compound for PCBs.

-- No Generic RCL or objective established. For volatile inhalation for all compounds other than VOCs, compound not volatile
Generic RCLs not included in Wisconsin Administrative Code or Guidance are calculated from the US EPA Soil Screening Level Web Page and the default values contained in *Determining Residual Contaminant Levels using the EPA Soil Screening Level Web Site* WDNR PUB-RR-682 on May 12, 2006

Table 1
Soil Analytical Results
Former Allouez Village Hall Property
Allouez, Wisconsin

B6 = MW-6, B8 = MW-8, etc.

Parameters	Boring No. / Sample No. / Sample Depth (feet)	B6 VH B6 S02	B6 VH B6 S05	B8 VH B8 S02	B8 VH B8 S04A	B9 VH B9 S02	B9 VH B9 S03	WDNR Generic RCLs-Data Quality Objectives: Direct Contact Pathway, Non-Industrial	Direct Contact Pathway, Industrial	Volatile Inhalation, Non-Industrial	Volatile Inhalation, Industrial	Groundwater Pathway
Metals (mg/kg)	Arsenic	**20.6 ++**	**3.3 ++**	**6.1 ++**	**2.1J ++**	**8.0 ++**	**2.5 ++**	0.039 [D]	1.6 [D]	--	--	0.58
	Barium	671	47.2	141	18.5	48.9	28.0	3,130	2.4×10^5	--	--	3,300
	Cadmium	0.36J	0.17J	0.94	0.048J	0.19J	0.045J	8 [D]	510 [D]	--	--	1.5
	Chromium	34.2	18.4	25.9	9.1	14.7	11.6	16,000 [D]	1.53×10^6	--	--	360
	Lead	**657**	7.8	98.1	2.6	32.0	3.2	50 [D]	500 [D]	--	--	--
	Selenium	**1.5J +**	0.27J	0.36J	<0.28	0.47J	<0.27	78.2	5,110	--	--	1
	Silver	0.77J	0.10J	1.5	0.065J	0.10J	0.054J	78.2	5,110	--	--	1.67
	Mercury	**3.7**	0.010J	**4.0**	0.015	0.060	0.0065J	--	--	2.9[F]	2.9[F]	0.42
VOCs (ug/kg)	1,1,1,2-Tetrachloroethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	2,460	110,000	1,300	21,000	157
	1,1,1-Trichloroethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	3,130,000	204,000,000	1,200,000[F]	1,200,000[F]	280
	1,1,2,2-Tetrachloroethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	319	14,300	110	1,900	0.09
	1,1,2-Trichloroethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1,120	50,200	190	3,200	1.9
	1,1-Dichloroethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	3,130,000	204,000,000	490,000	1,800,000[F]	349
	1,1-Dichloroethene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	782,000	51,100,000	110,000	780,000	10
	1,1-Dichloropropene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	1,2,3-Trichlorobenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	67,000	470,000	--
	1,2,3-Trichloropropane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	9.12	409	--	570,000[F]	76
	1,2,4-Trichlorobenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	156,000	10,200,000	--	--	540
	1,2,4-Trimethylbenzene[1]	67.5	<25.0	<25.0	<25.0	<25.0	<25.0	782,000	51,100,000	47,000	330,000	7573
	1,2-Dibromo-3-chloropropane	<82.3	<82.3	<82.3	<82.3	<82.3	<82.3	46	2,040	8,200	57,000	0.1
	1,2-Dibromoethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	31.9	1,430	0.019	0.33	0.033
	1,2-Dichlorobenzene	<44.4	<44.4	<44.4	<44.4	<44.4	<44.4	1,410,000	92,000,000	600,000[F]	600,000[F]	1,800
	1,2-Dichloroethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	702 [D]	31,400	73	1,200	4.9 [D]
	1,2-Dichloropropane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	939	42,100	5,800	40,000	1.9
	1,3,5-Trimethylbenzene[1]	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	782,000	51,100,000	27,000	190,000	3520
	1,3-Dichlorobenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	1,3-Dichloropropane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	313,000	20,400,000	1,700,000[F]	1,700,000[F]	640
	1,4-Dichlorobenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	2,660	119,000	4,000,000	28,000,000	110
	2,2-Dichloropropane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	2-Chlorotoluene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	313,000	20,400,000	--	--	2700
	4-Chlorotoluene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	Benzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1,100 [D]	52,000	160	2,600	5.5 [D]
	Bromobenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	Bromochloromethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	Bromodichloromethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1,030	46,200	32000000[F]	32000000[F]	0.24
	Bromoform	<25.9	<25.9	<25.9	<25.9	<25.9	<25.9	8,090	362,000	10,000	170,000	2
	Bromomethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	21,900	1,430,000	3,800	27,000	4
	Carbon tetrachloride	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	491	22,000	62	1,000	5
	Chlorobenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	313,000	20,400,000	49,000	340,000	150
	Chlorodibromomethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	760	34,100	--	--	24
	Chloroethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	Chloroform	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	10,500	469,000	54	910	2
	Chloromethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	4,910	220,000	410	6,900	1
	cis-1,2-Dichloroethene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	156,000	10,200,000	1,300,000[F]	1,300,000[F]	55
	cis-1,3-Dichloropropene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	Dibromomethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	156,000	10,200,000	2,000,000[F]	2,000,000[F]	210
	Dichlorodifluoromethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	3,130,000	204,000,000	89,000	620,000	21,918
	Diisopropyl ether	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	6,260,000	409,000,000	1,900,000[F]	1,900,000[F]	9200
	Ethylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1,560,000	102,000,000	400,000[F]	400,000[F]	2,900 [D]
	Hexachlorobutadiene	<26.4	<26.4	<26.4	<26.4	<26.4	<26.4	819	36,700	1,500	24,000	120
	Isopropylbenzene (cumene)	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1,560,000	102,000,000	--	860,000[F]	37,000
	Methylene chloride	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	8,520	382,000	2,600	43,000	1.6
	Methyl-tert-butyl-ether	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	10,000,000[F]	--
	Naphthalene	126	<25.0	<25.0	<25.0	<25.0	<25.0	60,000 [E]	4,000,000 [E]	65,000	440,000	400 [E]
	n-Butylbenzene	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	--	--	--	--	--
	n-Propylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	460,000	--
	p-Isopropyltoluene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	sec-Butylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	Styrene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	3,130,000	204,000,000	1,500,000	1,500,000	370
	tert-Butylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	Tetrachloroethene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1,230	55,000	2,000	34,000	4.1
	Toluene	72.5	<25.0	<25.0	<25.0	<25.0	<25.0	1,250,000	81,800,000	670,000[F]	670,000[F]	1,500 [D]
	trans-1,2-Dichloroethene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	313,000	20,400,000	3,200,000[F]	3,200,000[F]	98
	trans-1,3-Dichloropropene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	--	--	--	--	--
	Trichloroethene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	160	7,150	14	230	3.7
	Trichlorofluoromethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	4,690,000	307,000,000	--	1,600,000[F]	29,000
	Vinyl chloride	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	42.6	1,910	53	890	0.13
	Xylenes, total	141.4	<75.0	<75.0	<75.0	<75.0	<75.0	3,130,000	204,000,000	270,000	1,900,000	4,100 [D]

Notes:

VOCs = Volatile Organic Compounds

1.8 = Industrial Direct Contact Exceedance

5300+ = Groundwater Pathway Exceedance

5300++ = Groundwater Pathway & Ind. Direct Contact Exceedance

[1] Standards are for 1,2,4- and 1,3,5-Trimethylbenzene combined.

[3] Standards are for Total PCBs.

-- No Generic RCL or objective established. For volatile inhalation for all compounds other than VOCs, compound not volatile

Generic RCLs not included in Wisconsin Administrative Code or Guidance are calculated from the US EPA Soil Screening Level Web Page and the default values contained in *Determining Residual Contaminant Levels using the EPA Soil Screening Level Web Site* WDNR PUB-RR-682 on May 12, 2006

[A] Parameter exceeds NR 720 Generic RCL for Non-Industrial Direct Contact.

[B] Parameter exceeds NR 720 Generic RCL for Industrial Direct Contact.

[C] Parameter exceeds NR 720 Generic RCL for Groundwater Pathway.

[D] Generic RCL is established under NR 720 or NR 746

[E] Generic RCLs provided in *Soil Cleanup Levels for PAHs Interim Guidance*, WDNR RR-5 1997

[F] Value is soil saturation concentration

Table 1
Soil Analytical Results
Former Allouez Village Hall Property
Allouez, Wisconsin

B6=MW-6, B8=MW-8, etc.

Parameters	Boring No. / Sample No. / Sample Depth (feet)	B6 VH B6 S02	B6 VH B6 S05	B8 VH B8 S02	B8 VH B8 S04A	B9 VH B9 S02	B9 VH B9 S03	WDNR Generic RCLs-Data Quality Objectives: Direct Contact Pathway, Non-Industrial	Direct Contact Pathway, Industrial	Volatile Inhalation, Non-Industrial	Volatile Inhalation, Industrial	Groundwater Pathway
SVOCs (ug/kg)	2,4,5-Trichlorophenol	<36.6	<12.5	<37.1	<13.4	<12.8	<12.7	1560	102,000	--	--	--
	2,4,6-Trichlorophenol	<61.5	<21.0	<62.3	<22.5	<21.5	<21.3	5.81	260	34	560	--
	2,4-Dichlorophenol	<47.5	<16.2	<48.2	<17.4	<16.6	<16.5	46.9	3,070	--	--	--
	2,4-Dimethylphenol	<278	<95.0	<282	<102	<97.3	<96.5	313	20,400	--	--	--
	2,4-Dinitrophenol	<409	<140	<414	<150	<143	<142	31.3	2,040	--	--	--
	2,4-Dinitrotoluene	<43.7	<14.9	<44.3	<16.0	<15.3	<15.2	0.094	4.21	--	--	--
	2,6-Dinitrotoluene	<64.3	<22.0	<65.1	<23.6	<22.5	<22.3	0.094	4.21	--	--	--
	2-Chloronaphthalene	<57.9	<19.8	<58.7	<21.2	<20.3	<20.1	--	--	--	--	--
	2-Chlorophenol	<278	<95.0	<282	<102	<97.3	<96.5	78.2	5,110	54,000[F]	54,000[F]	--
	2-Methylnaphthalene	318J	<21.0	74.5J	<22.5	<21.5	<21.3	62.6	4,090	--	--	--
	2-Methylphenol	<278	<95.0	<282	<102	<97.3	<96.5	782	51,100	--	--	--
	2-Nitroaniline	<40.3	<13.8	<40.8	<14.8	<14.1	<14.0	46.9	3,070	0.49	3.4	--
	2-Nitrophenol	<66.5	<22.7	<67.4	<24.4	<23.3	<23.1	--	--	--	--	--
	3,3-Dichlorobenzidine	<40.3	<13.8	<40.9	<14.8	<14.1	<14.0	0.142	6.36	--	--	--
	3-Nitroaniline	<44.1	<15.1	<44.7	<16.2	<15.4	<15.3	--	--	--	--	--
	4,6-Dinitro-2-methylphenol	<278	<95.0	<282	<102	<97.3	<96.5	--	--	--	--	--
	4-Bromophenyl phenyl ether	<59.0	<20.2	<59.8	<21.6	<20.6	<20.5	--	--	--	--	--
	4-Chloro-3-methylphenol	<56.8	<19.4	<57.6	<20.8	<19.9	<19.7	--	--	--	--	--
	4-Chloroaniline	<278	<95.0	<282	<102	<97.3	<96.5	--	--	--	--	--
	4-Chlorophenyl phenyl ether	<278	<95.0	<282	<102	<97.3	<96.5	--	--	--	--	--
	4-Methylphenol	<58.0	<19.8	<58.8	<21.3	<20.3	<20.1	78.2	5,110	13,000[F]	13,000[F]	--
	4-Nitroaniline	<278	<95.0	<282	<102	<97.3	<96.5	--	--	--	--	--
	4-Nitrophenol	<110	<37.5	<111	<40.2	<38.4	<38.1	--	--	--	--	--
	Acenaphthene	<278	<95.0	<282	<102	<97.3	<96.5	900000[E]	60,000,000[E]	--	--	38000[E]
	Acenaphthylene	<59.7	<20.4	<60.5	<21.9	<20.9	<20.7	18000[E]	350000[E]	--	--	700[E]
	Anthracene	<278	<95.0	<282	<102	<97.3	<96.5	5,000,000[E]	300,000,000[E]	--	--	3000000[E]
	Benzo(a)anthracene	<62.6	<21.4	<63.5	<23.0	26.0J	<21.7	88[E]	3900[E]	--	--	17000[E]
	Benzo(a)pyrene	<67.5	<23.1	<68.4	<24.7	<23.6	<23.4	8.8[E]	390[E]	--	--	48000[E]
	Benzo(b)fluoranthene	<65.7	<22.4	<66.6	<24.1	<23.0	<22.8	88[E]	3900[E]	--	--	350000[E]
	Benzo(g,h,i)perylene	<278	<95.0	<282	<102	<97.3	<96.5	1800[E]	39000[E]	--	--	6,800,000[E]
	Benzo(k)fluoranthene	<87.8	<30.0	<88.9	<32.2	<30.7	<30.5	880[E]	39000[E]	--	--	870000[E]
	bis(2-Chloroethoxy)methane	<67.1	<22.9	<68.0	<24.6	<23.5	<23.3	--	--	--	--	--
	bis(2-Chloroethyl)ether	<278	<95.0	<282	<102	<97.3	<96.5	0.0581	2.6	0.048	0.81	--
	bis(2-Ethylhexyl)phthalate	417J	<38.9	<115	<41.7	<39.8	<39.5	4.56	204	31,000[F]	31,000[F]	--
	Butylbenzylphthalate	<125	<42.8	<127	<45.9	<43.8	<43.5	--	204,000	930[F]	930[F]	--
	Carbazole	<57.4	<19.6	<58.2	<21.0	<20.1	<19.9	--	--	--	--	--
	Chrysene	129J	<27.7	<82.3	<29.7	36.0J	<28.2	8800[E]	390000[E]	--	--	37000[E]
	Dibenzo(a,h)anthracene	<102	<34.8	<103	<37.3	<35.6	<35.4	8.8[E]	3900[E]	--	--	38,000[E]
	Dibenzofuran	<278	<95.0	<282	<102	<97.3	<96.5	62.6	4,090	211[F]	211[F]	--
	Diethylphthalate	<278	<95.0	<282	<102	<97.3	<96.5	12,500	818,000	2,000[F]	2,000[F]	--
	Dimethylphthalate	<58.4	<20.0	<59.2	<21.4	<20.4	<20.3	--	--	--	--	--
	Di-n-butylphthalate	<93.1	<31.8	<94.4	<34.1	<32.6	<32.3	1,560	102,000	2,300[F]	2,300[F]	--
	Di-n-octylphthalate	<60.8	<20.8	<61.6	<22.3	<21.3	<21.1	--	--	--	--	--
	Fluoranthene	175J	<33.6	<99.8	<36.1	46.5J	<34.2	600,000[E]	40,000,000[E]	--	--	500,000[E]
	Fluorene	<28.0	<9.6	<28.4	<10.3	<9.8	<9.7	600,000[E]	40,000,000[E]	--	--	100,000[E]
	Hexachlorobenzene	<32.7	<11.2	<33.1	<12.0	<11.4	<11.4	--	1.79	0.18	3	--
	Hexachlorobutadiene	<71.6	<24.5	<72.5	<26.2	<25.0	<24.8	0.819	36.7	1.5	24	0.12
	Hexachlorocyclopentadiene	<278	<95.0	<282	<102	<97.3	<96.5	93.9	6,130	11	77	--
	Hexachloroethane	<70.4	<24.1	<71.3	<25.8	<24.6	<24.4	4.56	204	10	170	--
	Indeno(1,2,3-cd)pyrene	<74.6	<25.5	<75.6	<27.3	<26.1	<25.9	88	3900	--	--	38000
	Isophorone	<278	<95.0	<282	<102	<97.3	<96.5	--	--	--	--	--
	Naphthalene	407J	<22.2	72.5J	<23.9	<22.8	<22.6	20,000[E]	110,000[E]	--	--	400[E]
	Nitrobenzene	<63.9	<21.8	<64.8	<23.4	<22.3	<22.2	7.82	511	34	240	--
	N-Nitroso-di-n-propylamine	<66.0	<22.5	<66.9	<24.2	<23.1	<22.9	0.00912	0.409	--	--	--
	N-Nitrosodiphenylamine	<76.4	<26.1	<77.4	<28.0	<26.7	<26.5	13	584	--	--	--
	Pentachlorophenol	<278	<95.0	<282	<102	<97.3	<96.5	0.532	24	--	--	--
	Phenanthrene	<278	<95.0	<282	<102	<97.3	<96.5	18,000[E]	390,000[E]	--	--	1800[E]
	Phenol	<66.1	<22.6	<67.0	<24.2	<23.1	<23.0	4,690	307,000	--	--	--
	Pyrene	209J	<46.3	<137	<49.6	53.4J	<47.0	500,000[E]	30,000,000[E]	--	--	8,700,000[E]
PCBs (ug/kg)	Aroclor 1016[3]	<26.3	<26.9	<26.6	<28.9	<27.6	<27.4	--	--	--	--	--
	Aroclor 1221[3]	<26.3	<26.9	<26.6	<28.9	<27.6	<27.4	--	--	--	--	--
	Aroclor 1232[3]	<26.3	<26.9	<26.6	<28.9	<27.6	<27.4	--	--	--	--	--
	Aroclor 1242[3]	<26.3	<26.9	<26.6	<28.9	<27.6	<27.4	--	--	--	--	--
	Aroclor 1248[3]	<26.3	<26.9	<26.6	<28.9	<27.6	<27.4	--	--	--	--	--
	Aroclor 1254[3]	<26.3	<26.9	<26.6	<28.9	<27.6	<27.4	--	--	--	--	--
	Aroclor 1260[3]	<26.3	<26.9	<26.6	<28.9	<27.6	<27.4	--	--	--	--	--
General Chemistry	Cyanide, total (mg/kg)							313	20,400	--	--	8

Notes:

SVOCs = Semi-Volatile Organic Compounds
PCBs = PolyChlorinated Biphenyls
[1] Standards are for 1,2,4- and 1,3,5-Trimethylbenzene combined.
[3] Standards are for Total PCBs.

1.8 = Industrial Direct Contact Exceedance
5300+ = Groundwater Pathway Exceedance

[A] Parameter exceeds NR 720 Generic RCL for Non-Industrial Direct Contact.
[B] Parameter exceeds NR 720 Generic RCL for Industrial Direct Contact.
[C] Parameter exceeds NR 720 Generic RCL for Groundwater Pathway.
[D] Generic RCL is established under NR 720 or NR 746
[E] Generic RCLs provided in *Soil Cleanup Levels for PAHs Interim Guidance*, WDNR RR-5 1997
[F] Value is soil saturation concentration
[G] Arochlor 1260 is the only spike compound for PCBs.

-- No Generic RCL or objective established. For volatile inhalation for all compounds other than VOCs, compound not volatile
Generic RCLs not included in Wisconsin Administrative Code or Guidance are calculated from the US EPA Soil Screening Level Web Page and the default values contained in *Determining Residual Contaminant Levels using the EPA Soil Screening Level Web Site* WDNR PUB-RR-682 on May 12, 2006

Table 1
Soil Analytical Results
Former Allouez Village Hall Property
Allouez, Wisconsin

B11 = MW-11, B12 = MW-12, etc.

Parameters	Boring No. / Sample No. / Sample Depth (feet)	B11 VH B11 S01 0 - 1	B11 VH B11A S01 0 - 1	B11 VH B11B S02 0 - 1	B12 VH B12 S02 2 - 4	B7 VH B7 S05 8 - 10	WDNR Generic RCLs-Data Quality Objectives: Direct Contact Pathway, Non-Industrial	Direct Contact Pathway, Industrial	Volatile Inhalation, Non-Industrial	Volatile Inhalation, Industrial	Groundwater Pathway
Metals (mg/kg)	Arsenic	NA*	NA*	NA*	1.8J ++	3.5 ++	0.039 [D]	1.6 [D]	--	--	0.58
	Barium	NA*	NA*	NA*	8.9	59.3	3,130	2.4×10^5	--	--	3,300
	Cadmium	NA*	NA*	NA*	0.025J	0.25J	8 [D]	510 [D]	--	--	1.5
	Chromium	NA*	NA*	NA*	4.7	20.6	16,000 [D]	1.53×10^6	--	--	360
	Lead	NA*	NA*	NA*	1.7	4.9	50 [D]	500 [D]	--	--	--
	Selenium	NA*	NA*	NA*	<0.26	<0.28	78.2	5,110	--	--	1
	Silver	NA*	NA*	NA*	<0.021	0.078J	78.2	5,110	--	--	1.67
	Mercury	NA*	NA*	NA*	0.012	0.015	--	--	2.9 [F]	2.9 [F]	0.42
VOCs (ug/kg)	1,1,1,2-Tetrachloroethane	NA*	NA*	NA*	<25.0	<25.0	2,460	110,000	1,300	21,000	157
	1,1,1-Trichloroethane	NA*	NA*	NA*	<25.0	<25.0	3,130,000	204,000,000	1,200,000 [F]	1,200,000 [F]	280
	1,1,2,2-Tetrachloroethane	NA*	NA*	NA*	<25.0	<25.0	319	14,300	110	1,900	0.09
	1,1,2-Trichloroethane	NA*	NA*	NA*	<25.0	<25.0	1,120	50,200	190	3,200	1.9
	1,1-Dichloroethane	NA*	NA*	NA*	<25.0	<25.0	3,130,000	204,000,000	490,000	1,800,000 [F]	349
	1,1-Dichloroethene	NA*	NA*	NA*	<25.0	<25.0	782,000	51,100,000	110,000	780,000	10
	1,1-Dichloropropene	NA*	NA*	NA*	<25.0	<25.0	--	--	--	--	--
	1,2,3-Trichlorobenzene	NA*	NA*	NA*	<25.0	<25.0	--	--	67,000	470,000	--
	1,2,3-Trichloropropane	NA*	NA*	NA*	<25.0	<25.0	9.12	409	--	570,000 [F]	76
	1,2,4-Trichlorobenzene	NA*	NA*	NA*	<25.0	<25.0	156,000	10,200,000	--	--	540
	1,2,4-Trimethylbenzene[1]	NA*	NA*	NA*	<25.0	<25.0	782,000	51,100,000	47,000	330,000	7573
	1,2-Dibromo-3-chloropropane	NA*	NA*	NA*	<82.3	<82.3	46	2,040	8,200	57,000	0.1
	1,2-Dibromoethane	NA*	NA*	NA*	<25.0	<25.0	31.9	1,430	0.019	0.33	0.033
	1,2-Dichlorobenzene	NA*	NA*	NA*	<44.4	<44.4	1,410,000	92,000,000	600,000 [F]	600,000 [F]	1,800
	1,2-Dichloroethane	NA*	NA*	NA*	<25.0	<25.0	702 [D]	31,400	73	1,200	4.9 [D]
	1,2-Dichloropropane	NA*	NA*	NA*	<25.0	<25.0	939	42,100	5,800	40,000	1.9
	1,3,5-Trimethylbenzene[1]	NA*	NA*	NA*	<25.0	<25.0	782,000	51,100,000	27,000	190,000	3520
	1,3-Dichlorobenzene	NA*	NA*	NA*	<25.0	<25.0	--	--	--	--	--
	1,3-Dichloropropane	NA*	NA*	NA*	<25.0	<25.0	313,000	20,400,000	1,700,000 [F]	1,700,000 [F]	640
	1,4-Dichlorobenzene	NA*	NA*	NA*	<25.0	<25.0	2,660	119,000	4,000,000	28,000,000	110
	2,2-Dichloropropane	NA*	NA*	NA*	<25.0	<25.0	--	--	--	--	--
	2-Chlorotoluene	NA*	NA*	NA*	<25.0	<25.0	313,000	20,400,000	--	--	2700
	4-Chlorotoluene	NA*	NA*	NA*	<25.0	<25.0	--	--	--	--	--
	Benzene	NA*	NA*	NA*	<25.0	<25.0	1,100 [D]	52,000	160	2,600	5.5 [D]
	Bromobenzene	NA*	NA*	NA*	<25.0	<25.0	--	--	--	--	--
	Bromochloromethane	NA*	NA*	NA*	<25.0	<25.0	--	--	--	--	--
	Bromodichloromethane	NA*	NA*	NA*	<25.0	<25.0	1,030	46,200	32000000 [F]	32000000 [F]	0.24
	Bromoform	NA*	NA*	NA*	<25.9	<25.9	8,090	362,000	10,000	170,000	2
	Bromomethane	NA*	NA*	NA*	<25.0	<25.0	21,900	1,430,000	3,800	27,000	4
	Carbon tetrachloride	NA*	NA*	NA*	<25.0	<25.0	491	22,000	62	1,000	5
	Chlorobenzene	NA*	NA*	NA*	<25.0	<25.0	313,000	20,400,000	49,000	340,000	150
	Chlorodibromomethane	NA*	NA*	NA*	<25.0	<25.0	760	34,100	--	--	24
	Chloroethane	NA*	NA*	NA*	<25.0	<25.0	--	--	--	--	--
	Chloroform	NA*	NA*	NA*	<25.0	<25.0	10,500	469,000	54	910	2
	Chloromethane	NA*	NA*	NA*	<25.0	<25.0	4,910	220,000	410	6,900	1
	cis-1,2-Dichloroethene	NA*	NA*	NA*	<25.0	<25.0	156,000	10,200,000	1,300,000 [F]	1,300,000 [F]	55
	cis-1,3-Dichloropropene	NA*	NA*	NA*	<25.0	<25.0	--	--	--	--	--
	Dibromomethane	NA*	NA*	NA*	<25.0	<25.0	156,000	10,200,000	2,000,000 [F]	2,000,000 [F]	210
	Dichlorodifluoromethane	NA*	NA*	NA*	<25.0	<25.0	3,130,000	204,000,000	89,000	620,000	21,918
	Diisopropyl ether	NA*	NA*	NA*	<25.0	<25.0	6,260,000	409,000,000	1,900,000 [F]	1,900,000 [F]	9200
	Ethylbenzene	NA*	NA*	NA*	<25.0	<25.0	1,560,000	102,000,000	400,000 [F]	400,000 [F]	2,900 [D]
	Hexachlorobutadiene	NA*	NA*	NA*	<26.4	<26.4	819	36,700	1,500	24,000	120
	Isopropylbenzene (cumene)	NA*	NA*	NA*	<25.0	<25.0	1,560,000	102,000,000	--	860,000 [F]	37,000
	Methylene chloride	NA*	NA*	NA*	<25.0	<25.0	8,520	382,000	2,600	43,000	1.6
	Methyl-tert-butyl-ether	NA*	NA*	NA*	<25.0	<25.0	--	--	--	10,000,000 [F]	--
	Naphthalene	NA*	NA*	NA*	<25.0	<25.0	60,000 [E]	4,000,000 [E]	65,000	440,000	400 [E]
	n-Butylbenzene	NA*	NA*	NA*	<40.4	<40.4	--	--	--	--	--
	n-Propylbenzene	NA*	NA*	NA*	<25.0	<25.0	--	--	--	460,000	--
	p-Isopropyltoluene	NA*	NA*	NA*	<25.0	<25.0	--	--	--	--	--
	sec-Butylbenzene	NA*	NA*	NA*	<25.0	<25.0	--	--	--	--	--
	Styrene	NA*	NA*	NA*	<25.0	<25.0	3,130,000	204,000,000	1,500,000	1,500,000	370
	tert-Butylbenzene	NA*	NA*	NA*	<25.0	<25.0	--	--	--	--	--
	Tetrachloroethene	NA*	NA*	NA*	<25.0	<25.0	1,230	55,000	2,000	34,000	4.1
	Toluene	NA*	NA*	NA*	<25.0	<25.0	1,250,000	81,800,000	670,000 [F]	670,000 [F]	1,500 [D]
	trans-1,2-Dichloroethene	NA*	NA*	NA*	<25.0	<25.0	313,000	20,400,000	3,200,000 [F]	3,200,000 [F]	98
	trans-1,3-Dichloropropene	NA*	NA*	NA*	<25.0	<25.0	--	--	--	--	--
	Trichloroethene	NA*	NA*	NA*	<25.0	<25.0	160	7,150	14	230	3.7
	Trichlorofluoromethane	NA*	NA*	NA*	<25.0	<25.0	4,690,000	307,000,000	--	1,600,000 [F]	29,000
	Vinyl chloride	NA*	NA*	NA*	<25.0	<25.0	42.6	1,910	53	890	0.13
	Xylenes, total	NA*	NA*	NA*	<75.0	<75.0	3,130,000	204,000,000	270,000	1,900,000	4,100 [D]

Notes:

VOCs = Volatile Organic Compounds

1.8 = Industrial Direct Contact Exceedance

5300+ = Groundwater Pathway Exceedance

5300++ = Groundwater Pathway & Ind. Direct Contact Exceedance

[1] Standards are for 1,2,4- and 1,3,5-Trimethylbenzene combined.

[a] Standards are for Total PCBs.

[A] Parameter exceeds NR 720 Generic RCL for Non-Industrial Direct Contact.

[B] Parameter exceeds NR 720 Generic RCL for Industrial Direct Contact.

[C] Parameter exceeds NR 720 Generic RCL for Groundwater Pathway.

[D] Generic RCL is established under NR 720 or NR 746

[E] Generic RCLs provided in *Soil Cleanup Levels for PAHs Interim Guidance*, WDNR RR-5 1997

[F] Value is soil saturation concentration

-- No Generic RCL or objective established. For volatile inhalation for all compounds other than VOCs, compound not volatile

Generic RCLs not included in Wisconsin Administrative Code or Guidance are calculated from the US EPA Soil Screening Level Web Page and the default values contained in *Determining Residual Contaminant Levels using the EPA Soil Screening Level Web Site* WDNR PUB-RR-682 on May 12, 2006

Table 1
Soil Analytical Results
Former Allouez Village Hall Property
Allouez, Wisconsin

B11 = MW-11, B12 = MW-12, etc.

Parameters	Boring No. / Sample No. / Sample Depth (feet)	B11 / VH B11 S01 / 0 - 1	B11 / VH B11A S01 / 0 - 1	B11 / VH B11B S02 / 0 - 1	B12 / VH B12 S02 / 2 - 4	B7 / VH B7 S05 / 8 - 10	WDNR Generic RCLs-Data Quality Objectives: Direct Contact Pathway, Non-Industrial	Direct Contact Pathway, Industrial	Volatile Inhalation, Non-Industrial	Volatile Inhalation, Industrial	Groundwater Pathway
SVOCs (ug/kg)	2,4,5-Trichlorophenol	NA*	NA*	NA*	<12.6	<13.0	1560	102,000	--	--	--
	2,4,6-Trichlorophenol	NA*	NA*	NA*	<21.1	<21.9	5.81	260	34	560	--
	2,4-Dichlorophenol	NA*	NA*	NA*	<16.3	<16.9	46.9	3,070	--	--	--
	2,4-Dimethylphenol	NA*	NA*	NA*	<95.6	<98.9	313	20,400	--	--	--
	2,4-Dinitrophenol	NA*	NA*	NA*	<140	<145	31.3	2,040	--	--	--
	2,4-Dinitrotoluene	NA*	NA*	NA*	<15.0	<15.5	0.094	4.21	--	--	--
	2,6-Dinitrotoluene	NA*	NA*	NA*	<22.1	<22.9	0.094	4.21	--	--	--
	2-Chloronaphthalene	NA*	NA*	NA*	<19.9	<20.6	--	--	--	--	--
	2-Chlorophenol	NA*	NA*	NA*	<95.6	<98.9	78.2	5,110	54,000[F]	54,000[F]	--
	2-Methylnaphthalene	NA*	NA*	NA*	<21.1	<21.8	62.6	4,090	--	--	--
	2-Methylphenol	NA*	NA*	NA*	<95.6	<98.9	782	51,100	--	--	--
	2-Nitroaniline	NA*	NA*	NA*	<13.9	<14.3	46.9	3,070	0.49	3.4	--
	2-Nitrophenol	NA*	NA*	NA*	<22.9	<23.7	--	--	--	--	--
	3,3-Dichlorobenzidine	NA*	NA*	NA*	<13.9	<14.3	0.142	6.36	--	--	--
	3-Nitroaniline	NA*	NA*	NA*	<15.1	<15.7	--	--	--	--	--
	4,6-Dinitro-2-methylphenol	NA*	NA*	NA*	<95.6	<98.9	--	--	--	--	--
	4-Bromophenyl phenyl ether	NA*	NA*	NA*	<20.3	<21.0	--	--	--	--	--
	4-Chloro-3-methylphenol	NA*	NA*	NA*	<19.5	<20.2	--	--	--	--	--
	4-Chloroaniline	NA*	NA*	NA*	<95.6	<98.9	--	--	--	--	--
	4-Chlorophenyl phenyl ether	NA*	NA*	NA*	<95.6	<98.9	--	--	--	--	--
	4-Methylphenol	NA*	NA*	NA*	<19.9	<20.6	78.2	5,110	13,000[F]	13,000[F]	--
	4-Nitroaniline	NA*	NA*	NA*	<95.6	<98.9	--	--	--	--	--
	4-Nitrophenol	NA*	NA*	NA*	<37.7	<39.0	--	--	--	--	--
	Acenaphthene	NA*	NA*	NA*	<95.6	<98.9	900000[E]	60,000,000[E]	--	--	38000[E]
	Acenaphthylene	NA*	NA*	NA*	<20.5	<21.2	18000[E]	350000[E]	--	--	700[E]
	Anthracene	NA*	NA*	NA*	<95.6	<98.9	5,000,000[E]	300,000,000[E]	--	--	3000000[E]
	Benzo(a)anthracene	NA*	NA*	NA*	<21.5	<22.3	88[E]	3900[E]	--	--	17000[E]
	Benzo(a)pyrene	NA*	NA*	NA*	<23.2	<24.0	8.8[E]	390[E]	--	--	48000[E]
	Benzo(b)fluoranthene	NA*	NA*	NA*	<22.6	<23.4	88[E]	3900[E]	--	--	350000[E]
	Benzo(g,h,i)perylene	NA*	NA*	NA*	<95.6	<98.9	1800[E]	39000[E]	--	--	6,800,000[E]
	Benzo(k)fluoranthene	NA*	NA*	NA*	<30.2	<31.2	880[E]	39000[E]	--	--	870000[E]
	bis(2-Chloroethoxy)methane	NA*	NA*	NA*	<23.1	<23.9	--	--	--	--	--
	bis(2-Chloroethyl)ether	NA*	NA*	NA*	<95.6	<98.9	0.0581	2.6	0.048	0.81	--
	bis(2-Ethylhexyl)phthalate	NA*	NA*	NA*	<39.1	<40.5	4.56	204	31,000[F]	31,000[F]	--
	Butylbenzylphthalate	NA*	NA*	NA*	<43.1	<44.6	--	204,000	930[F]	930[F]	--
	Carbazole	NA*	NA*	NA*	<19.7	<20.4	--	--	--	--	--
	Chrysene	NA*	NA*	NA*	<27.9	<28.9	8800[E]	390000[E]	--	--	37000[E]
	Dibenzo(a,h)anthracene	NA*	NA*	NA*	<35.0	<36.2	8.8[E]	3900[E]	--	--	38,000[E]
	Dibenzofuran	NA*	NA*	NA*	<95.6	<98.9	62.6	4,090	211[F]	211[F]	--
	Diethylphthalate	NA*	NA*	NA*	<95.6	<98.9	12,500	818,000	2,000[F]	2,000[F]	--
	Dimethylphthalate	NA*	NA*	NA*	<20.1	<20.8	--	--	--	--	--
	Di-n-butylphthalate	NA*	NA*	NA*	<32.0	<33.1	1,560	102,000	2,300[F]	2,300[F]	--
	Di-n-octylphthalate	NA*	NA*	NA*	<20.9	<21.6	--	--	--	--	--
	Fluoranthene	NA*	NA*	NA*	<33.8	<35.0	600,000[E]	40,000,000[E]	--	--	500,000[E]
	Fluorene	NA*	NA*	NA*	<9.6	<10.0	600,000[E]	40,000,000[E]	--	--	100,000[E]
	Hexachlorobenzene	NA*	NA*	NA*	<11.2	<11.6	--	1.79	0.18	3	--
	Hexachlorobutadiene	NA*	NA*	NA*			0.819	36.7	1.5	24	0.12
	Hexachlorocyclopentadiene	NA*	NA*	NA*	<95.6	<98.9	93.9	6,130	11	77	--
	Hexachloroethane	NA*	NA*	NA*	<24.2	<25.0	4.56	204	10	170	--
	Indeno(1,2,3-cd)pyrene	NA*	NA*	NA*	<25.6	<26.5	88	3900	--	--	38000
	Isophorone	NA*	NA*	NA*	<95.6	<98.9	--	--	--	--	--
	Naphthalene	NA*	NA*	NA*	<22.4	<23.1	20,000[E]	110,000[E]	--	--	400[E]
	Nitrobenzene	NA*	NA*	NA*	<22.0	<22.7	7.82	511	34	240	--
	N-Nitroso-di-n-propylamine	NA*	NA*	NA*	<22.7	<23.5	0.00912	0.409	--	--	--
	N-Nitrosodiphenylamine	NA*	NA*	NA*	<26.3	<27.2	13	584	--	--	--
	Pentachlorophenol	NA*	NA*	NA*	<95.6	<98.9	0.532	24	--	--	--
	Phenanthrene	NA*	NA*	NA*	<95.6	<98.9	18,000[E]	390,000[E]	--	--	1800[E]
	Phenol	NA*	NA*	NA*	<22.7	<23.5	4,690	307,000	--	--	--
	Pyrene	NA*	NA*	NA*	<46.5	<48.2	500,000[E]	30,000,000[E]	--	--	8,700,000[E]
PCBs (ug/kg)	Aroclor 1016[3]	NA*	NA*	NA*	NA*	<28.0	--	--	--	--	--
	Aroclor 1221[3]	NA*	NA*	NA*	NA*	<28.0	--	--	--	--	--
	Aroclor 1232[3]	NA*	NA*	NA*	NA*	<28.0	--	--	--	--	--
	Aroclor 1242[3]	NA*	NA*	NA*	NA*	67.2J	--	--	--	--	--
	Aroclor 1248[3]	NA*	NA*	NA*	NA*	<28.0	--	--	--	--	--
	Aroclor 1254[3]	NA*	NA*	NA*	NA*	<28.0	--	--	--	--	--
	Aroclor 1260[3]	NA*	NA*	NA*	NA*	<28.0	--	--	--	--	--
General Chemistry	Cyanide, total (mg/kg)	0.85	7.0	0.16J	NA*	NA*	313	20,400	--	--	8
	Chloride, total (mg/kg)	35.7J	27.7J	25.7J	NA*	NA*	--	--	--	--	--

Notes:

SVOCs = Semi-Volatile Organic Compounds
PCBs = PolyChlorinated Biphenyls
[1] Standards are for 1,2,4- and 1,3,5-Trimethylbenzene combined.
[3] Standards are for Total PCBs.

1.8 = Industrial Direct Contact Exceedance
5300+ = Groundwater Pathway Exceedance

[A] Parameter exceeds NR 720 Generic RCL for Non-Industrial Direct Contact.
[B] Parameter exceeds NR 720 Generic RCL for Industrial Direct Contact.
[C] Parameter exceeds NR 720 Generic RCL for Groundwater Pathway.
[D] Generic RCL is established under NR 720 or NR 746
[E] Generic RCLs provided in *Soil Cleanup Levels for PAHs Interim Guidance*, WDNR RR-5 1997
[F] Value is soil saturation concentration
[G] Arochlor 1260 is the only spike compound for PCBs.

-- No Generic RCL or objective established. For volatile inhalation for all compounds other than VOCs, compound not volatile
Generic RCLs not included in Wisconsin Administrative Code or Guidance are calculated from the US EPA Soil Screening Level Web Page and the default values contained in *Determining Residual Contaminant Levels using the EPA Soil Screening Level Web Site* WDNR PUB-RR-682 on May 12, 2006

Table 1
Soil Analytical Results
Former Allouez Village Hall Property
Allouez, Wisconsin

Sample No.	VH B5 S02	VH B6 S02	WDNR Generic RCLs-Data Quality Objectives				
Depth	MW-5	MW-6	Direct Contact Pathway		Volatile Inhalation		Groundwater
Parameters			Non-Industrial	Industrial	Non-Industrial	Industrial	Pathway
Pesticides (ug/kg)							
2,4'-DDD	<0.67	<0.66	266	1,190	--	--	--
2,4'-DDE	<0.68	<0.66	188	8,420	--	--	--
2,4'-DDT	<0.66	<0.64	188	8,420	120,000	2,000,000	--
4,4'-DDD	<1.7	<1.7	--	--	--	--	--
4,4'-DDE	<1.1	<1.1	--	--	--	--	--
4,4'-DDT	2.3J	2.4J	--	--	--	--	--
Aldrin	<0.51	<0.50	3.76	168	630	11,000	--
alpha-BHC	<0.93	<0.91	--	--	--	--	--
alpha-Chlordane	<0.71	<0.69	--	--	--	--	--
beta-BHC	<1.3	<1.3	--	--	--	--	--
Chlordane (Technical)	<14.5	<14.1	182	8,180	13,000	220,000	480
delta-BHC	<0.72	<0.71	--	--	--	--	--
Dieldrin	<1.3	<1.3	3.99	179	190	3,200	--
Endosulfan I	<0.50	<0.49	93,900	6,130,000	--	--	--
Endosulfan II	<1.4	<1.4	--	--	--	--	--
Endosulfan sulfate	<0.94	<0.92	--	--	--	--	--
Endrin	<1.1	<1.1	4,690	307,000	--	--	99
Endrin aldehyde	<2.5	<2.4	--	--	--	--	--
Endrin ketone	6.7	<1.5	--	--	--	--	--
gamma-BHC (Lindane)	<0.53	<0.52	--	--	--	--	--
gamma-Chlordane	<0.65	<0.63	--	--	--	--	--
Heptachlor	<0.61	<0.59	14.2	636	780	13,000	1,100
Heptachlor epoxide	<0.51	<0.50	7.02	314	770	13,000	33
Methoxychlor	<5.7	<5.6	78,200	5,110,000	--	--	16,000
Toxaphene	57.4J	<25.1	58.1	2,600	13,000	220,000	1,000

Notes:

-- No Generic RCL or objective established.

Generic RCLs not included in Wisconsin Administrative Code or Guidance are calculated from the US EPA Soil Screening Level Web Page and the default values contained in *Determining Residual Contaminant Levels using the EPA Soil Screening Level Web Site* WDNR PUB-RR-682 on May 12, 2006

Table 3 page 1
Groundwater Analytical Results
Former Allo Hall Property
All nsin

Parameters	NR 140 Standards ES	NR 140 Standards PAL	Federal MCL/MCLG	VHB1W111209 11/12/2009 MW-1	VHB1D111209 11/12/2009 (Duplicate of B1) MW-1	VHB2W111209 11/12/2009 MW-2	VHB3W111609 11/16/2009 MW-3	VHB4W111209 11/12/2009 MW-4	VHB5W111209 11/12/2009 MW-5	VHB6W111209 11/12/2009 MW-6	VHB8W111209 11/12/2009 MW-8	VHB9W111209 11/12/2009 MW-9	VHB10W111209 11/12/2009 MW-10	VHB11W111209 11/12/2009 MW-11	VHB12W111209 11/12/2009 MW-12
Metals (ug/L)															
Arsenic, Dissolved	10	1	10	6.8J	6.4J	7.3J	3.6J	9.7J	11.1J	7.6J	9.9J	3.4J	14.6J	12.9J	4.3J
Barium, Dissolved	2000	400	2,000	70.0	66.3	368	220	87.9	54.6	33.4	127	290	167	84.7	89.6
Cadmium, Dissolved	5	0.5	5	<0.45	<0.45	<0.45	<0.45	<0.45	0.65J	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Chromium, Dissolved	100	10	100	<0.39	<0.39	<0.39	<0.39	<0.39	0.71J	1.3J	<0.39	<0.39	<0.39	<0.39	1.4J
Lead, Dissolved	15	1.5	15	4.1J	3.8J	7.4J	<1.3	2.7J	4.2J	3.9J	3.6J	2.3J	4.1J	2.8J	3.7J
Selenium, Dissolved	50	10	50	<2.5	2.6J	<2.5	<2.5	12.8J	29.1	61.1	20.9	<2.5	<2.5	<2.5	5.5J
Silver, Dissolved	50	10	100[5]	1.1J	<0.47	<0.47	0.83J	<0.47	1.5J	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
Mercury, Dissolved	2	0.2	2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
VOCs (ug/L)															
1,1,1,2-Tetrachloroethane	70	7	--	<46.0	<184	<115	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<184	<0.92	<0.92
1,1,1-Trichloroethane	200	40	200	<45.0	<180	<112	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<180	<0.90	<0.90
1,1,2,2-Tetrachloroethane	0.2	0.02	--	<10.0	<40.0	<25.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<40.0	<0.20	<0.20
1,1,2-Trichloroethane	5	0.5	5	<21.0	<84.0	<52.5	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<84.0	<0.42	<0.42
1,1-Dichloroethane	850	85	--	<37.5	<150	<93.8	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<150	<0.75	<0.75
1,1-Dichloroethene	7	0.7	7	<28.5	<114	<71.2	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<114	<0.57	<0.57
1,1-Dichloropropene	--	--	--	<37.5	<150	<93.8	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<150	<0.75	<0.75
1,2,3-Trichlorobenzene	--	--	--	<37.0	<148	<92.5	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<148	<0.74	<0.74
1,2,3-Trichloropropane	60	12	--	<49.5	<198	<124	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<198	<0.99	<0.99
1,2,4-Trichlorobenzene	70	14	--	<48.5	<194	<121	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<194	<0.97	<0.97
1,2,4-Trimethylbenzene[1]	480	96	--	1610	1160	293	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	3090	<0.97	<0.97
1,2-Dibromo-3-chloropropane	0.2	0.02	0.2	<84.0	<336	<210	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<336	<1.7	<1.7
1,2-Dibromoethane	0.05	0.005	0.05	<28.0	<112	<70.0	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<112	<0.56	<0.56
1,2-Dichlorobenzene	600	60	600	<41.5	<166	<104	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<166	<0.83	<0.83
1,2-Dichloroethane	5	0.5	5	<18.0	<72.0	<45.0	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<72.0	<0.36	<0.36
1,2-Dichloropropane	5	0.5	5	<24.5	<98.0	<61.2	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<98.0	<0.49	<0.49
1,3,5-Trimethylbenzene[1]	480	96	--	412	287	<104	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	736	<0.83	<0.83
1,3-Dichlorobenzene	1250	125	--	<43.5	<174	<109	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<174	<0.87	<0.87
1,3-Dichloropropane	--	--	--	<30.5	<122	<76.2	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<122	<0.61	<0.61
1,4-Dichlorobenzene	75	15	75	<47.5	<190	<119	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<190	<0.95	<0.95
2,2-Dichloropropane	--	--	--	<31.0	<124	<77.5	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<124	<0.62	<0.62
2-Chlorotoluene	--	--	--	<42.5	<170	<106	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<170	<0.85	<0.85
4-Chlorotoluene	--	--	--	<37.0	<148	<92.5	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<148	<0.74	<0.74
Benzene	5	0.5	5	2400	2790	3930	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	4980	<0.41	<0.41
Bromobenzene	--	--	--	<41.0	<164	<102	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<164	<0.82	<0.82
Bromochloromethane	--	--	--	<48.5	<194	<121	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<194	<0.97	<0.97
Bromodichloromethane	0.6	0.06	--	<28.0	<112	<70.0	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<112	<0.56	<0.56
Bromoform	4.4	0.44	--	<47.0	<188	<118	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<188	<0.94	<0.94
Bromomethane	10	1	--	<45.5	<182	<114	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<182	<0.91	<0.91
Carbon tetrachloride	5	0.5	5	<24.5	<98.0	<61.2	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<98.0	<0.49	<0.49
Chlorobenzene	100	20	100	<20.5	<82.0	<51.2	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<82.0	<0.41	<0.41
Chlorodibromomethane	60	6	--	<40.5	<162	<101	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<162	<0.81	<0.81
Chloroethane	400	80	--	<48.5	<194	<121	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<194	<0.97	<0.97
Chloroform	6	0.6	--	<65.0	<260	<162	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<260	<1.3	<1.3
Chloromethane	3	0.3	--	<12.0	<48.0	<30.0	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<48.0	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	70	<41.5	<166	<104	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<166	<0.83	<0.83
cis-1,3-Dichloropropene[4]	0.2	0.02	--	<10.0	<40.0	<25.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<40.0	<0.20	<0.20
Dibromomethane	--	--	--	<30.0	<120	<75.0	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<120	<0.60	<0.60
Dichlorodifluoromethane	1000	200	--	<49.5	<198	<124	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<198	<0.99	<0.99
Diisopropyl ether	--	--	--	<38.0	<152	<95.0	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<152	<0.76	<0.76
Ethylbenzene	700	140	700	1740	1570	1280	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	2660	<0.54	<0.54
Fluorotrichloromethane	3490	698	--	<39.5	<158	<98.8	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<158	<0.79	<0.79
Hexachlorobutadiene	--	--	--	<33.5	<134	<83.8	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<134	<0.67	<0.67
Isopropylbenzene	--	--	--	49.9J	<118	<73.8	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<118	<0.59	<0.59
Methylene chloride	5	0.5	--	<21.5	343	236	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	289	<0.43	<0.43
Methyl-tert-butyl-ether	60	12	--	<30.5	<122	92.4J	<0.61	0.64J	2.2	2.3	<0.61	<0.61	<122	1.4	<0.61
Naphthalene	100	10	--	409	334J	318J	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	617J	<0.89	<0.89
n-Butylbenzene	--	--	--	<46.5	<186	<116	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<186	<0.93	<0.93
n-Propylbenzene	--	--	--	189	<162	<101	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	356	<0.81	<0.81
p-Isopropyltoluene	--	--	--	<33.5	<134	<83.8	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<134	<0.67	<0.67
sec-Butylbenzene	--	--	--	<44.5	<178	<111	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<178	<0.89	<0.89
Styrene	100	10	100	<43.0	<172	<108	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<172	<0.86	<0.86
tert-Butylbenzene	--	--	--	<48.5	<194	<121	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<194	<0.97	<0.97
Tetrachloroethene	5	0.5	5	<22.5	<90.0	<56.2	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<90.0	<0.45	<0.45
Toluene	1000	200	1000	13900	17000	14900	<0.67	<0.67	0.91J	<0.67	<0.67	<0.67	11700	<0.67	<0.67
trans-1,2-Dichloroethene	100	20	100	<44.5	<178	<111	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<178	<0.89	<0.89
trans-1,3-Dichloropropene[4]	0.2	0.02	--	<9.5	<38.0	<23.8	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<38.0	<0.19	<0.19
Trichloroethene	5	0.5	5	<24.0	<96.0	<60.0	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<96.0	<0.48	<0.48
Vinyl chloride	0.2	0.02	2	<9.0	<36.0	<22.5	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<36.0	<0.18	<0.18
Xylene, -o[2]	10,000	1000	10	2600	2400	1440	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	2370	<0.83	<0.83
Xylenes, -m & -p[2]	10,000	1000	10	5920	5790	3600	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	8120	<1.8	<1.8

Notes:
VOCs = Volatile Organic Compounds
MCL/MCLG = Maximum Contaminant Level/Maximum Contaminant Level Goal - National Primary Drinking Water Standards-Federal
[1] Standards are for 1,2,4- and 1,3,5-Trimethylbenzene combined.
[2] Standards are for Total Xylenes (-m, -p and -o).
[4] Standards are for cis and trans 1,3-dichloropropene.
[5] Standard is a national Secondary Drinking Water Standard
-- No NR 140 ES or PAL established.
NR 140 Enforment Standard Exceedance
NR 140 Preventive Action Limit Exceedance

Table 3, page 2
Groundwa[illegible]tical Results
Former Allo[illegible] Hall Property
Allo[illegible] [illegible]onsin

Parameters	NR 140 Standards ES	NR 140 Standards PAL	Federal MCL/MCLG	VHB1W111209 11/12/2009	VHB1D111209 11/12/2009 (Duplicate of B1)	VHB2W111209 11/12/2009	VHB3W111609 11/16/2009	VHB4W111209 11/12/2009	VHB5W111209 11/12/2009	VHB6W111209 11/12/2009	VHB8W111209 11/12/2009	VHB9W111209 11/12/2009	VHB10W111209 11/12/2009	VHB11W111209 11/12/2009	VHB12W111209 11/12/2009
				MW-1	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-8	MW-9	MW-10	MW-11	MW-12
SVOCs (ug/L)															
2,2'-oxybis(1-Chloropropane)	--	--	--	<15.5	<16.3	<4.0	<0.78	<0.78	<0.78	<0.81	<0.78	<0.81	<16.3	<0.81	<0.78
2,4,5-Trichlorophenol	--	--	--	<18.8	<19.8	<4.9	<0.95	<0.95	<0.95	<0.98	<0.95	<0.99	<19.8	<0.99	<0.95
2,4,6-Trichlorophenol	--	--	--	<20.2	<21.2	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<21.2	<1.1	<1.0
2,4-Dichlorophenol	--	--	--	<21.6	<22.7	<5.6	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<22.7	<1.1	<1.1
2,4-Dimethylphenol	--	--	--	<21.3	<22.3	116	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<22.3	<1.1	<1.1
2,4-Dinitrophenol	--	--	--	<38.8	<40.7	<10.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<40.7	<2.0	<2.0
2,4-Dinitrotoluene	0.05	0.005	--	<15.2	<15.9	<3.9	<0.77	<0.77	<0.77	<0.79	<0.77	<0.80	<15.9	<0.80	<0.77
2,6-Dinitrotoluene	0.05	0.005	--	<20.3	<21.3	<5.3	<1.0	<1.0	<1.0	<1.1	<1.0	<1.1	<21.3	<1.1	<1.0
2-Chloronaphthalene	--	--	--	<15.9	<16.7	<4.1	<0.80	<0.80	<0.80	<0.83	<0.80	<0.83	<16.7	<0.83	<0.80
2-Chlorophenol	--	--	--	<13.2	<13.9	<3.4	<0.67	<0.67	<0.67	<0.69	<0.67	<0.69	<13.9	<0.69	<0.67
2-Methylnaphthalene	--	--	--	142	149	31.8	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	186	<1.3	<1.3
2-Methylphenol	--	--	--	<18.4	<19.3	98.8	<0.93	<0.93	<0.93	<0.95	<0.93	<0.96	<19.3	<0.96	<0.93
2-Nitroaniline	--	--	--	<15.8	<16.6	<4.1	<0.80	<0.80	<0.80	<0.82	<0.80	<0.83	<16.6	<0.83	<0.80
2-Nitrophenol	--	--	--	<25.7	<27.0	<6.7	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<27.0	<1.3	<1.3
3,3-Dichlorobenzidine	--	--	--	<21.0	<22.0	<5.4	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<22.0	<1.1	<1.1
3-Nitroaniline	--	--	--	<18.2	<19.1	<4.7	<0.92	<0.92	<0.92	<0.95	<0.92	<0.96	<19.1	<0.96	<0.92
4,6-Dinitro-2-methylphenol	--	--	--	<14.1	<14.8	<3.7	<0.71	<0.71	<0.71	<0.73	<0.71	<0.74	<14.8	<0.74	<0.71
4-Bromophenyl phenyl ether	--	--	--	<24.5	<25.8	<6.4	<1.2	<1.2	<1.2	<1.3	<1.2	<1.3	<25.8	<1.3	<1.2
4-Chloro-3-methylphenol	--	--	--	<19.0	<20.0	<4.9	<0.96	<0.96	<0.96	<0.99	<0.96	<1.0	<20.0	<1.0	<0.96
4-Chloroaniline	--	--	--	<15.3	<16.0	<4.0	<0.77	<0.77	<0.77	<0.79	<0.77	<0.80	<16.0	<0.80	<0.77
4-Chlorophenyl phenyl ether	--	--	--	<22.4	<23.5	<5.8	<1.1	<1.1	<1.1	<1.2	<1.1	<1.2	<23.5	<1.2	<1.1
4-Methylphenol	--	--	--	<14.5	<15.2	103	<0.73	<0.73	<0.73	<0.75	<0.73	<0.76	15.8J	<0.76	<0.73
4-Nitroaniline	--	--	--	<20.7	<21.8	<5.4	<1.0	<1.0	<1.0	<1.1	<1.0	<1.1	<21.8	<1.1	<1.0
4-Nitrophenol	--	--	--	<16.5	<17.3	<4.3	<0.83	<0.83	<0.83	<0.86	<0.83	<0.87	<17.3	<0.87	<0.83
Acenaphthene	--	--	--	<18.0	<18.9	<4.7	<0.91	<0.91	<0.91	<0.93	<0.91	<0.94	<18.9	<0.94	<0.91
Acenaphthylene	--	--	--	<18.8	<19.7	<4.9	<0.95	<0.95	<0.95	<0.98	<0.95	<0.99	<19.7	<0.99	<0.95
Anthracene	3000	600	--	<11.8	<12.4	<3.1	<0.60	<0.60	<0.60	<0.61	<0.60	<0.62	<12.4	<0.62	<0.60
Benzo(a)anthracene	--	--	--	<11.6	<12.1	<3.0	<0.58	<0.58	<0.58	<0.60	<0.58	<0.61	<12.1	<0.61	<0.58
Benzo(a)pyrene	0.2	0.02	0.2	<18.3	<19.2	<4.7	<0.92	<0.92	<0.92	<0.95	<0.92	<0.96	<19.2	<0.96	<0.92
Benzo(b)fluoranthene	0.2	0.02	--	<27.2	<28.6	<7.1	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<28.6	<1.4	<1.4
Benzo(g,h,i)perylene	--	--	--	<14.5	<15.3	<3.8	<0.73	<0.73	<0.73	<0.76	<0.73	<0.76	<15.3	<0.76	<0.73
Benzo(k)fluoranthene	--	--	--	<19.3	<20.3	<5.0	<0.98	<0.98	<0.98	<1.0	<0.98	<1.0	<20.3	<1.0	<0.98
bis(2-Chloroethoxy)methane	--	--	--	<22.5	<23.6	<5.9	<1.1	<1.1	<1.1	<1.2	<1.1	<1.2	<23.6	<1.2	<1.1
bis(2-Chloroethyl)ether	--	--	--	<12.4	<13.0	<3.2	<0.63	<0.63	<0.63	<0.65	<0.63	<0.65	<13.0	<0.65	<0.63
bis(2-Ethylhexyl)phthalate	6	0.6	6	<49.0	<51.4	<12.7	<2.5	<2.5	<2.5	<2.5	<2.5	<2.6	<51.4	<2.6	<2.5
Butylbenzylphthalate	--	--	--	<20.5	<21.5	<5.3	<1.0	<1.0	<1.0	<1.1	<1.0	<1.1	<21.5	<1.1	<1.0
Carbazole	--	--	--	<13.1	<13.8	<3.4	<0.66	<0.66	<0.66	<0.68	<0.66	<0.69	<13.8	<0.69	<0.66
Chrysene	0.2	0.02	--	<14.7	<15.4	<3.8	<0.74	<0.74	<0.74	<0.76	<0.74	<0.77	<15.4	<0.77	<0.74
Dibenzo(a,h)anthracene	--	--	--	<26.1	<27.3	<6.8	<1.3	<1.3	<1.3	<1.4	<1.3	<1.4	<27.3	<1.4	<1.3
Dibenzofuran	--	--	--	<20.0	<20.9	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<20.9	<1.0	<1.0
Diethylphthalate	--	--	--	<25.4	<26.7	<6.5	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<26.7	<1.3	<1.3
Dimethylphthalate	--	--	--	<19.7	<20.7	<5.1	<0.99	<0.99	<0.99	<1.0	<0.99	<1.0	<20.7	<1.0	<0.99
Di-n-butylphthalate	--	--	--	<16.9	<17.7	<4.4	<0.85	<0.85	<0.85	<0.86	<0.85	<0.89	<17.7	<0.89	<0.85
Di-n-octylphthalate	--	--	--	<28.8	<30.2	<7.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<30.2	<1.5	<1.5
Fluoranthene	400	80	--	<17.2	<18.1	<4.5	<0.87	<0.87	<0.87	<0.89	<0.87	<0.90	<18.1	<0.90	<0.87
Fluorene	400	80	--	<21.5	<22.6	<5.6	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<22.6	<1.1	<1.1
Hexachlorobenzene	1	0.1	1	<21.0	<22.0	<5.4	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<22.0	<1.1	<1.1
Hexachlorobutadiene	--	--	--	<12.4	<13.1	<3.2	<0.63	<0.63	<0.63	<0.65	<0.63	<0.65	<13.1	<0.65	<0.63
Hexachlorocyclopentadiene	--	--	0.05	<20.7	<21.7	<5.4	<1.0	<1.0	<1.0	<1.1	<1.0	<1.1	<21.7	<1.1	<1.0
Hexachloroethane	--	--	--	<11.0	<11.5	<2.9	<0.55	<0.55	<0.55	<0.57	<0.55	<0.58	<11.5	<0.58	<0.55
Indeno(1,2,3-cd)pyrene	--	--	--	<12.6	<13.2	<3.3	<0.64	<0.64	<0.64	<0.66	<0.64	<0.66	<13.2	<0.66	<0.64
Isophorone	--	--	--	<25.8	<27.1	<6.7	<1.3	<1.3	<1.3	<1.3	<1.3	<1.4	<27.1	<1.4	<1.3
Naphthalene	100	10	--	448	460	133	<0.67	<0.67	<0.67	<0.69	<0.67	<0.70	735	<0.70	<0.67
Nitrobenzene	--	--	--	<25.8	<27.0	<6.7	<1.3	<1.3	<1.3	<1.3	<1.3	<1.4	<27.0	<1.4	<1.3
N-Nitroso-di-n-propylamine	--	--	--	<20.1	<21.1	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<21.1	<1.1	<1.0
N-Nitrosodiphenylamine	7	0.7	--	<46.3	<48.6	<12.0	<2.3	<2.3	<2.3	<2.4	<2.3	<2.4	<48.6	<2.4	<2.3
Pentachlorophenol	1	0.1	1	<20.3	<21.3	<5.3	<1.0	<1.0	<1.0	<1.1	<1.0	<1.1	<21.3	<1.1	<1.0
Phenanthrene	--	--	--	<12.0	<12.5	<3.1	<0.60	<0.60	<0.60	<0.62	<0.60	<0.63	<12.5	<0.63	<0.60
Phenol	6000	1200	--	<19.5	<20.5	23.5J	<0.99	<0.99	<0.99	<1.0	<0.99	<1.0	<20.5	<1.0	<0.99
Pyrene	250	50	--	<30.3	<31.8	<1.5	<1.5	<1.5	<1.5	<1.6	<1.5	<1.6	<31.8	<1.6	<1.5
PCBs (ug/L) (Total)	0.03	0.003	0.5	<0.23	<0.23	NA*	NA*	<0.23	<0.24	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23
Aroclor 1016	3	3	3	<0.23	<0.23	NA*	NA*	<0.23	<0.24	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23
Aroclor 1221	3	3	3	<0.23	<0.23	NA*	NA*	<0.23	<0.24	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23
Aroclor 1232	3	3	3	<0.23	<0.23	NA*	NA*	<0.23	<0.24	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23
Aroclor 1242	3	3	3	<0.23	<0.23	NA*	NA*	<0.23	<0.24	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23
Aroclor 1248	3	3	3	<0.23	<0.23	NA*	NA*	<0.23	<0.24	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23
Aroclor 1254	3	3	3	<0.23	<0.23	NA*	NA*	<0.23	<0.24	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23
Aroclor 1260	3	3	3	<0.23	<0.23	NA*	NA*	<0.23	<0.24	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23

Notes:
SVOCs = Semi-Volatile Organic Compounds
PCBs = PolyChlorinated Biphenyls
MCL/MCLG = Maximum Contaminant Level/Maximum Contaminant Level Goal - National Primary Drinking Water Standards-Federal
[3] Standards are for Total PCBs.
[5] Standard is a national Secondary Drinking Water Standard
[6] Aroclor 1260 is the only spike compound for PCBs.
-- No NR 140 ES or PAL established.
NR 140 Enforcement Standard Exceedance
NR 140 Preventive Action Limit Exceedance

Table 3 page 3
Groundwater Analytical Results
Former Allouez Village Hall Property
Allouez, Wisconsin

			Sample No.	VHB5W111209	VHB6W111209
			Date	11/12/2009	11/12/2009
	NR 140 Standards		Federal MCL/MCLG	MW-5	MW-6
Parameters	**ES**	*PAL*			
Pesticides (ug/L)					
4,4'-DDD	--	--	--	<0.022	<0.022
4,4'-DDE	--	--	--	<0.022	<0.022
4,4'-DDT	--	--	--	<0.025	<0.025
Aldrin	--	--	--	<0.012	<0.012
alpha-BHC	--	--	--	<0.0060	<0.0060
alpha-Chlordane	--	--	--	<0.0096	<0.0096
beta-BHC	--	--	--	<0.012	<0.012
Chlordane (Technical)	**2**	*0.2*	--	<0.17	<0.17
delta-BHC	--	--	--	<0.0089	<0.0089
Dieldrin	--	--	--	<0.017	<0.017
Endosulfan I	--	--	--	<0.011	<0.011
Endosulfan II	--	--	--	<0.022	<0.022
Endosulfan sulfate	--	--	--	<0.016	<0.016
Endrin	**2**	*0.4*	2	<0.023	<0.023
Endrin aldehyde	--	--	--	<0.018	<0.018
Endrin ketone	--	--	--	<0.015	<0.015
gamma-BHC (Lindane)	**0.2**	*0.02*	--	<0.0077	<0.0077
gamma-Chlordane	--	--	--	<0.012	<0.012
Heptachlor	**0.4**	*0.04*	0.4	<0.0088	<0.0088
Heptachlor epoxide	**0.2**	*0.02*	0.2	<0.0081	<0.0081
Methoxychlor	**40**	*4*	40	<0.086	<0.086
Toxaphene	**3**	*0.3*	3	<0.47	<0.47

Notes:

MCL/MCLG = Maximum Contaminant Level/Maximum Contaminant Level Goal - National Primary Drinking Water Standards-Federal

-- No NR 140 ES or PAL established.

TABLE 2 - GROUNDWATER FIELD DATA
FORMER ALLOUEZ VILLGE HALLL
1649 SOUTH WEBSTER STREET
ALLO' CONSIN

Well I.D.	Date	Ground Surface Elevation (feet)	TPVC Elevation (feet)	Screen Interval (feet below grade)	Screen Interval Elevation (feet)	Depth to Water Below TPVC (feet)	Soil Strata at Screen	Groundwater Elevation (feet)	Temp (C)	pH (Units)	Conductivity (umhos/cm)	Color	Odor	Turbidity	Dissolved Oxygen (mg/L)
VH-B1 MW-1	11/12/09	643.0	645.20	6 - 16	637.0 - 627.0	14.50	Sand and silt	630.70	11.1	6.44	2741	Clear	Petroleum	Low	3.5
		643.0	645.20			14.45		630.75	--	--	--	--	--	--	--
VH-B2 MW-2	11/12/09	642.6	645.18	6.5 - 16.5	636.1 - 626.1	14.80	Sand and silt to 14 feet and clay to 16 feet.	630.38	--	--	--	Lt. Brown	Petroleum	Low	--
		642.6	645.18			14.70		630.48	--	--	--	--	--	--	--
VH-B3 MW-3	11/12/09	646.5	648.55	13 - 23	633.5 - 623.5	24.43	Fill to 11 and clay to 23 feet	624.12	(not enough to sample)	--	--	--	--	--	--
	12/07/09	646.5	648.55			20.87		627.68	--	--	--	--	--	--	--
VH-B4 MW-4	11/12/09	646.3	648.16	15 - 20	631.3 - 621.3	18.57	Silty sand	629.59	12.6	6.16	7640	Clear	None	Low	3.2
	12/07/09	646.3	648.16			18.07		630.09	--	--	--	--	--	--	--
VH-B5 MW-5	11/12/09	643.2	645.33	9 - 19	634.2 - 624.2	15.75	Silty sand	629.58	12.5	5.90	21014	Clear	None	Low	4.5
	12/07/09	643.2	645.33			15.87		629.46	--	--	--	--	--	--	--
VH-B6 MW-6	11/12/09	642.5	644.77	10 - 20	632.5 - 622.5	14.95	Below the fill in silty sand and clay	629.82	13.2	6.38	4874	Clear	None	Low	5.0
	12/07/09	642.5	644.77			15.01		629.76	--	--	--	--	--	--	--
VH-B8 MW-8	11/12/09	638.7	640.77	5 - 15	633.7 - 623.7	12.35	Below the fill in silty sand and clay	628.42	13.2	5.97	6667	Clear	None	Low	4.6
	12/07/09	638.7	640.77			11.86		628.91	--	--	--	--	--	--	--
VH-B9 MW-9	11/12/09	638.3	640.30	8 -18	630.3 - 620.3	9.87	Silty clay	630.43	13.2	6.60	2768	Clear	None	Low	6.6
	12/07/09	638.3	640.30			9.78		630.52	--	--	--	--	--	--	--
VH-B10 MW-10	11/12/09	644.3	646.98	9 -19	635.3 - 625.3	16.95	Silty sand	630.03	13.8	5.95	4826	Clear	Petroleum	Low	3.1
	12/07/09	644.3	646.98			17.10		629.88	--	--	--	--	--	--	--
VH-B11 MW-11	11/12/09	638.1	640.13	14 - 24	624.1 - 614.1	18.50	Silty clay and silty sand	621.63	11.4	5.98	24765	Clear	None	Low	5.0
	12/07/09	638.1	640.13			18.19		621.94	--	--	--	--	--	--	--
VH-B12 MW-12	11/12/09	645.1	647.26	10 - 20	635.1 - 625.1	16.25	Fine sand	631.01	13.5	5.78	4697	Clear	None	Low	5.5
	12/07/09	645.1	647.26			16.41		630.85	--	--	--	--	--	--	--

Notes:
-- = Not Sampled
NM = Not Measured

GIS REGISTRY INFORMATION

SITE NAME:	Allouez Village Hall - #1		
BRRTS #:	03-05-544645	**FID #** (if appropriate):	
COMMERCE #:	54301-2499-49-C		
CLOSURE DATE:	4/4/08		
STREET ADDRESS:	1649 S Webster Ave		
CITY:	Green Bay		

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X =**	677611		**Y =**	448163	
CONTAMINATED MEDIA:	Groundwater		Soil	x	Both	
OFF-SOURCE GW CONTAMINATION >ES:			**Yes**		**No**	x
• **IF YES, STREET ADDRESS:**						
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**			**Y =**		
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):	**Yes**			**No**	x	
• **IF YES, STREET ADDRESS 1:**						
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**			**Y =**		
CONTAMINATION IN RIGHT OF WAY:	**Yes**			**No**	x	

DOCUMENTS NEEDED

Closure Letter, and any conditional closure letter issued or denial letter issued	x
Copy of any maintenance plan referenced in the final closure letter	na
Copy of (soil or land use) deed notice *if any required as a condition of closure*	na
Copy of most recent deed, including legal description, for all affected properties	x
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties	x
County Parcel ID number, *if used for county*, for all affected properties **AL 44 & AL 44.1**	x
Location Map that outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily. If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.	s
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.	x
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	na
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	x
Isoconcentration map(s), *if required for site investigation (SI).* The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.**	na
GW: Table of water level elevations, with sampling dates, and free product noted if present	na
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	na
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	x
Geologic cross-sections, *if required for SI*	x
RP certified statement that legal descriptions are complete and accurate	x
Copies of off-source notification letters (if applicable)	na
Letter informing ROW owner of residual contamination (if applicable) (public, highway or railroad ROW)	na

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Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2129 Jackson Street
Oshkosh, Wisconsin 54901-1805
TDD #: (608) 264-8777
Fax #: (920) 424-0217
Jim Doyle, Governor
Jack L. Fischer, A.I.A., Secretary

April 4, 2008

Ms. Susan Foxworthy
Village of Allouez
1900 Libel Street
Green Bay, WI 54301-2453

RE: **Final Closure**

Commerce # 54301-2499-49-C DNR BRRTS # 03-05-544645
Village of Allouez, 1649 S. Webster Ave., Green Bay

Ms. Foxworthy:

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

If residual contamination is encountered in the future, it must be managed in accordance with all applicable state and federal regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required.

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0046.

Sincerely,

Robert H. Klauk
Senior Hydrogeologist
Site Review Section

cc: Stuart A. Boerst - McMahon Associates

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Jim Doyle, Governor
Jack L. Fischer, A.I.A., Secretary

February 20, 2008

Ms. Susan Foxworthy
Village of Allouez
1900 Libel Street
Green Bay, WI 54301-2453

RE: **Conditional Case Closure**

Commerce # 54301-2499-49-C DNR BRRTS # 03-05-544645
Village of Allouez, 1649 S. Webster Ave., Green Bay

Dear Ms. Foxworthy:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure, prepared by McMahon Associates, for the site referenced above. It is understood that residual soil contamination remains on site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary.

The following condition must be satisfied to obtain final closure:

- Documentation of the abandonment (WDNR Abandonment Form 5500-5B) of direct push soil borings GP-02, GP-03 and GP-05 through GP-07 and temporary monitoring wells GPW-01 and GPW-04

This letter serves as your written notice of "no further action." Timely filing of your final PECFA claim (if applicable) is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0046.

Sincerely,

Robert H. Klauk

Robert H. Klauk
Senior Hydrogeologist
Site Review Section

cc: Stuart A. Boerst - McMahon Associates

DOCUMENT NO.

787858

STATE BAR OF WISCONSIN - FORM 2
WARRANTY DEED
THIS SPACE RESERVED FOR RECORDING DATA

REGISTER'S OFFICE, Brown Co., Wis.
Received for record the 27th day of March A. D. 1974 at 3:50 o'clock P. M. and recorded in Vol 1063 of Records on page 519
Harold P. Lovely Register of Deeds

BY THIS DEED, Walter O. Blasius, Sr., a/k/a Walter O. Blasius, and Louise Blasius, his wife,

Grantors, convey and warrant to the Town of Allouez, a municipal corporation,

Grantee

for a valuable consideration of One hundred twenty thousand eight hundred and no/100 ($120,800.00) Dollars

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

RETURN TO CONDON & HANAWAY
ATTORNEYS AT LAW
312 CHERRY ST. - P.O. BOX 908
GREEN BAY, WISCONSIN 54305

PARCEL NO. 1: That part of Private Claim Twelve (12), East side of Fox River, in the Town of Allouez, Brown County, Wisconsin described as follows: Beginning at a point where the east line of Webster Avenue as it existed on September 18, 1905 intersects the south line of P. C. 12 East; thence Northerly along the east line of Webster Avenue as it existed on September 18, 1905 a distance of 60 feet; thence Easterly and parallel with the south line of P. C. 12 E a distance of 250 feet; thence Southerly parallel with Webster Avenue as it existed on September 18, 1905 to the south line of said P. C. 12 East; thence Westerly along the south line of P. C. 12 E a distance of 250 feet to the place of beginning, excepting therefrom any part thereof used for road purposes.

PARCEL NO. 2: That part of Private Claim Twelve (12), East side of Fox River, in the Town of Allouez, Brown County, Wisconsin described as follows: Commencing on the east line of Webster Avenue as it existed on October 3, 1905, 60 feet north of the south line of P. C. 12 East; thence N 26° 16' 30" E along said east line of Webster Avenue as it existed on October 3, 1905 a distance of 121.47 feet; thence S 64° 09' E 250 feet; thence S 26° 16' 30" W 122.12 feet; thence N 64° W parallel with the claim line a distance of 250 feet to the place of beginning, excepting therefrom any part thereof used for road purposes.

EXCEPTION TO WARRANTIES: All easements, reservations, restrictions and highway matters of record.

Executed at Green Bay, Wisconsin this 27TH day of March, 1974.

SIGNED AND SEALED IN PRESENCE OF

Walter O. Blasius Sr. (SEAL)
Walter O. Blasius, Sr.
Louise Blasius (SEAL)
Louise Blasius
(SEAL)
(SEAL)

Exempt under Section 77.25(2)

Executed by Walter O. Blasius, Sr., a/k/a Walter O. Blasius and Louise Blasius, his wife,
Executed this 27TH day of March, 1974.

Richard C. Surplice
Title: Member State Bar of Wisconsin

STATE OF WISCONSIN
County, } ss.

Personally came before me, this day of , 19 ,
the above named

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

This instrument was drafted by

Richard C. Surplice.

Notary Public County, Wis.

The use of witnesses is optional.

My Commission (Expires) (Is)

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

GRAPHIC PRINTING CO., EAU CLAIRE, WIS.

WARRANTY DEED—STATE BAR OF WISCONSIN, FORM NO. 2 — 1971

VOL 1063 PAGE 519

AL 44 AL 45

73 70

No. S-9. Warranty Deed—Short Form (Sec. 235.16, Wis. Statutes) (STATE OF WISCONSIN) Form No. 9 Northwest Office Supply Co., Inc., Green Bay, Wis

628070 VOL 692 PAGE 236

This Indenture, *Made by* OTTO KNUTH, a single man,

grantor, of Brown *County, Wisconsin, hereby conveys and warrants to* TOWN OF ALLOUEZ, Brown County, Wisconsin,

grantee, of Brown *County, Wisconsin, for the sum of* One Dollar ($1.00) and other good and valuable considerations, *the following tract of land in* Brown *County, State of Wisconsin:*

Part of Private Claim No. 12, East side of Fox River, Town of Allouez, Brown County, Wisconsin, described as follows:

Commencing where the East line of South Webster Avenue intersects the South line of said Private Claim No. 12; thence N 26° 16' 30" E along the East line of said Street 181.47 feet to the point of beginning;

Thence continuing N 26° 16' 30" E along the East line of said street 168.53 feet; thence S 64° 00' E 250 feet parallel to the said South line of Private Claim No. 12' thence S 26° 16' 30" W parallel to the East line of said street 167.88 feet; thence N 64° 09' W 250 feet on a line which is an extension of the Northerly line of a building owned and used by the Knuth Wilbert Vault Works Incorporated to the point of beginning.

REGISTER'S OFFICE
Brown County., Wis.
Received for record the 15th day of April A. D. 1965 at 11 38 o'clock A.M. and recorded in Vol. 692 of Records on page 236
Harold P. Lock
Register of Deeds

In Witness Whereof, *the said grantor has hereunto set* his *hand and seal this* 15th *day of* April *, A. D., 19* 65 .

Signed and Sealed in Presence of

E. D. Kranzush
E. D. Kranzush

C. E. Kuehn
C. E. Kuehn

Otto Knuth (SEAL)
Otto Knuth

(SEAL)

(SEAL)

(SEAL)

State of Wisconsin,
Brown *County.* } ss.

Personally came before me, this 15th *day of* April *, A. D., 19* 65 . *the above named* Otto Knuth, a single man,

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

E. D. Kranzush
E. D. Kranzush
Notary Public, Brown *County, Wis.*
My commission expires ---------- *A. D., 19* is permanent.

Drafted by E. D. Kranzush, Attorney-at-law

IN B—Ch. 59 Wis. Stats. provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary.

AL 44-1

TRO COPY

1333456

4477

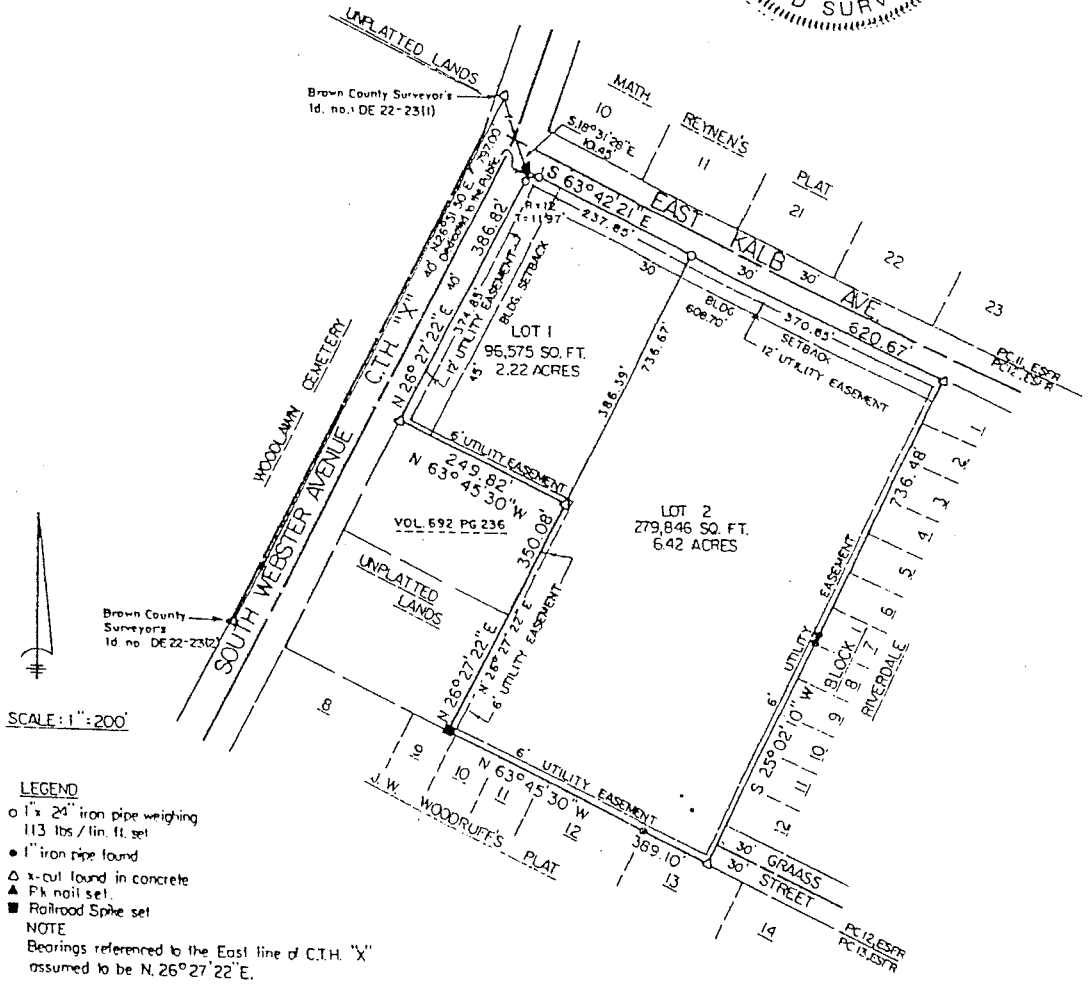
CERTIFIED SURVEY MAP

SURVEYOR'S CERTIFICATE

I, David W. Mau, Registered Land Surveyor, do hereby certify that I have surveyed, divided and mapped part of Private Claim 12, East Side Fox River, Village of Allouez, Brown County, Wisconsin, more fully described on Sheet Two.

David W. Mau S-1030
January 4, 1993
Revised March 15, 1993

WISCONSIN DAVID W. MAU S-1030 GREEN BAY WIS. LAND SURVEYOR



LEGEND
o 1" x 24" iron pipe weighing 113 lbs / lin. ft. set
• 1" iron pipe found
△ x-cut found in concrete
▲ Pk nail set.
■ Railroad Spike set

NOTE
Bearings referenced to the East line of C.T.H. "X" assumed to be N. 26°27'22"E.

FINAL - RECORDED

Sheet One of Three
Project No.: K-12492
Drawing No.: L-3288A

VOL 28 PAGE 304

SURVEYOR'S CERTIFICATE CONTINUED

Part of Private Claim 12, East Side Fox River, Village of Allouez, Brown County, Wisconsin, more fully described as follows:

Beginning at the intersection of the easterly right-of-way of South Webster Avenue and the southerly right-of-way of East Kalb Avenue; thence S63°42'21"E, 620.67 feet along the southerly right-of-way of East Kalb Avenue, to the northwesterly corner of Lot 1, Block 1, recorded plat of Riverdale; thence S25°02'10"W, 736.48 feet along the westerly line of said plat of Riverdale to the northerly line of Lot 13, recorded plat of J. W. Woodruff's Plat; thence N63°45'30'W, 389.10 feet along the northerly line of said plat of J. W. Woodruff's Plat, also being the southerly line of Private Claim 12, East Side Fox River; thence N26°27'22"E, 350.08 feet along the extension of and the easterly line of Volume 692, Records, page 236, Brown County Records; thence N63°45'30"W, 249.82 feet along the northerly line of said Volume and page, to the easterly right-of-way of South Webster Avenue; thence N26°27'22"E, 386.82 feet along said easterly right-of-way to the point of beginning.
Parcel contains 376,452 square feet/8.64 acres, more or less.
Road dedication contains 31 square feet, more or less.

That such plat is a correct representation of all the exterior boundaries of the land survey and the division thereof. That I have made such a survey, land division and plat by the direction of the owners listed hereon. That I have fully complied with the provisions of Chapter 236, section 236.34 of the Wisconsin Statutes, the Village of Allouez and the Brown County Planning Commission in surveying, dividing and mapping the same.

David W. Mau S-1030
January 4, 1993

WISCONSIN DAVID W. MAU S-1030 GREEN BAY WIS. LAND SURVEYOR

CERTIFICATE OF THE VILLAGE OF ALLOUEZ

Approved for the Village of Allouez this 17 day of February, 1993.

Susan Foxworthy
Allouez Village Clerk

CERTIFICATE OF THE BROWN COUNTY PLANNING COMMISSION

Approved for the Brown County Planning Commission this 16th day of MARCH, 1993.

Chris Knight, Senior Planner
~~Patrick M. Vaile~~
~~Principal Planner~~

Sheet Two of Three
Project No.: K-12492
Drawing No.: L-3288B

1333456

OWNER'S CERTIFICATE

As Owners, We hereby certify that we caused the land described on this Certified Survey Map to be surveyed, divided, mapped and dedicated as represented hereon. We also certify that this Certified Survey Map is required to be presented to the Village of Allouez and the Brown County Planning Commission for approval or objection in accordance with current Land Subdivision Ordinances.

Irwin Harris

Personally came before me this 4TH day of FEBRUARY, 1993, the above named Owners, to me known to be the persons who executed the foregoing instrument and acknowledged the same.

Notary Public Philip J. Hilgenberg
Brown County Wisconsin

My Commission Expires May 3, 1994

RESTRICTIVE COVENANTS

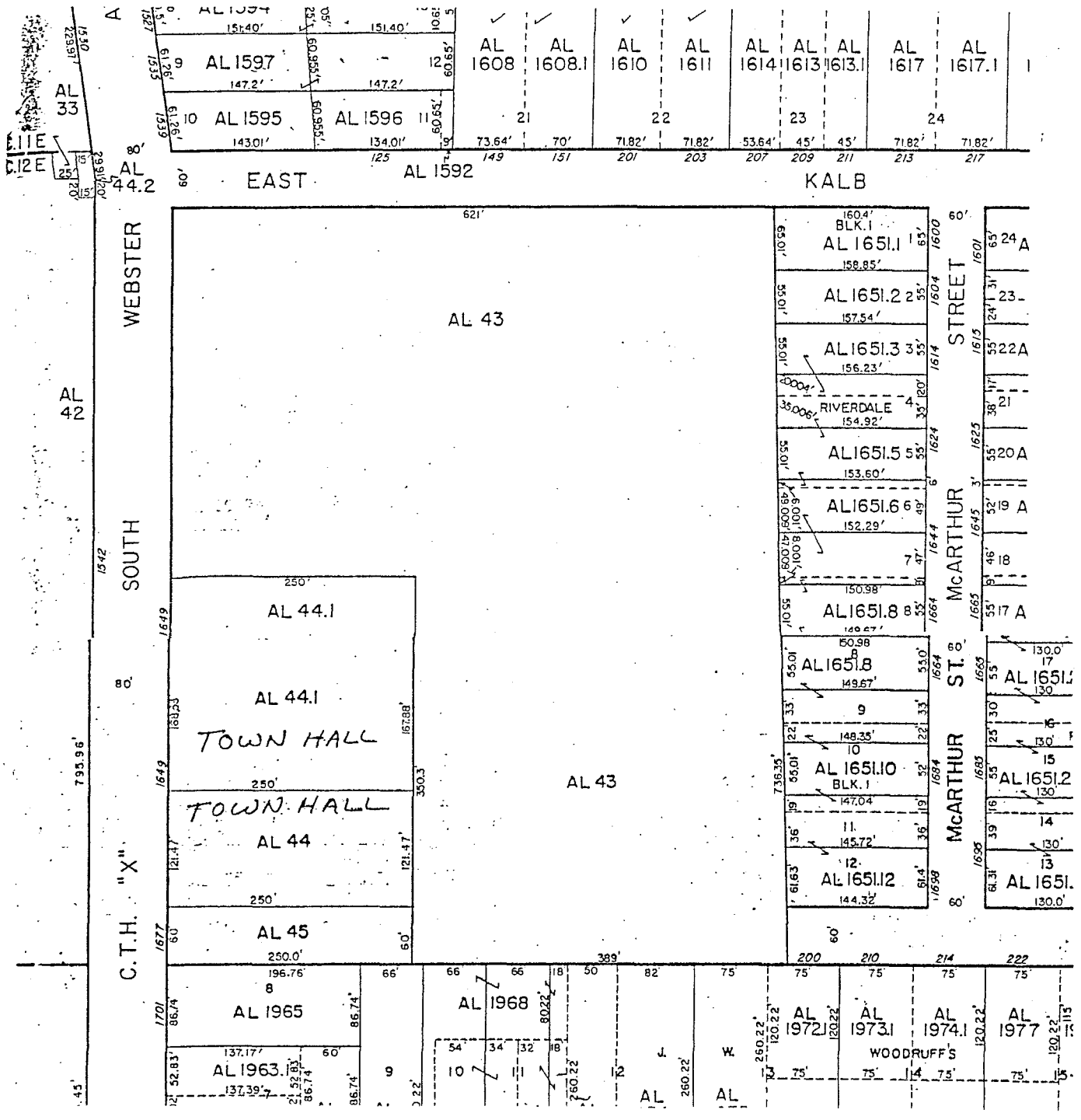
The land on all side and rear lot lines of all lots shall be graded by the subdivider and maintained by the abutting property owners to provide for adequate drainage of surface water.
Each lot owner shall grade the property abutting a street to conform to the adopted sidewalk grade elevation and maintain said elevation for future sidewalks.

REGISTER'S OFFICE
Brown Co., Wis.
Received for record the 16
day of March A.D. 19 93
at 9:44 o'clock A.M.
and recorded in Vol. 28 of
Certified Survey Maps on Page 304
Cathy Wildgrette Bruning
Register of Deeds
14.00

WISCONSIN
DAVID W. MAU
S-1030
GREEN BAY
WIS.
LAND SURVEYOR

11/2/93

Sheet Three of Three
Project No.: K-12492
Drawing No.: L-3288C


AL 1594
AL 1597
AL 1595
AL 1596
AL 1592
AL 1608
AL 1608.1
AL 1610
AL 1611
AL 1614
AL 1613
AL 1613.1
AL 1617
AL 1617.1
EAST
KALB
AL 33
AL 44.2
WEBSTER
SOUTH
AL 42
C.T.H. "X"
AL 43
AL 44.1
TOWN HALL
AL 44
AL 45
AL 1651.1
AL 1651.2
AL 1651.3
RIVERDALE
AL 1651.5
AL 1651.6
AL 1651.8
AL 1651.10
AL 1651.12
BLK. 1
STREET
McARTHUR
ST.
AL 1965
AL 1963.1
AL 1968
AL 1972.1
AL 1973.1
AL 1974.1
AL 1977
WOODRUFF'S

BOOK	STATE NO	PAGE	YEAR
	05-	9	2007

COUNTY OF BROWN

REAL ESTATE ASSESSMENT ROLL FOR THE VILLAGE OF ALLOUEZ

A-RESIDENTIAL
B-COMMERCIAL
C-MANUFACTURING
D-AGRICULTURAL
E-UNDEVELOPED
F-PRODUCTIVE FOREST LANDS
M-AGRICULTURAL FOREST
G-OTHE

CODE	TAXING DISTRICT

1 REG ENTERED BEFORE 1/1/72
2 REG ENTERED AFTER 12/31/71
3 SPECIAL CLASSIFICATION
4 COUNTY FOREST CROP
5 MFL OPEN ENTERED AFTER 2004
6 MFL CLOSED ENTERED AFTER 2004
7 MFL OPEN ENTERED BEFORE 2005
8 MFL CLOSED ENTERED BEFORE 2005

E1 EXEMPT-FEDERAL
E2 EXEMPT-STATE
E3 EXEMPT-COUNTY
E4 EXEMPT-MUNICIPAL
E5 EXEMPT-UTILITIES
E6 EXEMPT-PAROCHIAL
E7 EXEMPT-PUBLIC SC
E8 EXEMPT-RAILROAD
E9 EXEMPT-MISC

PARCEL NUMBER / NAME AND PROPERTY LOCATION	SCHOOL DIST	ACRES RECORDED / DESCRIPTION OF PROPERTY	SEC TN RANGE	CDE	ACREAGE & VALUE OF DESCRIPTION: ACRES	LAND VALUE	IMPRVMENT VALU	TOTAL VALUE	SUBJ TO PROPERTY TAX: SANIT	SPECIAL	CDE	ACRES	VALUE	CDE	ACRES
AL-42 WOODLAWN CEMETERY 1542 S WEBSTER AV WOODLAWN CEMETERY 1542 S WEBSTER AV GREEN BAY, WI 54301-2459	2289	11-D-546 22.637 AC M/L THAT PRT OF PC 12E LYG BETW MONROE AVE & WEBSTER AVE EX 900 R 211 & EX 910 R 247 BCR												E9	
AL-43 F & M BANK NORTHEAST 1601 S WEBSTER AV CITIZENS BANK /ACCOUNTS PAYABLE PO BOX 1675 FLINT, MI 48501	2289	J24226-09 96,575 SQ FT LOT 1 OF 28 CSM 304 BNG PRT OF PC 12 ESFR		B	2.217 2.217	627,900 627,900	1,270,500 1,270,500	1,898,400 1,898,400							
AL-44 ALLOUEZ VILLAGE OF 1649 BLOCK S WEBSTER AV VILLAGE OF ALLOUEZ 1900 LIBAL ST GREEN BAY WI 54301-245	2289	1063-R-519 0.697 AC M/L N 121.47 FT OF S 181.47 FT OF W 250 FT E OF WEBSTER AVE OF PC 12E												E4	
AL-44-1 ALLOUEZ VILLAGE OF 1649 S WEBSTER AV VILLAGE OF ALLOUEZ 1900 LIBAL ST GREEN BAY WI 54301-245	2289	692-R-236 0.965 AC M/L PRT PC 12E COM INSECTN S LINE & E LINE S WEBSTER AVE N26*16'30"E 181.47 FT TO BEG CONT N 26*16'30"E 168.53 FT S64*E 250 FT S26*16'30"W 167.88 FT N * * FULL LEGAL ON FILE * *												E4	
AL-44-2 ALLOUEZ VILLAGE OF S WEBSTER AV VILLAGE OF ALLOUEZ 1900 LIBAL ST GREEN BAY WI 54301-245	2289	910-R-247 0.007 AC M/L THAT PRT OF PC 12E LYG ALG W LINE WEBSTER & DESC IN 910 R 247												E4	
AL-45 ALLOUEZ VILLAGE OF 1677 S WEBSTER AV VILLAGE OF ALLOUEZ 1900 LIBAL ST GREEN BAY WI 54301-245	2289	1063-R-519 0.346 AC M/L S 60' OF W 250' E OF WEBSTER OF PC 12E												E4	
No. of Parcels	6	TOTALS			2.217	627,900	1,270,500	1,898,400							

VILLAGE OF ALLOUEZ

Allouez Village Hall • 1900 Libal Street • Green Bay, WI 54301-2453 • (920) 448-2800 • Fax (920) 448-2850

January 22, 2008

To Whom It May Concern:

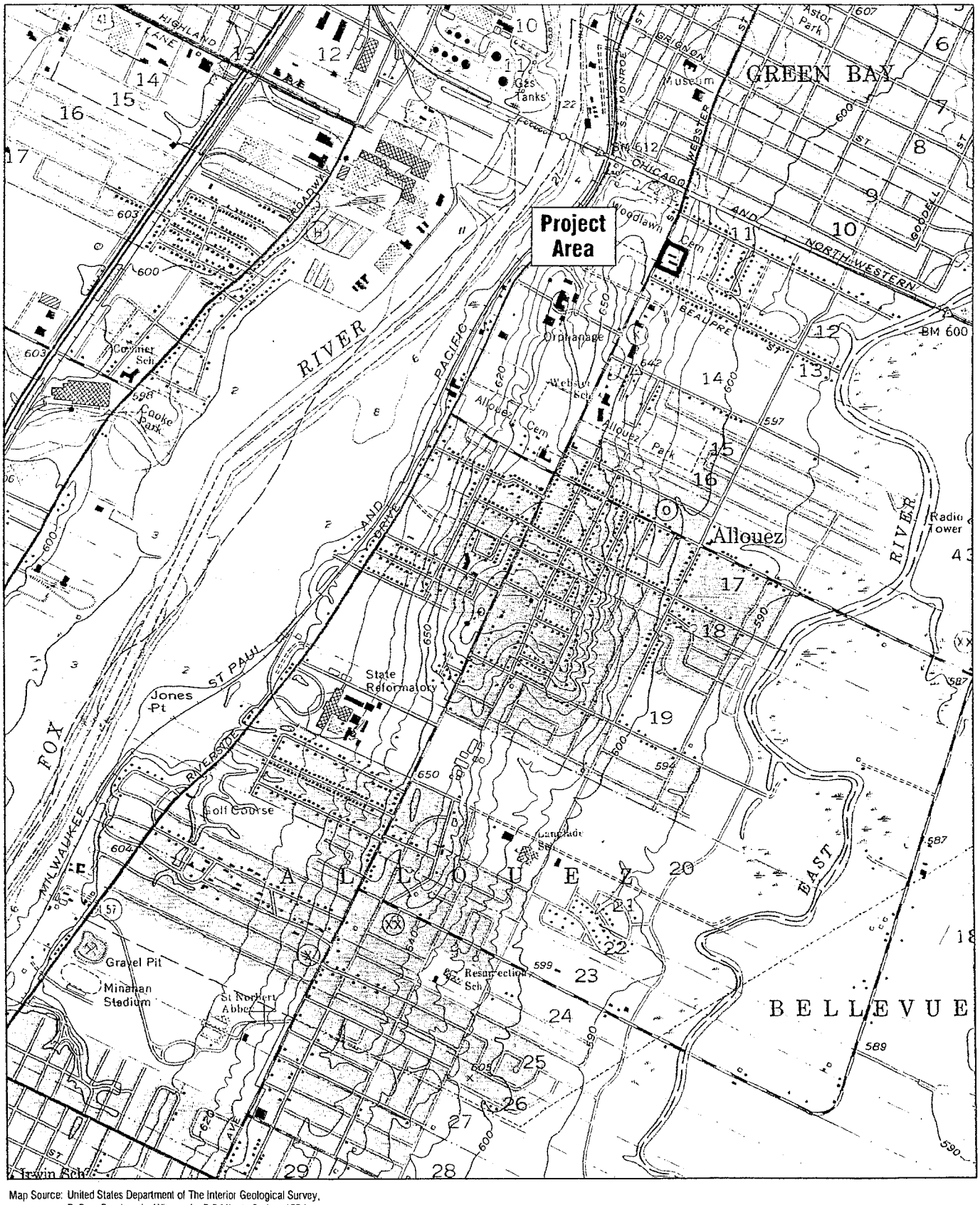
This letter is to certify that to the best of my knowledge the legal description on the attached property deed accurately reflects the property containing residual petroleum contaminated soil.

Sincerely,

Susan L. Foxworthy

Susan L. Foxworthy
Administrator

VILLAGE OF ALLOUEZ



Map Source: United States Department of The Interior Geological Survey, DePere Quadrangle, Wisconsin, 7.5 Minute Series, 1971

N

SCALE: 1" = 2000'

McMAHON ASSOCIATES

ENGINEERS | ARCHITECTS | SURVEYORS | PROJECT MANAGERS

FIGURE 1

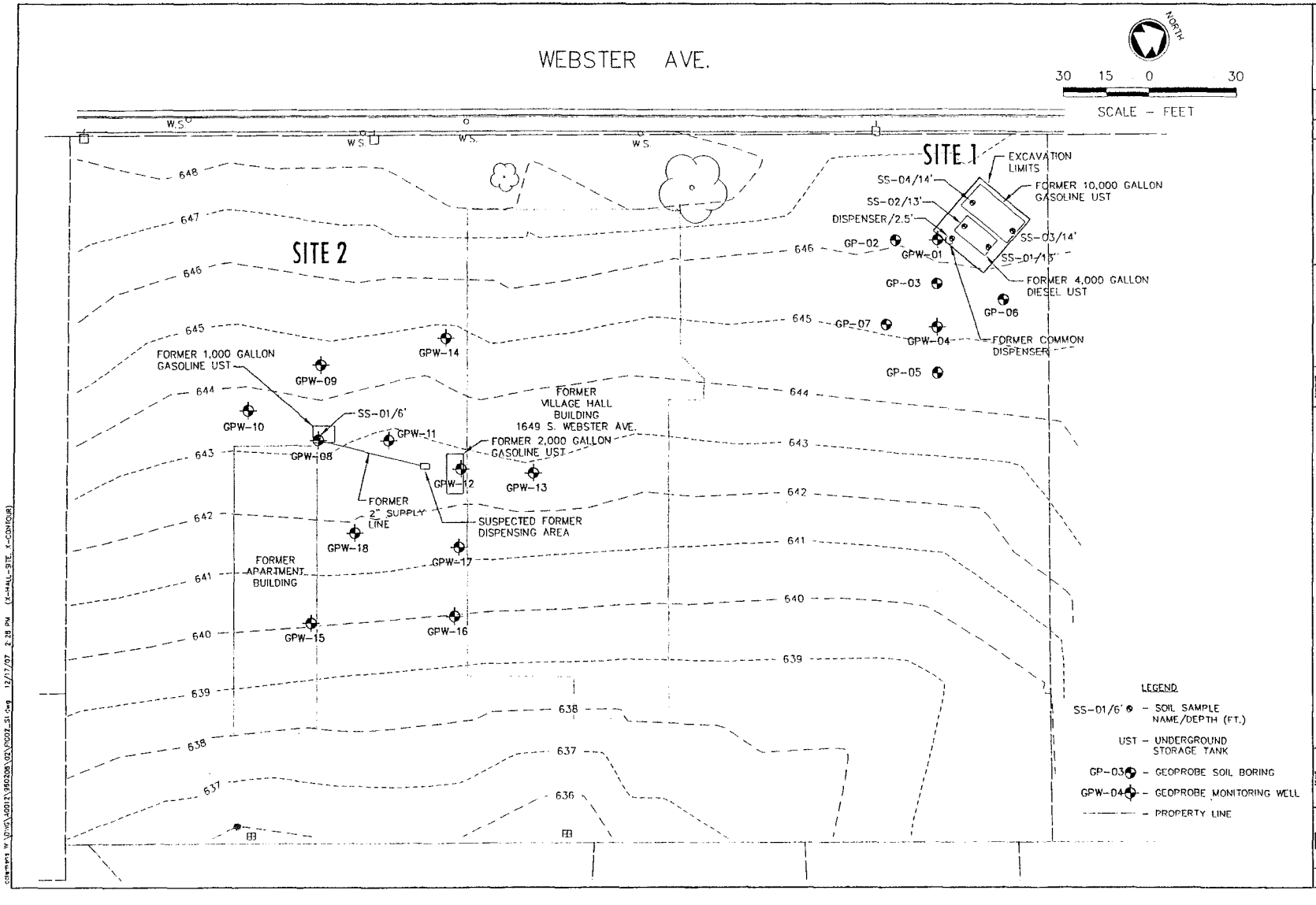
SITE LOCATION & TOPOGRAPHIC MAP

ALLOUEZ VILLAGE HALL PROPERTY

1649 S. WEBSTER AVENUE, ALLOUEZ, WI

McM #A0012-960206.02 12/28/2007

ID: PPT\2007\MCM WI\SAB-ALLOUEZ VILLAGE HALL (SITE1) SITE ASSESS.PPT SAB:jmk



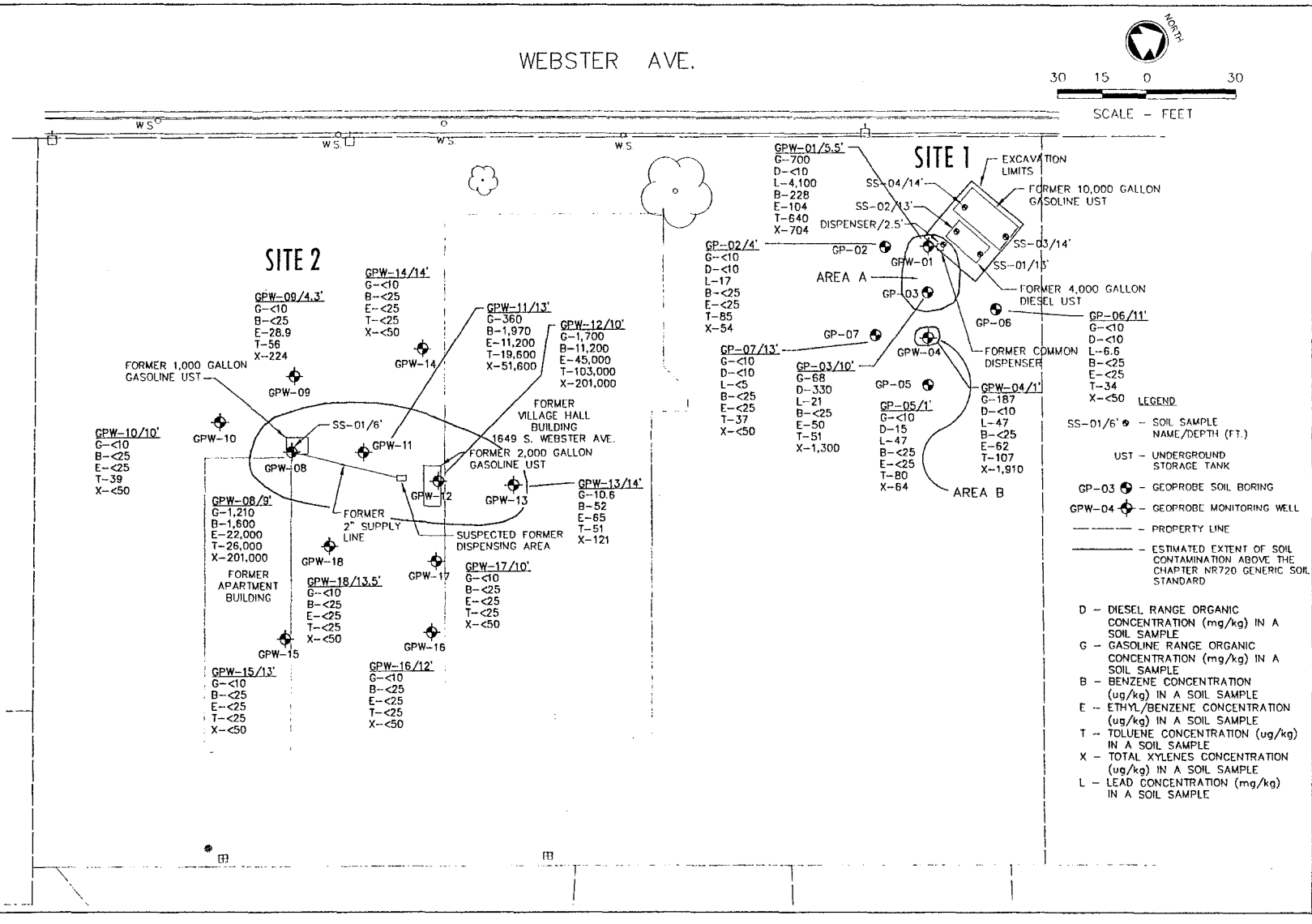
McMAHON ASSOCIATES

SITE LAYOUT, SOIL BORING & MONITORING WELL LOCATIONS
FORMER VILLAGE HALL SITE (SITE 1)
VILLAGE OF ALLOUEZ, BROWN COUNTY, WISCONSIN

SCALE 1" = 30'
DATE DEC. 2007
PROJECT NO. A0012-960206.02

FIG.2

W:\DWG\A0012\960206\02\FIG02_S1.dwg, Model, 12/17/2007 2:28:36 PM, cclemens, 1:30



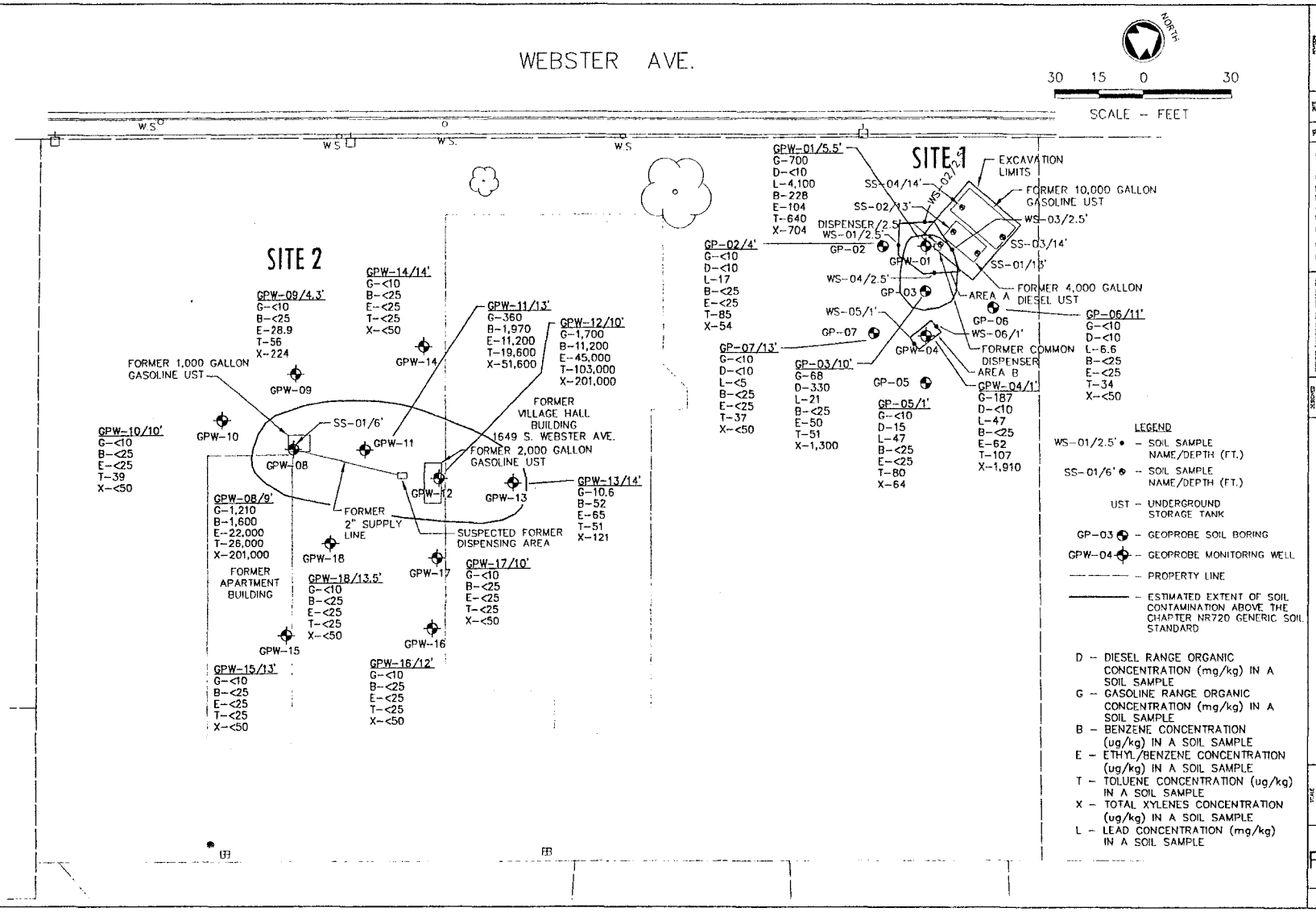
McMAHON ASSOCIATES

ESTIMATED HORIZONTAL EXTENT OF SOIL CONTAMINATION
SITE INVESTIGATION
FORMER VILLAGE HALL SITE (SITE 1)
VILLAGE OF ALLOUEZ, BROWN COUNTY, WISCONSIN

SCALE 1" = 30'
DATE DEC. 2007
PROJECT NO. A0012-98205.02

FIG.5

FILE NO. CAD

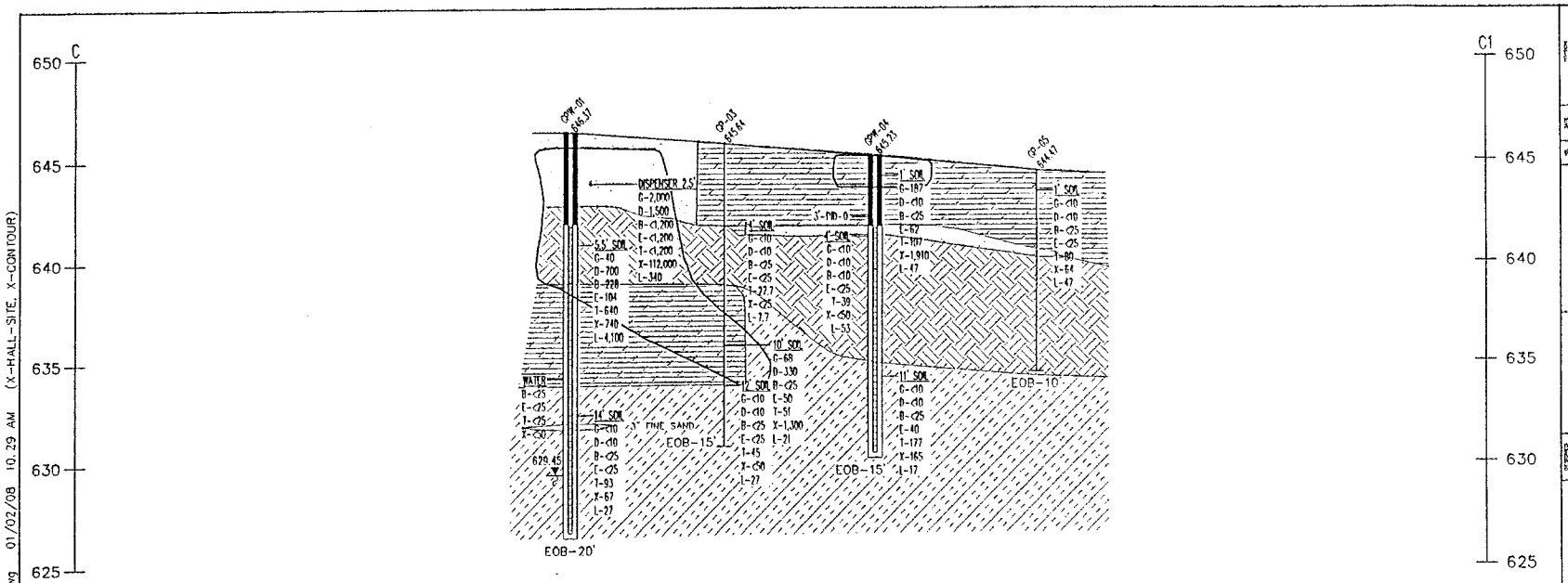


McMAHON ASSOCIATES

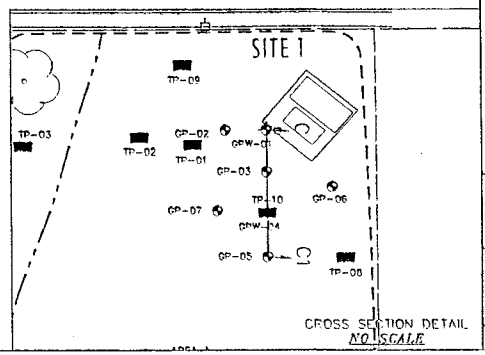
REMEDIATION EXCAVATION AREA, CONFIRMATION SOIL SAMPLE LOCATIONS AND AREAS WITH RESIDUAL CONTAMINATION
FORMER VILLAGE HALL SITE (SITE 1)
VILLAGE OF ALLOUEZ, BROWN COUNTY, WISCONSIN

SCALE 1" = 30'
DATE DEC. 2007
PROJECT NO. A2012-960206.02

FIG.7



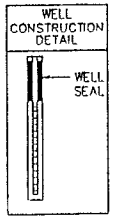
SCALE
VERTICAL SCALE 1"=5'
HORIZONTAL SCALE 1"=10'



CROSS SECTION DETAIL
NO SCALE

LEGEND

- -CLAYEY SILT
- -SILTY CLAY
- -SILTY SAND
- -FINE SAND
- -BURNED LANDFILL MATERIAL MIXED WITH SOIL



G -GASOLINE RANGE ORGANICS CONCENTRATION (mg/kg) IN A SOIL SAMPLE
D -DIESEL RANGE ORGANICS CONCENTRATION (mg/kg) IN A SOIL SAMPLE
B -BENZENE IN A SAMPLE (water-ug/l, soil-ug/kg)
E -ETHYLBENZENE IN A SAMPLE (water-ug/l, soil-ug/kg)
T -TOLUENE IN A SAMPLE (water-ug/l, soil-ug/kg)
X -XYLENES IN A SAMPLE (water-ug/l, soil-ug/kg)
L -LEAD CONCENTRATION (mg/kg) IN A SOIL SAMPLE
PID -PHOTOIONIZATION DETECTOR READING IN A SOIL SAMPLE
EOB -END OF BORING

GPW-01 -GEOPROBE MONITORING WELL
——— -ESTIMATED EXTENT OF CONTAMINATED SOIL ABOVE THE NR 720 GENERIC SOIL STANDARDS

McMAHON ASSOCIATES

GEOLIGIC CROSS SECTION C-C1
FORMER VILLAGE HALL SITE (SITE 1)
VILLAGE OF ALLOUEZ, BROWN COUNTY, WISCONSIN

FIG.3

Chalkofen W:_Archive in March DWG2007\A0012\960206\02\FIG03_S1.dwg 01/02/08 10:29 AM (X-HALL-SITE, X-CONTOUR)

Table #3

SITE 1
SITE INVESTIGATION
SOIL ANALYTICAL RESULTS
GRO, DRO, Lead & PVOC's
VILLAGE OF ALLOUEZ - VILLAGE HALL
1649 South Webster Avenue

Sample Name / Depth (feet)	Sample Date	GRO (mg/kg)	DRO (mg/kg)	Lead (mg/kg)	Benzene (ug/kg)	Ethyl Benzene (ug/kg)	Methyl-tert butyl-ether (ug/kg)	Toluene (ug/kg)	1,2,4 Trimethyl benzene (ug/kg)	1,3,5 Trimethyl benzene (ug/kg)	Total Xylenes (ug/kg)
Dispenser / 2.5'	12/05/05	2,000	1,500	340	<1,200	<1,200	<1,200	<1,200	280,000	100,000	112,000
SS-01 / 13'	12/05/05	<3.0	N/A	N/A	<25	<25	<25	<25	<25	<25	<50
SS-02 / 13'	12/05/05	<3.1	N/A	N/A	<25	<25	<25	<25	<25	<25	<50
SS-03 / 14'	12/05/05	N/A	<6.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SS-04 / 14'	12/05/05	N/A	<5.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GPW-01 / 5.5'	05/04/06	<10	700	4,100	228	104	<25	640	196	112	704
GPW-01 / 14'	05/04/06	<10	<10	27	<25	<25	<25	93	<25	<25	67
GPW-01 / 18'	05/04/06	<10	<10	13	<25	<25	<25	<25	<25	<25	<50
GP-02 / 4'	05/04/06	<10	<10	17	<25	<25	<25	85	<25	<25	54
GP-02 / 6'	05/04/06	<10	<10	11	<25	<25	<25	58	<25	<25	<50
GP-03 / 4'	05/04/06	<10	<10	7.7	<25	<25	<25	27.7	<25	<25	<50
GP-03 / 8'	05/04/06	<10	37	24	<25	<25	<25	<25	<25	<25	<50
GP-03 / 10'	05/04/06	68	330	21	<25	50	<25	51	2,880	3,100	1,300
GP-03 / 12'	05/04/06	<10	<10	27	<25	<25	<25	45	<25	<25	<50
GP-03 / 14'	05/04/06	<10	<10	19	<25	<25	<25	49	<25	<25	<50
GPW-04 / 1'	05/04/06	187	<10	47	<25	62	<25	107	6,000	6,400	1,910
GPW-04 / 4'	05/04/06	<10	<10	53	<25	<25	<25	39	<25	<25	<50
GPW-04 / 11'	05/04/06	<10	<10	17	<25	40	<25	177	34	<25	165
GP-05 / 1'	05/04/06	<10	15	47	<25	<25	<25	80	27.6	<25	64
GP-06 / 11'	05/04/06	<10	<10	6.6	<25	<25	<25	34	<25	<25	<50
GP-07 / 13'	05/04/06	<10	<10	<5	<25	<25	<25	37	<25	<25	<50
NR 720 Generic Soil Standard		100	100	50.0	5.5	2,900.0	----	1,500.0	----	----	4,100.0

EXPLANATION:

GRO = Gasoline Range Organics
DRO = Diesel Range Organics
PVOC = Petroleum Volatile Organic Compounds
---- = No Established State Soil Standard
N/A = Not Analyzed

ug/kg = Microgram / Kilogram (ppb)
mg/kg = Milligram / Kilogram (ppm)
< = Less Than
* = Analyte Detected Between Limit Of Detection & Limit Of Quantitation
[ ] = Exceeds Chapter NR 720 Generic Soil Standards

Table #4

REMEDIATION SOIL ANALYTICAL RESULTS
GRO, DRO, Lead & PVOC's
VILLAGE OF ALLOUEZ - VILLAGE HALL
1649 South Webster Avenue

Sample Name / Depth (feet)	Sample Date	GRO (mg/kg)	DRO (mg/kg)	Lead (mg/kg)	Benzene (ug/kg)	Ethyl Benzene (ug/kg)	Methyl-tert butyl-ether (ug/kg)	Toluene (ug/kg)	1,2,4 Trimethyl benzene (ug/kg)	1,3,5 Trimethyl benzene (ug/kg)	Total Xylenes (ug/kg)
WS-01 / 2.5'	09/28/07	<10	<10	2.6	<25	<25	<25	<25	28.6*	<25	<25
WS-02 / 2.5'	09/28/07	<10	<10	2.7	<25	<25	<25	28.3*	<25	<25	<25
WS-03 / 2.5'	09/28/07	<10	19.5	40	<25	<25	<25	<25	<25	<25	<25
WS-04 / 2.5'	09/28/07	<10	<10	36	<25	<25	<25	<25	<25	<25	<25
WS-05 / 1'	09/28/07	<10	NA	18	<25	<25	<25	<25	<25	<25	<25
WS-06 / 1'	09/28/07	<10	NA	26	<25	<25	<25	<25	<25	<25	<25
NR 720 Generic Soil Standard		100	100	50.0	5.5	2,900.0	----	1,500.0	----	----	4,100.0

EXPLANATION:

GRO = Gasoline Range Organics
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< = Less Than
* = Analyte Detected Between Limit Of Detection & Limit Of Quantitation
[ ] = Exceeds Chapter NR 720 Generic Soil Standards

GIS REGISTRY COVER SHEET
Commerce Case Closure

Source Property Information

Closure Date:	November 25, 2008	
BRRTS #:	03-05-544663	FID #: 405018790
Commerce #:	54301-2499-49-B	
Site Name:	Village of Allouez	
Property Address:	1649 S Webster Ave	
Municipality:	Allouez	
Parcel ID #:	AL-44	

WTM Coordinates:
(*Coordinates in WTM83, NAD83 (1991)*) **X: 677596 Y: 448089**

WTM Coordinates Represent:

[X] Approximate Center of Contaminant Source
[ ] Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

[x] **Groundwater Contamination >Enforcement Standard** (236)

[ ] Groundwater Contamination in Right-of-Way

[ ] Off-Source Groundwater Contamination
(See attached list of impacted off-source properties)

[x] **Soil Contamination >Residual Contaminant Levels (RCLs), Site-Specific RCLs (SSRCLs)** (232)

[ ] Soil Contamination in Right-of-Way

[ ] Off-Source Soil Contamination
(See attached list of impacted off-source properties)

Land Use Controls:

[ ] Soil: Maintain Industrial Zoning (220)
(Soil contaminant concentrations between residential and industrial levels)

[ ] Structural Impediment (224)

[ ] Site-Specific Condition (228)

[ ] Cover or Barrier (222)
(Maintenance plan for groundwater or direct contact)

[ ] Vapor Mitigation (226)

[ ] Maintain Liability Exemption (230)
(For local government or economic development corporation)

Monitoring wells properly abandoned? (234)

[x] Yes [ ] No [ ] Not Applicable

GIS Registry Checklist

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 #: 03-05-544663 PARCEL ID #: AL-44

ACTIVITY NAME: Village of Allouez WTM COORDINATES: X: 677596 Y: 448089

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

- [x] **Closure Letter**
- [ ] **Maintenance Plan** (*if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.*)
- [x] **Conditional Closure Letter**
- [ ] **Certificate of Completion (COC)** for VPLE sites

SOURCE LEGAL DOCUMENTS

- [x] **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.*
- [x] **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: Certified Survey Map**
- [x] **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.

- [x] **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 and Topographic Map**
- [x] **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 Layout, Soil Boring, and Monitoring Well Locations**
- [x] **Soil Contamination Contour Map:** For sites closing with residual soil contamination, <u>this map is to show the location of all contaminated soil and a single contour</u> 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 #: 7 **Title: Estimated Horizontal Extent of Soil Contamination**

BRRTS #: 03-05-544663 ACTIVITY NAME: Village of Allouez

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 #: 3 **Title: Geologic Cross Section A-A1**

Figure #: 4 **Title: Geologic Cross Section B-B1**

☒ **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 #: 8 **Title: Estimated Horizontal Extent of Groundwater Contamination**

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

Figure #: 5 **Title: Groundwater Contours, July 10, 2006**

Figure #: 6 **Title: Groundwater Contours, February 25, 2008**

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 #: 3 **Title: Soil Analytical Results, GRO, Lead and PVOCs**

☒ **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: Groundwater Analytical Results, PVOCs, Detected VOCs and Lead**

☒ **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 #: 1 **Title: Groundwater Elevation and Monitoring Well Information Summary**

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 #: 03-05-544663 ACTIVITY NAME: Village of Allouez

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:

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
375 City Center, Suite I
Oshkosh, Wisconsin 54901-1805
TTY: Contact Through Relay
Fax: (920) 424-0217
Jim Doyle, Governor
Richard J. Leinenkugel, Secretary

November 25, 2008

Ms. Susan Foxworthy
Village of Allouez
1900 Libel Street
Green Bay, WI 54301-2453

RE: **Final Closure**

Commerce # 54301-2499-49-B DNR BRRTS # 03-05-544663
Village of Allouez, 1649 S. Webster Ave., Green Bay

Dear Ms. Foxworthy:

The Wisconsin Department of Commerce (Commerce) has received all items required as the condition for closure of the site referenced above. This site is now listed as "closed" on the Commerce database and will be included on the Department of Natural Resources (DNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual soil and groundwater contamination. To review the sites on the GIS Registry web page, visit http://dnr.wi.gov/org/aw/rr/gis/index.htm. If you intend to construct or reconstruct a potable well on this property, you must get prior DNR approval.

All current and future owners and occupants of the property need to be aware that excavation of contaminated soil may pose a hazard. If contaminated soil is excavated, the property owner must determine if it is a solid waste and ensure that any storage, treatment or disposal is in compliance with applicable State regulations and standards.

Costs for sampling and excavation activities conducted after case closure are not eligible for PECFA reimbursement. However, if it is determined that any undisturbed remaining petroleum contamination poses a health or environmental threat, the case may be reopened and further investigation or remediation may be required. If this case is reopened, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility.

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0046.

Sincerely,

Robert H. Klauk
Senior Hydrogeologist
Site Review Section

cc: Stuart A. Boerst – McMahon & Associates, Inc.

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
375 City Center, Suite I
Oshkosh, Wisconsin 54901-1805
TTY: Contact Through Relay
Fax: (920) 424-0217
Jim Doyle, Governor
Richard J. Leinenkugel, Secretary

October 29, 2008

Ms. Susan Foxworthy
Village of Allouez
1900 Libel Street
Green Bay, WI 54301-2453

RE: **Conditional Case Closure**

Commerce # 54301-2499-49-B DNR BRRTS # 03-05-544663
Village of Allouez, 1649 S. Webster Ave., Green Bay

Dear Ms. Foxworthy:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure, prepared by McMahon Associates, Inc., for the site referenced above. It is understood that residual soil and groundwater contamination remains on site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary.

The following condition must be satisfied to obtain final closure:

- Documentation of the abandonment (DNR Abandonment Form 3300-5B) of groundwater monitoring wells MW-01 through MW-05.

Information submitted with your closure request will be included on the Department of Natural Resources (DNR) GIS Registry of Closed Remediation Sites. All sites on the Registry can be viewed via the Remediation and Redevelopment (RR) Sites Map at http://dnr.wi.gov/org/aw/rr/gis/index.htm. Because residual contamination remains at the time of case closure, if you intend to construct or reconstruct a potable well on this property, you must get prior DNR approval.

All current and future owners and occupants of the property need to be aware that excavation of contaminated soil may pose a hazard. The property owner at the time of excavation must determine if the soil is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Costs for sampling and excavation activities conducted after the date of this letter are not eligible for PECFA reimbursement.

Timely filing of your final PECFA claim is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days from the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0046.

Sincerely,

Robert H. Klauk
Senior Hydrogeologist
Site Review Section

cc: Stuart A. Boerst - McMahon Associates, Inc.

DOCUMENT NO.

787858

STATE BAR OF WISCONSIN - FORM 2
WARRANTY DEED
THIS SPACE RESERVED FOR RECORDING DATA

REGISTER'S OFFICE, Brown Co., Wis.
Received for record the 27th day of March A. D. 1974 at 3:50 o'clock P M. and recorded in Vol. 1063 of Records on page 519
Harold P. Lock Register of Deeds

RETURN TO: CONDON & HANAWAY
ATTORNEYS AT LAW
312 CHERRY ST. - P.O. BOX 909
GREEN BAY, WISCONSIN 54305

BY THIS DEED, Walter O. Blasius, Sr., a/k/a Walter O. Blasius, and Louise Blasius, his wife,

Grantors, convey and warrant to the Town of Allouez, a municipal corporation,

Grantee

for a valuable consideration of One hundred twenty thousand eight hundred and no/100 ($120,800.00) Dollars

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

PARCEL NO. 1: That part of Private Claim Twelve (12), East side of Fox River, in the Town of Allouez, Brown County, Wisconsin described as follows:
Beginning at a point where the east line of Webster Avenue as it existed on September 18, 1905 intersects the south line of P. C. 12 East; thence Northerly along the east line of Webster Avenue as it existed on September 18, 1905 a distance of 60 feet; thence Easterly and parallel with the south line of P. C. 12 E a distance of 250 feet; thence Southerly parallel with Webster Avenue as it existed on September 18, 1905 to the south line of said P. C. 12 East; thence Westerly along the south line of P. C. 12 E a distance of 250 feet to the place of beginning, excepting therefrom any part thereof used for road purposes.

PARCEL NO. 2: That part of Private Claim Twelve (12), East side of Fox River, in the Town of Allouez, Brown County, Wisconsin described as follows:
Commencing on the east line of Webster Avenue as it existed on October 3, 1905, 60 feet north of the south line of P. C. 12 East; thence N 26° 16' 30" E along said east line of Webster Avenue as it existed on October 3, 1905 a distance of 121.47 feet; thence S 64° 09' E 250 feet; thence S 26° 16' 30" W 122.12 feet; thence N 64° W parallel with the claim line a distance of 250 feet to the place of beginning, excepting therefrom any part thereof used for road purposes.

EXCEPTION TO WARRANTIES: All easements, reservations, restrictions and highway matters of record.

Executed at Green Bay, Wisconsin this 27th day of March, 1974.

SIGNED AND SEALED IN PRESENCE OF

Walter O. Blasius Sr. (SEAL)
Walter O. Blasius, Sr.
Louise Blasius (SEAL)
Louise Blasius
(SEAL)
(SEAL)

Exempt under Section 77.25(2)

Signatures of Walter O. Blasius, Sr., a/k/a Walter O. Blasius, and Louise Blasius, his wife,
authenticated this 27th day of March, 1974.

Richard C. Surplice
Title: Member State Bar of Wisconsin

STATE OF WISCONSIN
County, } ss.

Personally came before me, this day of , 19 ,
the above named

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

This instrument was drafted by

Richard C. Surplice

Notary Public County, Wis.

The use of witnesses is optional.

My Commission (Expires) (Is)

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

WARRANTY DEED-STATE BAR OF WISCONSIN, FORM NO. 2 - 1971

GRAPHIC PRINTING CO., EAU CLAIRE, WIS

VOL. 1063 PAGE 519

AL 44 AL 45

73

No. 8-9. Warranty Deed—Short Form (Sec. 235.18, Wis. Statutes)

(STATE OF WISCONSIN) Form No. 9

Northwest Office Supply Co., Inc., Green Bay, Wis

628070

VOL 692 PAGE 236

This Indenture, *Made by* OTTO KNUTH, a single man,

grantor , *of* Brown *County, Wisconsin, hereby conveys and warrants to* TOWN OF ALLOUEZ, Brown County, Wisconsin,

grantee , *of* Brown *County, Wisconsin, for the sum of* One Dollar ($1.00) and other good and valuable considerations, *the following tract of land in* Brown *County, State of Wisconsin:*

Part of Private Claim No. 12, East side of Fox River, Town of Allouez, Brown County, Wisconsin, described as follows:

Commencing where the East line of South Webster Avenue intersects the South line of said Private Claim No. 12; thence N 26° 16' 30" E along the East line of said Street 181.47 feet to the point of beginning;

Thence continuing N 26° 16' 30" E along the East line of said street 168.53 feet; thence S 64° 00' E 250 feet parallel to the said South line of Private Claim No. 12' thence S 26° 16' 30" W parallel to the East line of said street 167.88 feet; thence N 64° 09' W 250 feet on a line which is an extension of the Northerly line of a building owned and used by the Knuth Wilbert Vault Works Incorporated to the point of beginning.

REGISTER'S OFFICE
Brown County., Wis.
Received for record the 15th day of April A. D. 19 65 at 1:38 o'clock P.M. and recorded in Vol. 692 of Records on page 236
Harold P. Lock
Register of Deeds

In Witness Whereof, *the said grantor has hereunto set* his *hand and seal this* 15th *day of* April *, A. D., 19* 65 .

Signed and Sealed in Presence of

E. D. Kranzush
E. D. Kranzush

C. E. Kuehn
C. E. Kuehn

Otto Knuth (SEAL)
Otto Knuth

(SEAL)

(SEAL)

(SEAL)

State of Wisconsin,
Brown *County.* } ss.

Personally came before me, this 15th *day of* April *, A. D., 19* 65 . *the above named* Otto Knuth, a single man,

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

E. D. Kranzush
E. D. Kranzush

Notary Public, Brown *County, Wis.*
My commission expires ---------- *A. D., 19* .
is permanent.

Drafted by E. D. Kranzush, Attorney-at-law

(N. B.—Ch. 59 Wis. Stat. provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary.)

AL 44-1

COUN	STATE NO	PAGE	YEAR
	05-	9	2007

COUNTY OF BROWN

REAL ESTATE ASSESSMENT ROLL FOR THE VILLAGE OF ALLOUEZ

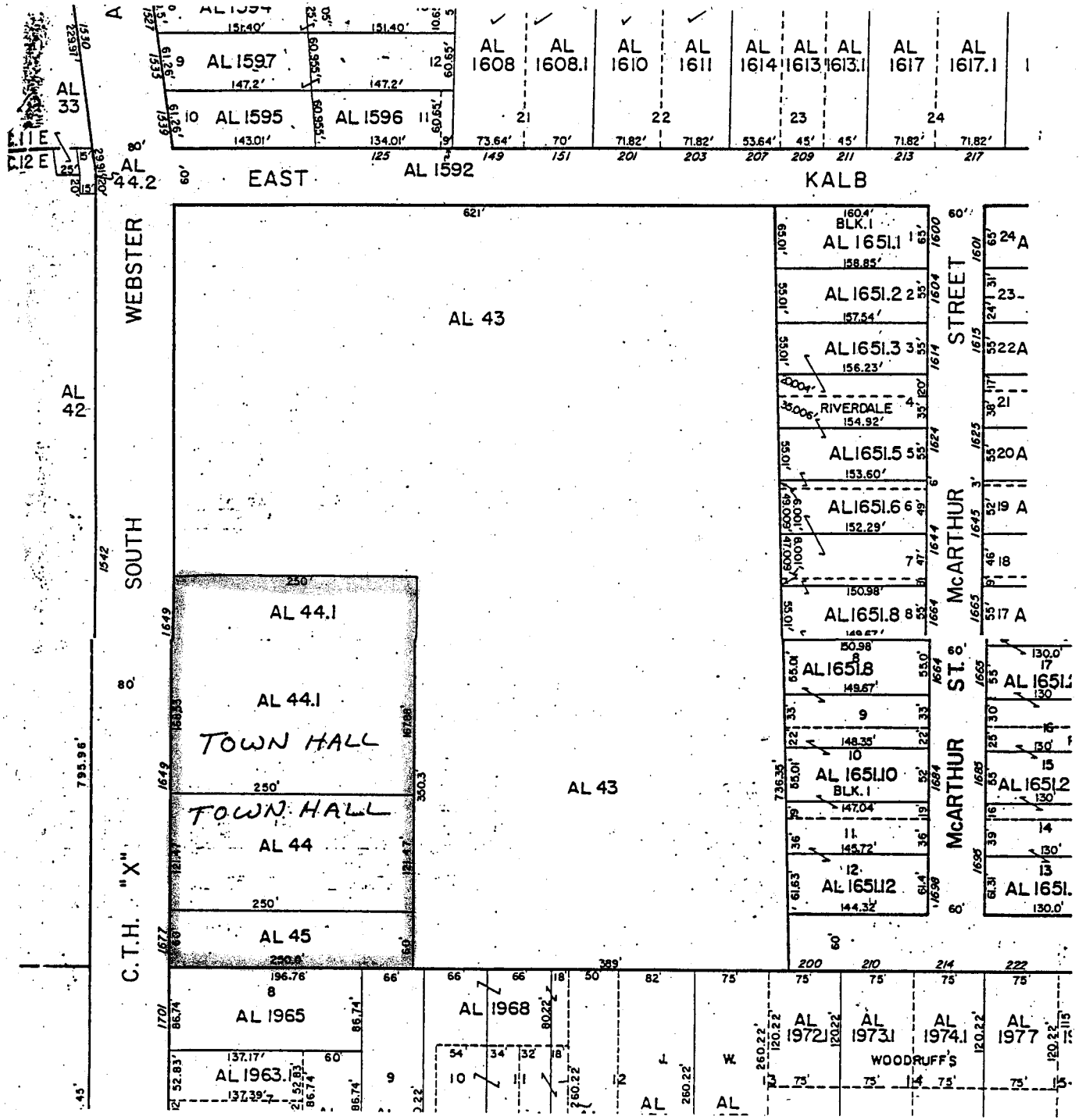
A-RESIDENTIAL
B-COMMERCIAL
C-MANUFACTURING
D-AGRICULTURAL
E-UNDEVELOPED
F-PRODUCTIVE FOREST LANDS
M-AGRICULTURAL FOREST
G-OTHL

CODE	TAXING DISTRICT

1 REG ENTERED BEFORE 1/1/72
2 REG ENTERED AFTER 12/31/71
3 SPECIAL CLASSIFICATION
4 COUNTY FOREST CROP
5 MFL OPEN ENTERED AFTER 2004
6 MFL CLOSED ENTERED AFTER 2004
7 MFL OPEN ENTERED BEFORE 2005
8 MFL CLOSED ENTERED BEFORE 2005

EXEMPT-FEDERAL
EXEMPT-STATE
EXEMPT-COUNTY
E4 EXEMPT-MUNICIPAL
E5 EXEMPT-UTILITIES
E6 EXEMPT-PAROCHIAL
E7 EXEMPT-PUBLIC SC
E8 EXEMPT-RAILROAD
E9 EXEMPT-MISC

PARCEL NUMBER / NAME AND PROPERTY LOCATION	SCHOOL DIST	ACRES RECORDED / DESCRIPTION OF PROPERTY	SEC TN RANGE	CODE	ACREAGE & VALUE OF DESCRIPTION: ACRES	LAND VALUE	IMPRVMENT VALU	TOTAL VALUE	SANIT	SPECIAL	CODE	ACRES	VALUE	CODE	ACRES
AL-42 WOODLAWN CEMETERY 1542 S WEBSTER AV WOODLAWN CEMETERY 1542 S WEBSTER AV GREEN BAY, WI 54301-2459	2289	11-D-546 22.637 AC M/L THAT PRT OF PC 12E LYG BETW MONROE AVE & WEBSTER AVE EX 900 R 211 & EX 910 R 247 BCR												E9	
AL-43 F & M BANK NORTHEAST 1601 S WEBSTER AV CITIZENS BANK /ACCOUNTS PAYABLE PO BOX 1675 FLINT, MI 48501	2289	J24226-09 96,575 SQ FT LOT 1 OF 28 CSM 304 BNG PRT OF PC 12 ESFR		B	2.217 2.217	627,900 627,900	1,270,500 1,270,500	1,898,400 1,898,400							
AL-44 ALLOUEZ VILLAGE OF 1649 BLOCK S WEBSTER AV VILLAGE OF ALLOUEZ 1900 LIBAL ST GREEN BAY WI 54301-245	2289	1063-R-519 0.697 AC M/L N 121.47 FT OF S 181.47 FT OF W 250 FT E OF WEBSTER AVE OF PC 12E												E4	
AL-44-1 ALLOUEZ VILLAGE OF 1649 S WEBSTER AV VILLAGE OF ALLOUEZ 1900 LIBAL ST GREEN BAY WI 54301-245	2289	692-R-236 0.965 AC M/L PRT PC 12E COM INSECTN S LINE & E LINE S WEBSTER AVE N26*16'30"E 181.47 FT TO BEG CONT N 26*16'30"E 168.53 FT S64*E 250 FT S26*16'30"W 167.88 FT N * * FULL LEGAL ON FILE * *												E4	
AL-44-2 ALLOUEZ VILLAGE OF S WEBSTER AV VILLAGE OF ALLOUEZ 1900 LIBAL ST GREEN BAY WI 54301-245	2289	910-R-247 0.007 AC M/L THAT PRT OF PC 12E LYG ALG W LINE WEBSTER & DESC IN 910 R 247												E4	
AL-45 ALLOUEZ VILLAGE OF 1677 S WEBSTER AV VILLAGE OF ALLOUEZ 1900 LIBAL ST GREEN BAY WI 54301-245	2289	1063-R-519 0.346 AC M/L S 60' OF W 250' E OF WEBSTER OF PC 12E												E4	
No. of Parcels	6	TOTALS			2.217	627,900	1,270,500	1,898,400							


AL 1594
AL 1597
AL 1595
AL 1596
AL 1608
AL 1608.1
AL 1610
AL 1611
AL 1614
AL 1613
AL 1613.1
AL 1617
AL 1617.1
AL 33
AL 44.2
EAST
AL 1592
KALB
WEBSTER
SOUTH
C.T.H. "X"
AL 42
AL 43
AL 44.1
TOWN HALL
AL 44
AL 45
AL 1651.1
AL 1651.2
AL 1651.3
RIVERDALE
AL 1651.5
AL 1651.6
AL 1651.8
AL 1651.10
AL 1651.12
McARTHUR
STREET
ST.
AL 1965
AL 1963.1
AL 1968
AL 1972.1
AL 1973.1
AL 1974.1
AL 1977
WOODRUFF'S

TRO COPY

1333456

4477

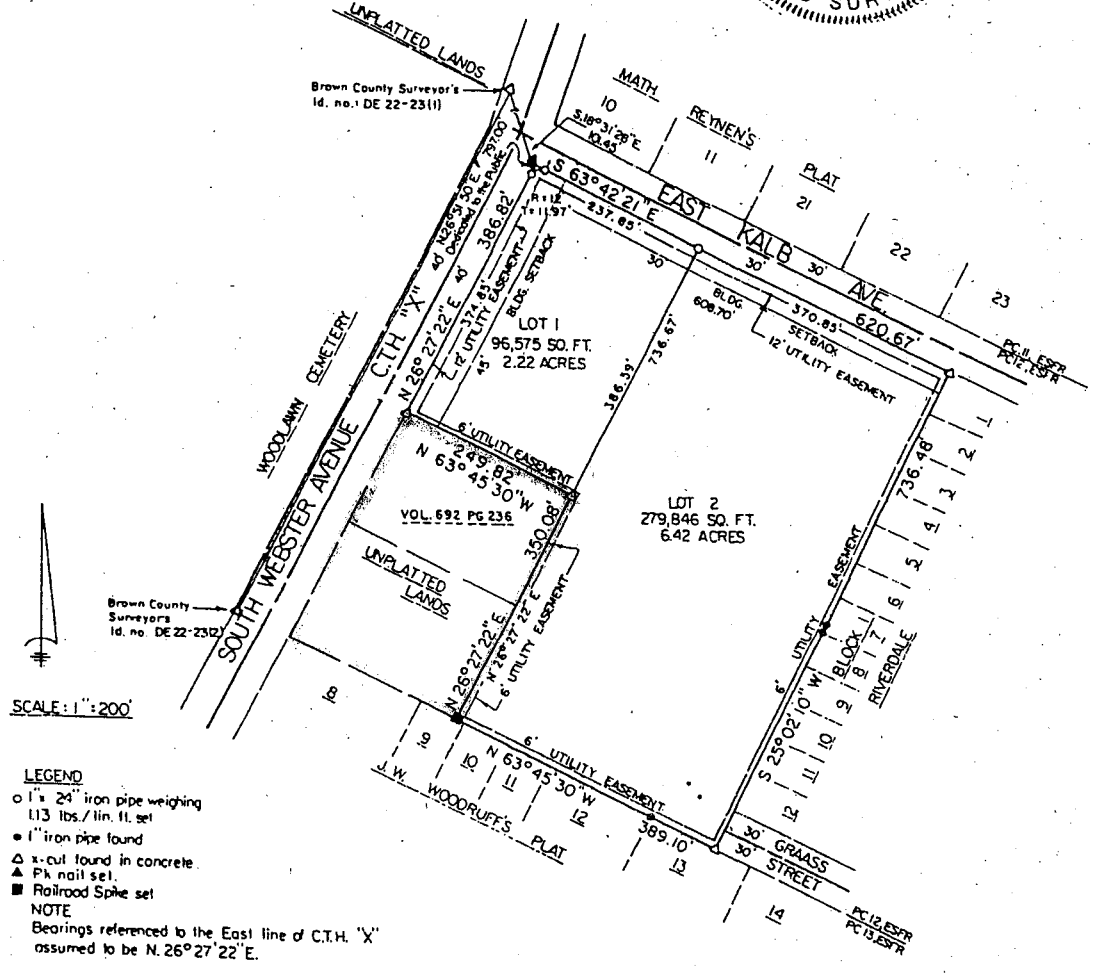
CERTIFIED SURVEY MAP

SURVEYOR'S CERTIFICATE

I, David W. Mau, Registered Land Surveyor, do hereby certify that I have surveyed, divided and mapped part of Private Claim 12, East Side Fox River, Village of Allouez, Brown County, Wisconsin, more fully described on Sheet Two.

David W. Mau S-1030
January 4, 1993
Revised March 15, 1993

WISCONSIN DAVID W. MAU S-1030 GREEN BAY WIS. LAND SURVEYOR



LEGEND
o 1" x 24" iron pipe weighing 1.13 lbs./lin. ft. set
• 1" iron pipe found
△ x-cut found in concrete
▲ Pk nail set.
■ Railroad Spike set
NOTE
Bearings referenced to the East line of C.T.H. "X" assumed to be N. 26°27'22"E.

FINAL - RECORDED

Sheet One of Three
Project No.: K-12492
Drawing No.: L-3288A

VOL 28 PAGE 304

SURVEYOR'S CERTIFICATE CONTINUED

Part of Private Claim 12, East Side Fox River, Village of Allouez, Brown County, Wisconsin, more fully described as follows:

Beginning at the intersection of the easterly right-of-way of South Webster Avenue and the southerly right-of-way of East Kalb Avenue; thence S63°42'21"E, 620.67 feet along the southerly right-of-way of East Kalb Avenue, to the northwesterly corner of Lot 1, Block 1, recorded plat of Riverdale; thence S25°02'10"W, 736.48 feet along the westerly line of said plat of Riverdale to the northerly line of Lot 13, recorded plat of J. W. Woodruff's Plat; thence N63°45'30'W, 389.10 feet along the northerly line of said plat of J. W. Woodruff's Plat, also being the southerly line of Private Claim 12, East Side Fox River; thence N26°27'22"E, 350.08 feet along the extension of and the easterly line of Volume 692, Records, page 236, Brown County Records; thence N63°45'30"W, 249.82 feet along the northerly line of said Volume and page, to the easterly right-of-way of South Webster Avenue; thence N26°27'22"E, 386.82 feet along said easterly right-of-way to the point of beginning.
Parcel contains 376,452 square feet/8.64 acres, more or less.
Road dedication contains 31 square feet, more or less.

That such plat is a correct representation of all the exterior boundaries of the land survey and the division thereof. That I have made such a survey, land division and plat by the direction of the owners listed hereon. That I have fully complied with the provisions of Chapter 236, section 236.34 of the Wisconsin Statutes, the Village of Allouez and the Brown County Planning Commission in surveying, dividing and mapping the same.

David W. Mau S-1030
January 4, 1993

WISCONSIN DAVID W. MAU S-1030 GREEN BAY WIS. LAND SURVEYOR

CERTIFICATE OF THE VILLAGE OF ALLOUEZ

Approved for the Village of Allouez this 17 day of February, 1993.

Susan Foxworthy
Allouez Village Clerk

CERTIFICATE OF THE BROWN COUNTY PLANNING COMMISSION

Approved for the Brown County Planning Commission this 16th day of MARCH, 1993.

Chris Knight, Senior Planner
~~Patrick M. Vaile~~
~~Principal Planner~~

Sheet Two of Three
Project No.: K-12492
Drawing No.: L-3288B

1333456

OWNER'S CERTIFICATE

As Owners, We hereby certify that we caused the land described on this Certified Survey Map to be surveyed, divided, mapped and dedicated as represented hereon. We also certify that this Certified Survey Map is required to be presented to the Village of Allouez and the Brown County Planning Commission for approval or objection in accordance with current Land Subdivision Ordinances.

Irwin Harris

Personally came before me this 4TH day of FEBRUARY, 1993, the above named Owners, to me known to be the persons who executed the foregoing instrument and acknowledged the same.

Notary Public Philip J. Hilgenberg
Brown County Wisconsin

My Commission Expires July 2, 1994

RESTRICTIVE COVENANTS

The land on all side and rear lot lines of all lots shall be graded by the subdivider and maintained by the abutting property owners to provide for adequate drainage of surface water.
Each lot owner shall grade the property abutting a street to conform to the adopted sidewalk grade elevation and maintain said elevation for future sidewalks.

REGISTER'S OFFICE
Brown Co., Wis.
Received for record the 16
day of March A.D. 19 93
at 9:44 o'clock A.M.
and recorded in Vol. 28 of
Certified Survey Maps on Page 304
Cathy Wickgiette Brunig
Register of Deeds
14.00

WISCONSIN
DAVID W. MAU
S-1030
GREEN BAY
WIS.
LAND SURVEYOR

1/8/93

Sheet Three of Three
Project No.: K-12492
Drawing No.: L-3288C

VILLAGE OF ALLOUEZ

Allouez Village Hall • 1900 Libal Street • Green Bay, WI 54301-2453 • (920) 448-2800 • Fax (920) 448-2850

January 22, 2008

To Whom It May Concern:

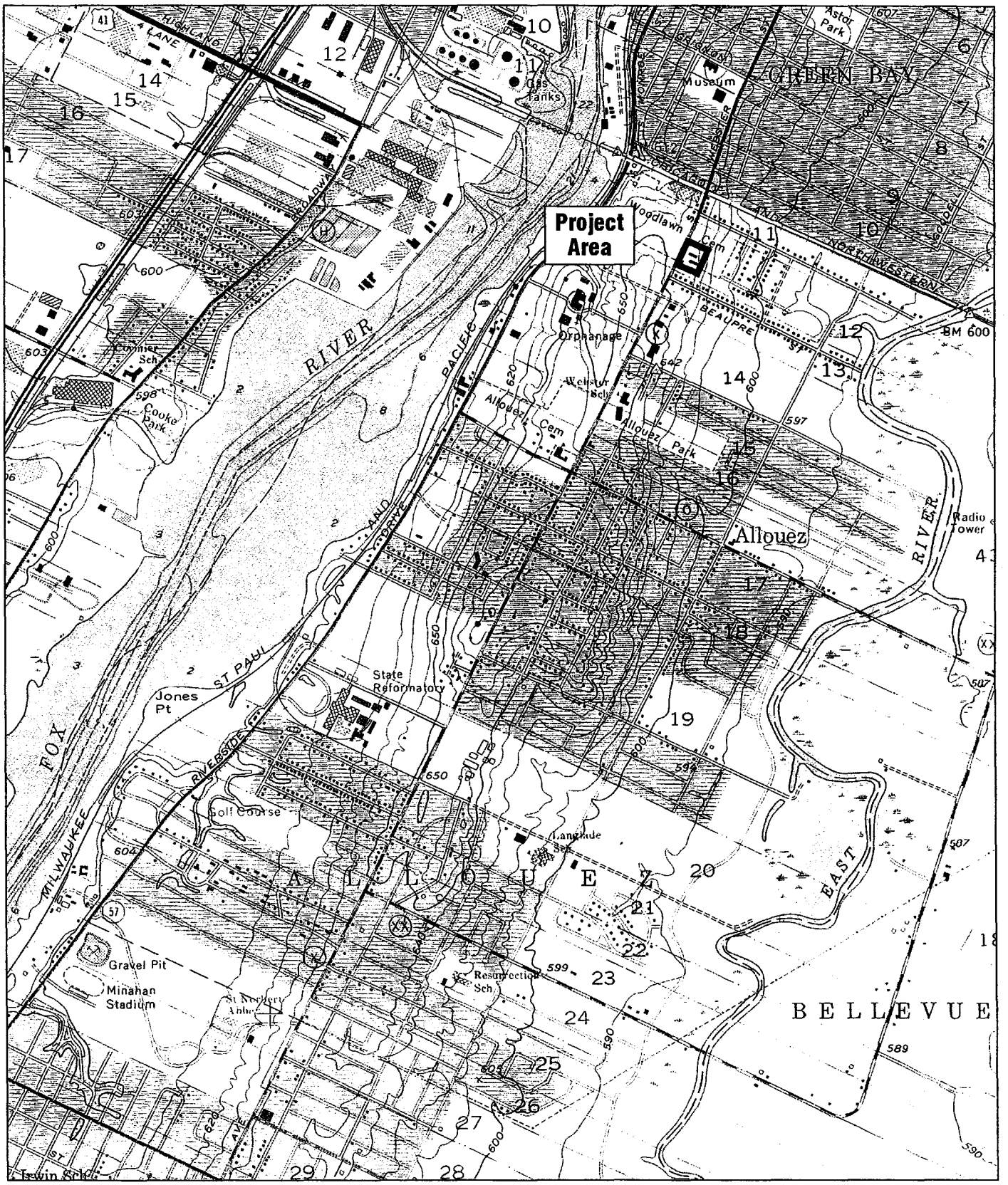
This letter is to certify that to the best of my knowledge the legal description on the attached property deed accurately reflects the property containing residual petroleum contaminated soil.

Sincerely,

Susan L. Foxworthy

Susan L. Foxworthy
Administrator

VILLAGE OF ALLOUEZ



Map Source: United States Department of The Interior Geological Survey, DePere Quadrangle, Wisconsin, 7.5 Minute Series, 1971

N

SCALE: 1" = 2000'

McMAHON ASSOCIATES

ENGINEERS | ARCHITECTS | SURVEYORS | PROJECT MANAGERS

FIGURE 1

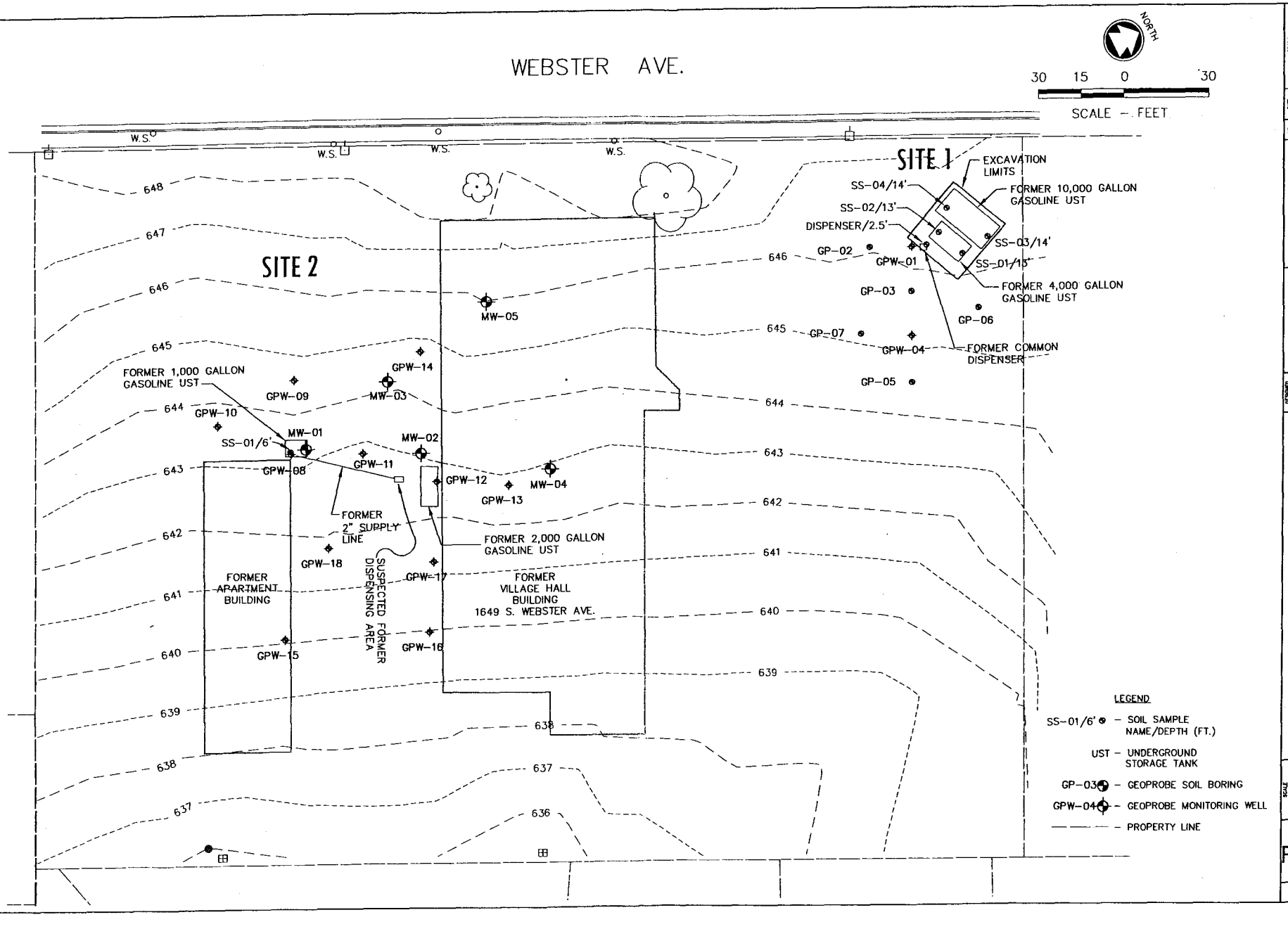
SITE LOCATION & TOPOGRAPHIC MAP

ALLOUEZ VILLAGE HALL PROPERTY

1649 S. WEBSTER AVENUE, ALLOUEZ, WI

McM #A0012-960460.44 2/9/2007

ID: PPT\2007\MCM WI\SAB-ALLOUEZ VILLAGE HALL SITE ASSESS.PPT SAB:jmk



McMAHON ASSOCIATES

SITE LAYOUT, SOIL BORING & MONITORING WELL LOCATIONS
FORMER VILLAGE HALL SITE (SITE 2)
VILLAGE OF ALLOUEZ, BROWN COUNTY, WISCONSIN

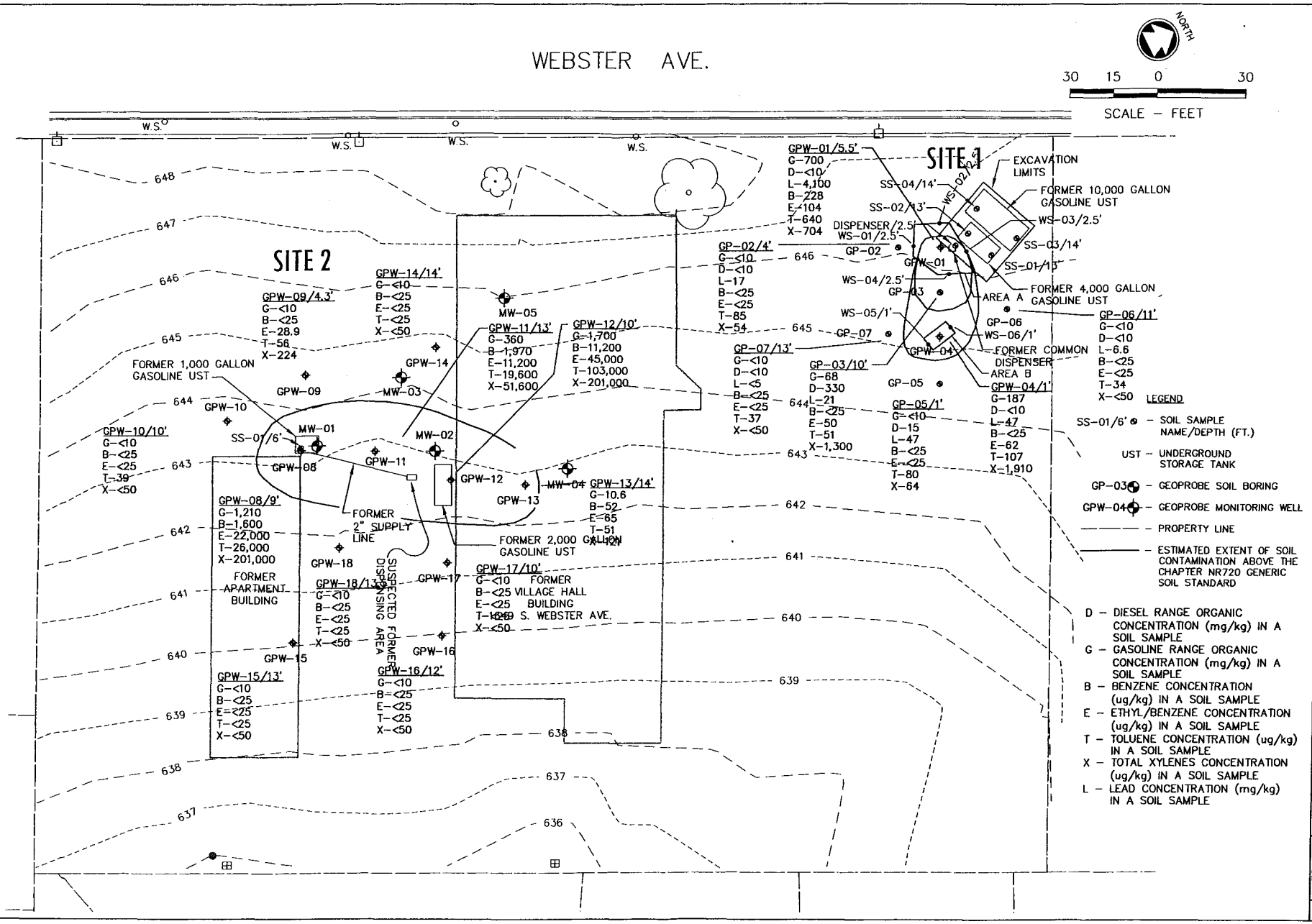
SCALE 1" = 30'
DATE SEPT. 2008
PROJECT NO. A0012-970141.08
SHEET NO.

FIG.2

FILE NO. CAD

DESIGNED SAB
DRAWN MJA
CHECKED

mcbsing W:\DWG\A0012\970141\08\FIG02_S2.dwg 09/18/08 11:48 AM (X-HALL-SITE X-CONTOUR)

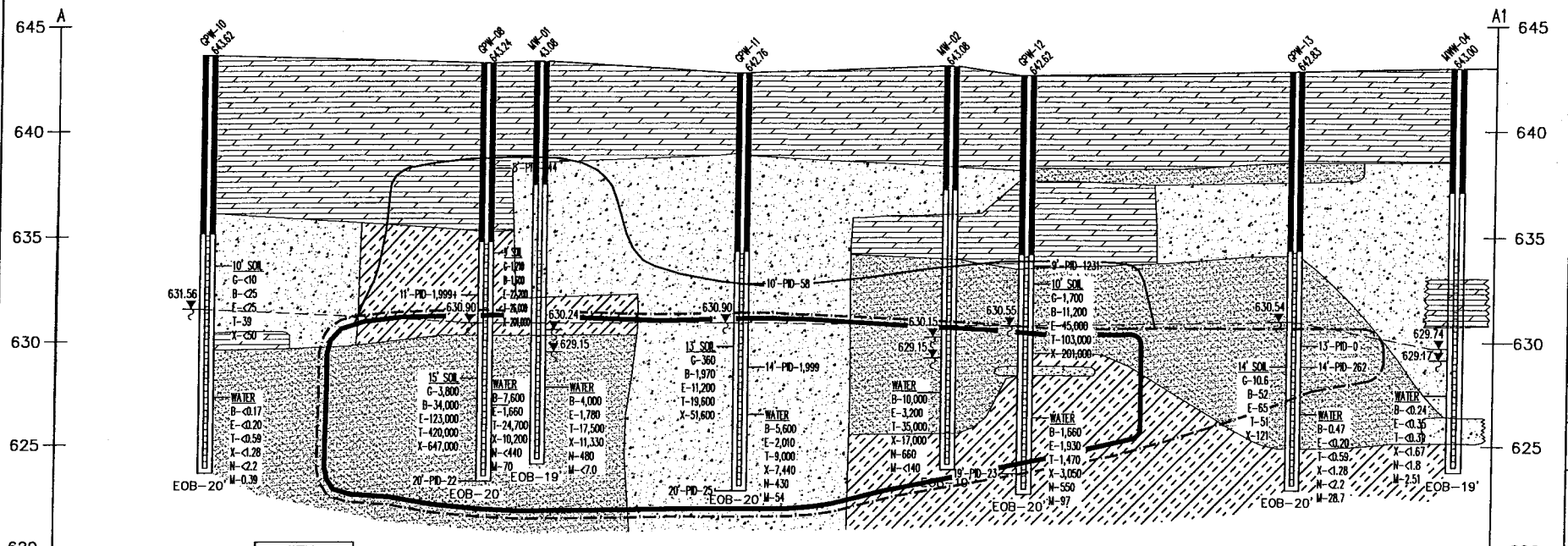


ESTIMATED HORIZONTAL EXTENT OF SOIL CONTAMINATION
FORMER VILLAGE HALL SITE (SITE 2)
VILLAGE OF ALLOUEZ, BROWN COUNTY, WISCONSIN

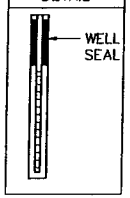
McMAHON ASSOCIATES

SCALE 1" = 30'
DATE SEPT., 2008
PROJECT NO. A0012-970141.08
SHEET NO. FIG.7
FILE NO. CAD

mapping W:\DWG\A0012\970141\08\FIG07_S2.dwg 09/19/08 12:02 PM (X-HALL-SITE, X-CONTOUR)



WELL CONSTRUCTION DETAIL



LEGEND

- CLAYEY SILT
- SILTY CLAY
- SILTY SAND
- FINE SAND

SCALE
VERTICAL SCALE 1"=5'
HORIZONTAL SCALE 1"=10'

G —GASOLINE RANGE ORGANICS CONCENTRATION (mg/kg) IN A SOIL SAMPLE

D —DIESEL RANGE ORGANICS CONCENTRATION (mg/kg) IN A SOIL SAMPLE

B —BENZENE IN A SAMPLE (water-ug/l, soil-ug/kg)

E —ETHYLBENZENE IN A SAMPLE (water-ug/l, soil-ug/kg)

T —TOLUENE IN A SAMPLE (water-ug/l, soil-ug/kg)

X —XYLENES IN A SAMPLE (water-ug/l, soil-ug/kg)

N —NAPHTHALENE CONCENTRATION (ug/l) IN A GROUNDWATER SAMPLE

M —METHYL-TERT-BUTYL-ETHER CONCENTRATION (ug/l) IN A GROUNDWATER SAMPLE

PID —PHOTOIONIZATION DETECTOR READING IN A SOIL SAMPLE

EOB —END OF BORING

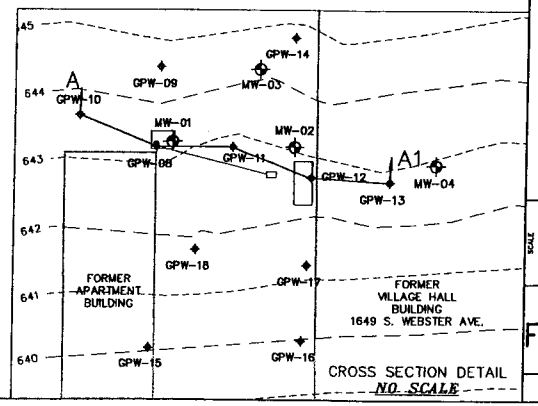
630.90 — WATER TABLE ELEVATION (HIGH & LOW ELEVATIONS)

GPW-11 —GEOPROBE MONITORING WELL

—ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION ABOVE THE ENFORCEMENT STANDARDS OF CHAPTER NR 140.10

—ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION ABOVE THE PREVENTIVE ACTION LIMIT OF CHAPTER NR 140.10

—ESTIMATED EXTENT OF CONTAMINATED SOIL ABOVE THE NR 720 GENERIC SOIL STANDARDS

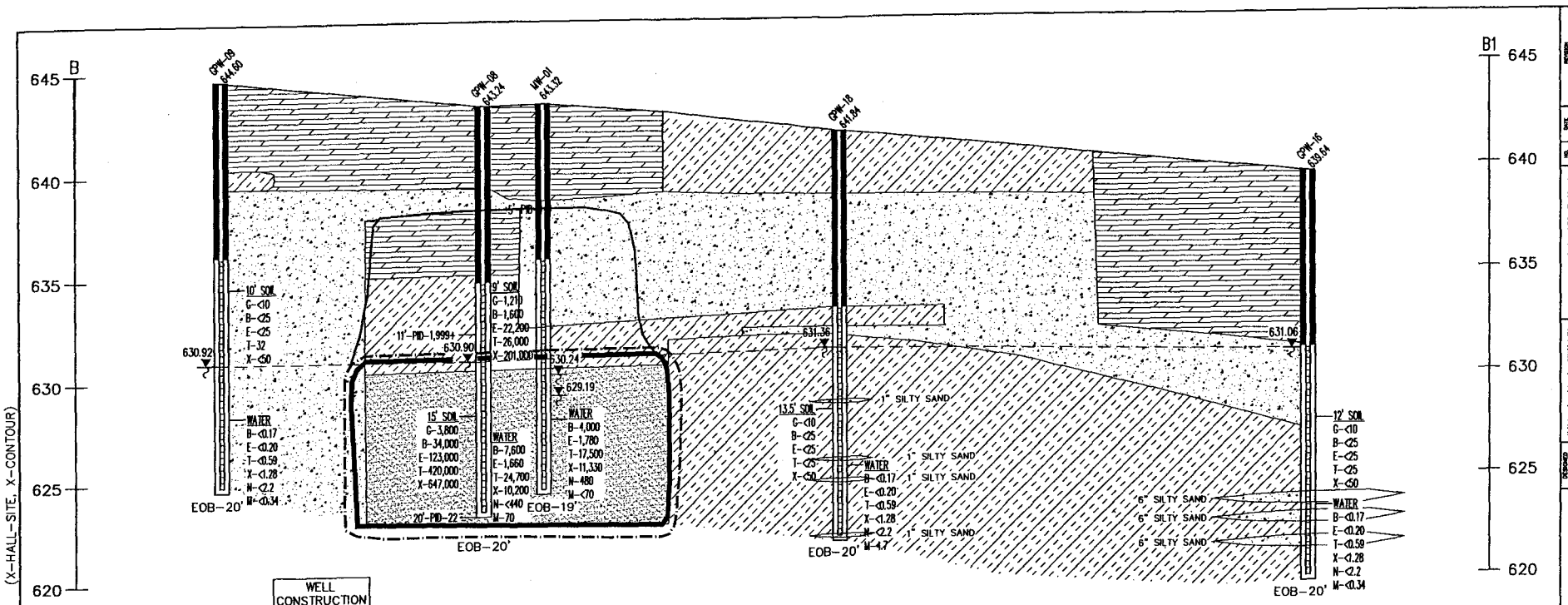


McMAHON ASSOCIATES

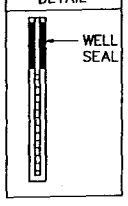
GEOLIGIC CROSS SECTION A-A1
FORMER VILLAGE HALL SITE (SITE 2)
VILLAGE OF ALLOUEZ, BROWN COUNTY, WISCONSIN

SCALE: AS NOTED
DATE: SEPT., 2008
PROJECT NO.: A0012-970141.08
SHEET NO.: FIG.3
FILE NO.: CAD

mabing W:\DWG\A0012\970141\08\FIG03_S2.dwg 09/22/08 12:45 PM (X-HALL-SITE, X-CONTOUR)



WELL CONSTRUCTION DETAIL



LEGEND

- CLAYEY SILT
- SILTY CLAY
- SILTY SAND
- FINE SAND

G —GASOLINE RANGE ORGANICS CONCENTRATION (mg/kg) IN A SOIL SAMPLE

D —DIESEL RANGE ORGANICS CONCENTRATION (mg/kg) IN A SOIL SAMPLE

B —BENZENE IN A SAMPLE (water-ug/l, soil-ug/kg)

E —ETHYLBENZENE IN A SAMPLE (water-ug/l, soil-ug/kg)

T —TOLUENE IN A SAMPLE (water-ug/l, soil-ug/kg)

X —XYLENES IN A SAMPLE (water-ug/l, soil-ug/kg)

N —NAPHTHALENE CONCENTRATION (ug/l) IN A GROUNDWATER SAMPLE

M —METHYL-TERT-BUTYL-ETHER CONCENTRATION (ug/l) IN A GROUNDWATER SAMPLE

PID —PHOTOIONIZATION DETECTOR READING IN A SOIL SAMPLE

EOB —END OF BORING

SCALE
VERTICAL SCALE 1"=5'
HORIZONTAL SCALE 1"=10'

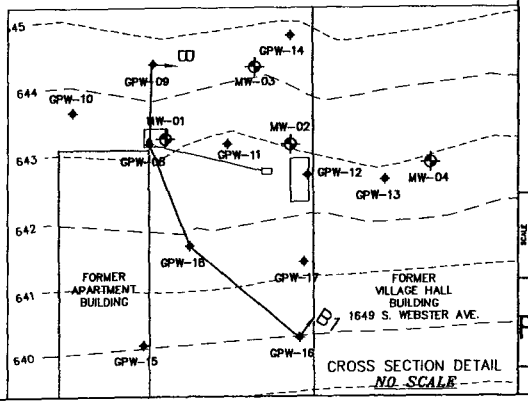
630.90 — WATER TABLE ELEVATION (HIGH & LOW ELEVATIONS)

GPW-11 —GEOPROBE MONITORING WELL

—ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION ABOVE THE ENFORCEMENT STANDARDS OF CHAPTER NR 140.10

—ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION ABOVE THE PREVENTIVE ACTION LIMIT OF CHAPTER NR 140.10

—ESTIMATED EXTENT OF CONTAMINATED SOIL ABOVE THE NR 720 GENERIC SOIL STANDARDS



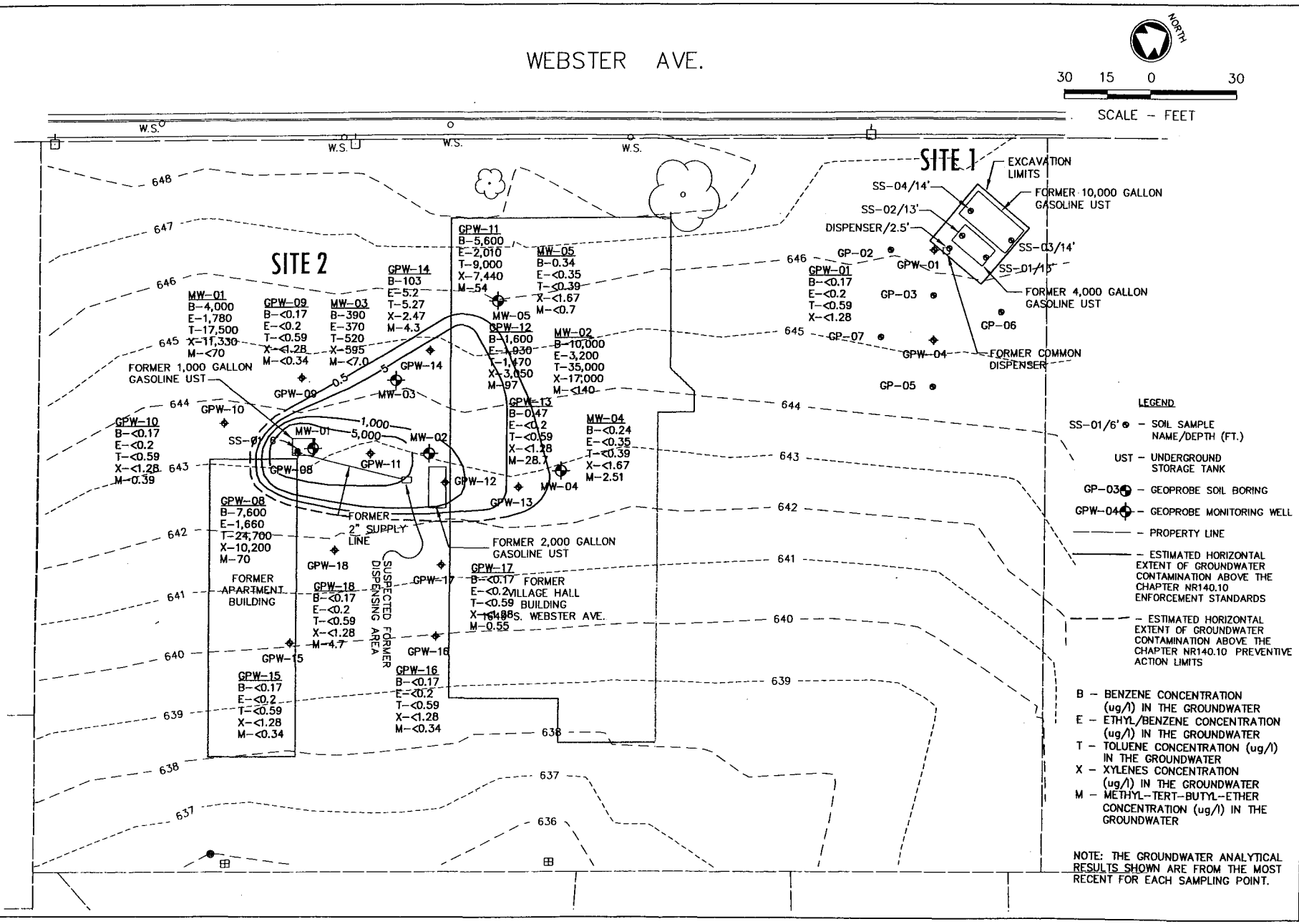
CROSS SECTION DETAIL
NO SCALE

McMAHON ASSOCIATES

GEOLIGIC CROSS SECTION B-B1
FORMER VILLAGE HALL SITE (SITE 2)
VILLAGE OF ALLOUEZ, BROWN COUNTY, WISCONSIN

SCALE: AS NOTED
DATE: SEPT., 2008
PROJECT NO.: A0012-970141.08
SHEET NO.: FIG.4
FILE NO.: CAD

mabing W:\DWG\A0012\970141\08\FIG04_S2.dwg 09/16/08 12:17 PM (X-HALL-SITE, X-CONTOUR)



LEGEND

SS-01/6' ⊗ – SOIL SAMPLE NAME/DEPTH (FT.)

UST – UNDERGROUND STORAGE TANK

GP-03 ⊕ – GEOPROBE SOIL BORING

GPW-04 ⊕ – GEOPROBE MONITORING WELL

——— – PROPERTY LINE

——— – ESTIMATED HORIZONTAL EXTENT OF GROUNDWATER CONTAMINATION ABOVE THE CHAPTER NR140.10 ENFORCEMENT STANDARDS

– – – – – ESTIMATED HORIZONTAL EXTENT OF GROUNDWATER CONTAMINATION ABOVE THE CHAPTER NR140.10 PREVENTIVE ACTION LIMITS

B – BENZENE CONCENTRATION (ug/l) IN THE GROUNDWATER
E – ETHYL/BENZENE CONCENTRATION (ug/l) IN THE GROUNDWATER
T – TOLUENE CONCENTRATION (ug/l) IN THE GROUNDWATER
X – XYLENES CONCENTRATION (ug/l) IN THE GROUNDWATER
M – METHYL-TERT-BUTYL-ETHER CONCENTRATION (ug/l) IN THE GROUNDWATER

NOTE: THE GROUNDWATER ANALYTICAL RESULTS SHOWN ARE FROM THE MOST RECENT FOR EACH SAMPLING POINT.

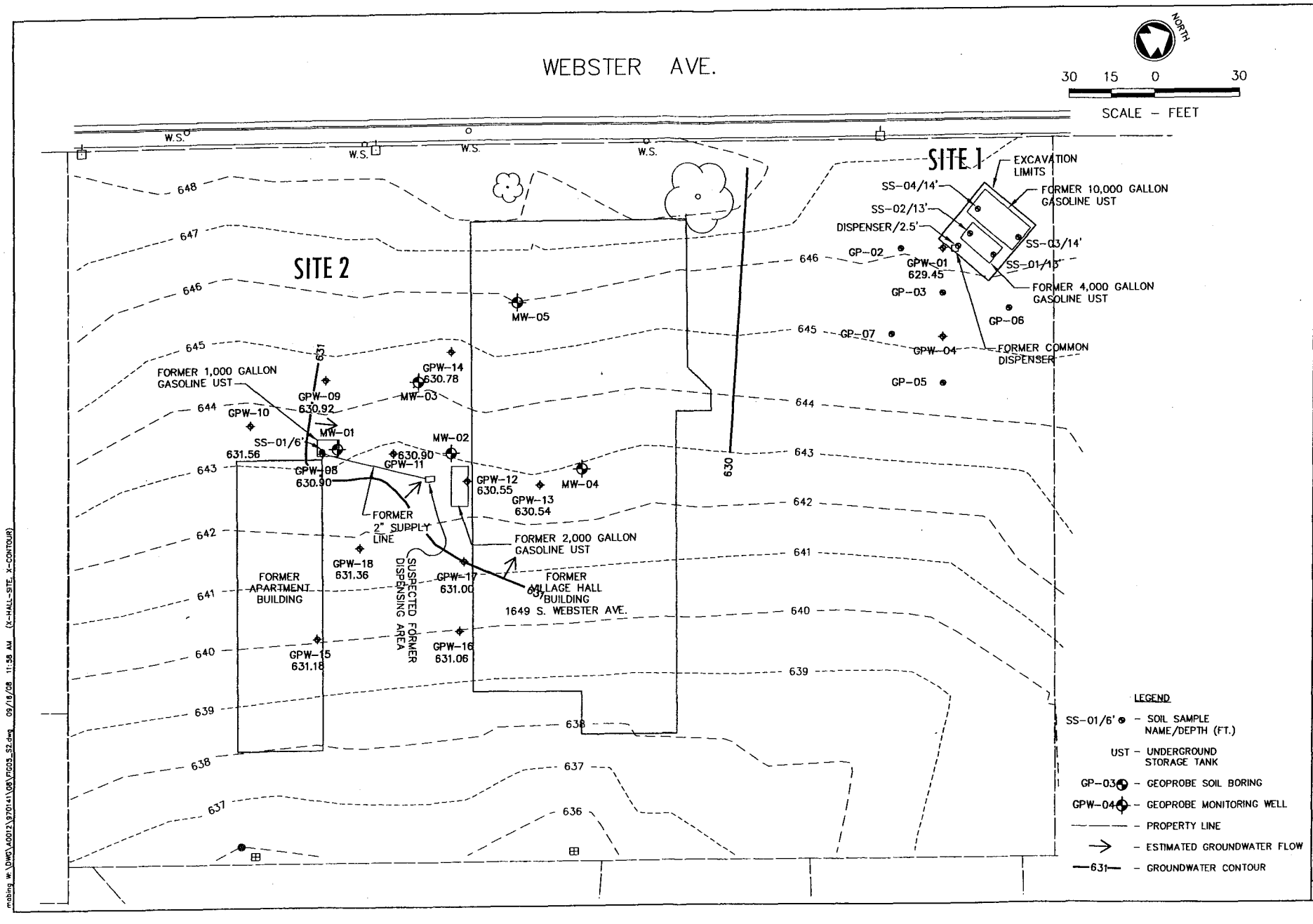
McMAHON ASSOCIATES

ESTIMATED HORIZONTAL EXTENT OF GROUNDWATER CONTAMINATION
FORMER VILLAGE HALL SITE (SITE 2)
VILLAGE OF ALLOUEZ, BROWN COUNTY, WISCONSIN

DESIGNED SAB
DRAWN MJA
CHECKED

SCALE 1" = 30'
DATE SEPT., 2008
PROJECT NO. A0012-970141.08
SHEET NO.
FIG. 8
FILE NO. CAD

mabing W:\DWG\A0012\970141\08\FIG08_S2.dwg 09/16/08 12:01 PM (X-HALL-SITE, X-CONTOUR)



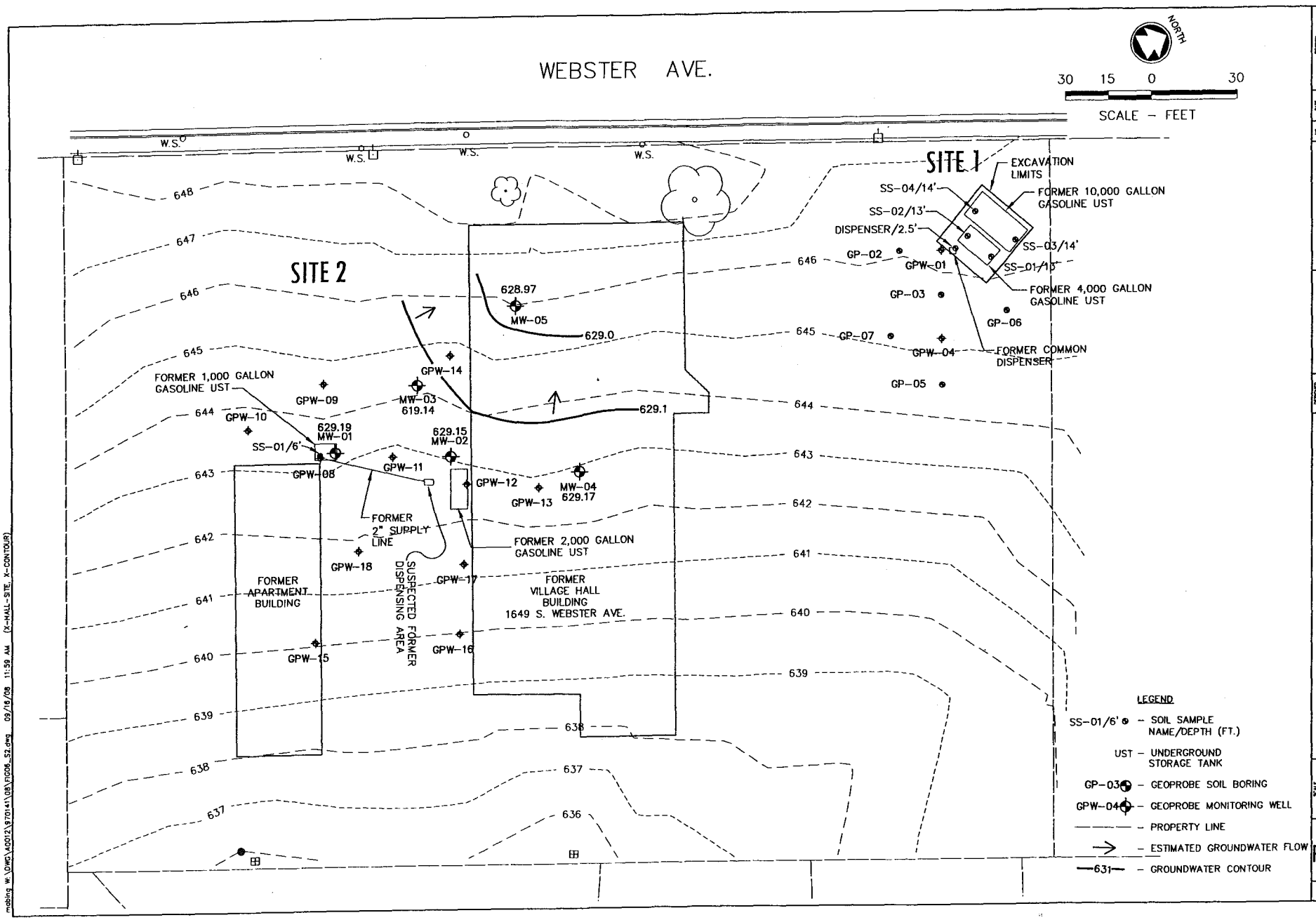
GROUNDWATER CONTOURS - JULY 10, 2006
FORMER VILLAGE HALL SITE (SITE 2)
VILLAGE OF ALLOUEZ, BROWN COUNTY, WISCONSIN

McMAHON ASSOCIATES

SCALE 1" = 30'
DATE SEPT. 2006
PROJECT NO. A0012-970141.08
SHEET NO. FIG.5
FILE NO. CAD

DESIGNED SAB
DRAWN RWG
CHECKED

mabing W:\DWG\A0012\970141\08\F005_S2.dwg 09/18/08 11:58 AM (X-HALL-SITE, X-CONTOUR)



McMAHON ASSOCIATES

GROUNDWATER CONTOURS FEB. 25, 2008
FORMER VILLAGE HALL SITE (SITE 2)
VILLAGE OF ALLOUEZ, BROWN COUNTY, WISCONSIN

SCALE 1" = 30'
DATE SEPT., 2008
PROJECT NO. A0012-970141.08
SHEET NO.
FIG.6
FILE NO. CAD

mabing W:\DWG\A0012\970141\08\FIG06_S2.dwg 09/18/08 11:59 AM (X-HALL-SITE, X-CONTOUR)

Table #3

SOIL ANALYTICAL RESULTS
GRO, Lead & PVOC's
Village of Allouez Town Hall
1649 South Webster Avenue, Allouez, Wisconsin

Sample Name / Depth (feet)	Sample Date	GRO (mg/kg)	Lead (mg/kg)	Benzene (ug/kg)	Ethyl Benzene (ug/kg)	Methyl-tert butyl-ether (ug/kg)	Toluene (ug/kg)	1,2,4 Trimethyl benzene (ug/kg)	1,3,5 Trimethyl benzene (ug/kg)	Total Xylenes (ug/kg)
SS-01/6'	11/28/05	200	11	<25	3,300	<25	1,900	23,000	7,100	21,700
GPW-08/9'	05/04/06	1,210	13	1,600	22,200	<250	26,000	115,000	39,000	201,000
GPW-08/12'	05/04/06	650	8.2	3,130	13,700	<25	29,100	27,900	11,200	78,500
GPW-08/15'	05/04/06	3,800	<5	34,000	123,000	<2500	420,000	330,000	99,000	647,000
GPW-08/20'	05/04/06	<10	<5	146	55	<25	370	50	<25	244
GPW-09/4'	05/05/06	<10	28	<25	<25	<25	54	60	<25	61
GPW-09/4.3'	05/05/06	<10	26	<25	28.9	<25	56	103	32	224
GPW-09/10'	05/05/06	<10	<5	<25	<25	<25	32	<25	<25	<75
GPW-09/15'	05/05/06	<10	8.3	<25	<25	<25	37	<25	<25	<75
GPW-10/10	05/05/06	23	6.1	<25	<25	<25	39	<25	<25	<75
GPW-11/10'	05/05/06	360	16	940	1,160	<25	1,380	2,600	770	2,630
GPW-11/13'	05/05/06	<10	<5	1,970	11,200	<125	19,600	29,800	9,800	51,600
GPW-11/20'	05/05/06	1,700	<5	<25	<25	<25	32	<25	<25	<75
GPW-12/10'	05/05/06	180	10	11,200	45,000	<250	103,000	99,000	35,000	201,000
GPW-12/15'	05/05/06	<10	14	4,700	10,100	<25	12,200	17,500	4,500	36,600
GPW-12/20'	05/05/06	<10	11	<25	<25	<25	<25	<25	<25	<75
GPW-13/11'	05/05/06	10.6	<5	<25	<25	<25	<25	<25	<25	<75
GPW-13/14'	05/05/06	<10	<5	52	65	<25	51	76	43	121
GPW-13/17.5'	05/05/06	<10	<5	<25	<25	<25	<25	<25	<25	<75
GPW-14/14'	05/05/06	<10	<5	<25	<25	<25	<25	<25	<25	<75
GPW-15/13'	05/05/06	<10	<5	<25	<25	<25	<25	<25	<25	<75
GPW-16/12'	05/05/06	<10	9.2	<25	<25	<25	<25	<25	<25	<75
GPW-17/10'	05/05/06	<10	<5	<25	<25	<25	<25	<25	<25	<75
GPW-17/15'	05/05/06	<10	<5	<25	<25	<25	<25	<25	<25	<75
GPW-18/13.5'	05/05/06	<10	<5	<25	<25	<25	<25	<25	<25	<75
NR 720 Generic Soil Standard		100	50.0	5.5	2,900.0	----	1,500.0	----	----	4,100.0

EXPLANATION:

GRO = Gasoline Range Organics
PVOC = Petroleum Volatile Organic Compounds
VOC = Volatile Organic Compounds
---- = No Established State Soil Standard
N/A = Not Analyzed

ug/kg = Microgram / Kilogram (ppb)
mg/kg = Milligram / Kilogram (ppm)
< = Less Than
* = Analyte Detected Between Limit Of Detection & Limit Of Quantitation
[ ] = Exceeds Chapter NR 720 Generic Soil Standards

Table #4

GROUNDWATER ANALYTICAL RESULTS
PVOC's, Detected VOC's & Lead
Village of Allouez Town Hall
1649 South Webster Avenue, Allouez, Wisconsin

Well Name	Sample Date	Benzene (ug/l)	Ethyl Benzene (ug/l)	Methyl-tert Butyl-Ether (ug/l)	Toluene (ug/l)	1,2,4 Trimethyl Benzene (ug/l)	1,3,5 Trimethyl Benzene (ug/l)	Total Xylenes (ug/l)	Naphthalene (ug/l)	1,2-Dichloroethane (ug/l)	Lead (ug/l)	n-Butyl Benzene (ug/l)	Isopropyl Benzene (ug/l)	n-Propyl Benzene (ug/l)	Chloromethane (ug/l)	Di-isopropyl Ether (ug/l)	P-isopropyl Toluene (ug/l)
MW-01	08/06/07	2,310	1,650	<52	10,700	1,740	470	7,540	340*	<45	<3.5	69*	70*	247	<100	<130	<35
	11/08/07	1,330	1,170	<52	6,300	1,260	320	6,320	280*	NA	NA	NA	NA	NA	NA	NA	NA
	02/25/08	600	650	<62	3,200	880	273	3,190	270*	NA	NA	NA	NA	NA	NA	NA	NA
	05/23/08	4,000	1,780	<70	17,500	2,070	520	11,330	480*	NA	NA	NA	NA	NA	NA	NA	NA
MW-02	08/06/07	13,000	4,300	84*	43,000	3,040	770	17,900	810	<45	<3.5	97*	154	480	<100	<130	<35
	11/08/07	13,500	4,000	<104	38,000	2,540	620	16,800	730*	NA	NA	NA	NA	NA	NA	NA	NA
	02/25/08	10,700	3,200	89*	33,000	2,390	730	13,800	660	NA	NA	NA	NA	NA			
	05/23/08	10,000	3,700	<140	35,000	2,750	710	17,000	660*	NA	NA	NA	NA	NA	NA	NA	NA
MW-03	08/06/07	710	690	<10.4	950	720	106	1,291	136	<9.0	<3.5	15.6*	37	120	<20	<26	<7
	11/08/07	390	370	<5.2	360	340	<3.7	621	92	NA	NA	NA	NA	NA	NA	NA	NA
	02/25/08	181	176	<6.2	102	84	<6.8	189	55	NA	NA	NA	NA	NA	NA	NA	NA
	05/23/08	390	370	<7.0	520	400	<2.3	595	103	NA	NA	NA	NA	NA	NA	NA	NA
MW-04	08/06/07	<0.47	<0.38	15.2	<0.46	<1.2	<0.37	<0.99	<1.8	<0.45	<3.5	<0.52	<0.48	<0.38	<1	<1.3	<0.35
	11/08/07	<0.47	<0.38	12	<0.46	<1.2	<0.37	<0.99	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/25/08	<0.49	<0.68	14.4	<0.46	<0.74	<0.68	<1.85	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/23/08	<0.24	<0.35	2.51	<0.39	<0.51	<0.23	<1.67	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-05	08/06/07	<0.47	<0.38	0.52*	<0.46	<1.2	<0.37	<0.99	<1.8	<0.45	<3.5	<0.52	<0.48	<0.38	<1	<1.3	<0.35
	11/08/07	<0.47	<0.38	<0.52	<0.46	<1.2	<0.37	<0.99	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/25/08	<0.49	<0.68	<0.62	<0.46	<0.74	<0.68	<1.85	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/23/08	0.34*	<0.35	<0.7	<0.39	<0.51	<0.23	<1.67	NA	NA	NA	NA	NA	NA	NA	NA	NA
GPW-08	07/13/06	7,600	1,660	70*	24,700	1,400	340*	10,200	<440	<144	<0.7	<220	<198	<122	<182	<15.8	<15.8
GPW-09	07/12/07	<0.17	<0.20	<0.34	<0.59	<0.16	<1.2	<1.28	<2.2	<0.72	<0.7	<1.1	<0.99	<0.61	<0.91	<0.079	<0.81
GPW-10	07/12/06	<0.17	<0.20	<0.39*	<0.59	<0.16	<1.2	<1.28	<2.2	<0.72	0.9*	<1.1	<0.99	<0.61	1.54*	<0.079	<0.81
GPW-11	07/13/06	5,600	2,010	54*	9,000	1,520	264*	7,440	430*	<72	<0.7	<110	<99	216	<91	<7.9	<81
GPW-12	07/13/06	1,660	1,930	97*	1,470	2,750	660	3,050	550*	<72	<0.7	<110	133*	390	<91	<7.9	<81
GPW-13	07/12/06	0.47*	<0.2	28.7	<0.59	<1.5	<1.4	<1.28	<2.2	0.60*	<0.7	<1.1	<0.99	<0.61	1.13*	0.11*	<0.81
GPW-14	07/12/06	104	5.2	4.3	2.47	3.8	1.71*	4.27	53	<0.72	NA	4	27.4	2.1	1.18*	<0.079	1.85*
GPW-15	07/12/06	<0.17	<0.2	<0.34	<0.59	<0.16	<1.2	<1.28	<2.2	<0.72	NA	<1.1	<0.99	<0.61	1.08*	<0.039	<0.81
GPW-16	07/12/06	<0.17	<0.2	<0.34	<0.59	<0.16	<1.2	<1.28	<2.2	<0.72	NA	<1.1	<0.99	<0.61	<0.91	<0.079	<0.81
GPW-17	07/12/06	<0.17	<0.2	0.55*	<0.59	<0.16	<1.2	<1.28	<2.2	<0.72	NA	<1.1	<0.99	<0.61	<0.91	<0.079	<0.81
GPW-18	07/12/06	<0.17	<0.2	4.7	<0.59	<0.16	<1.2	<1.28	<2.2	<0.72	NA	<1.1	<0.99	<0.61	<0.91	<0.079	<0.81
Enforcement Standard, Chapter NR 140.10		5.0	700	60	1,000	480 ***		10,000	40	5.0	15	---	---	---	---	---	---
Preventive Action Limit, Chapter NR 140.10		0.5	140	12	200	96 ***		1,000	8	0.5	1.5	---	---	---	---	---	---

EXPLANATION:
PVOC = Petroleum Volatile Organic Compounds
VOC = Volatile Organic Compounds
--- = No Established State Groundwater Standard
* = Analyte Detected Between Limit of Detection & Limit Of Quantitation
*** = Standard For Combined Trimethylbenzenes (1,2,4 & 1,3,5)
NA = Not Analyzed
ug/l = Microgram / Liter (ppb)
= Exceeds Enforcement Standards
= Exceeds Preventive Action Limit (PAL)

Table #1

GROUNDWATER ELEVATION & MONITORING WELL INFORMATION SUMMARY
Village of Allouez Town Hall
1649 South Webster Avenue, Allouez, Wisconsin

Well Name	Date Measured	Depth To Groundwater (PVC top)(ft)	Groundwater Elevation (feet)	Water Depth Below Ground Surface (feet)	Reference Elevation (PVC top)(ft)	Ground Elevation (feet)	Total Well Depth (ground surface)(ft)	Total Well Depth (PVC top)(ft)	Top Screen Elevation (feet)	Length Of Screen (feet)	Free Product Thickness (feet)
GPW-08	05/09/06	12.82	630.18	13.06	643.00	643.24	19	18.76	634.00	10	0.0
	07/10/06	12.10	630.90	12.34							0.0
	02/22/07	13.05	629.95	13.29							0.0
GPW-09	05/09/06	14.19	630.21	14.39	644.40	644.60	19	18.80	635.40	10	0.0
	07/10/06	13.48	630.92	13.68							0.0
	02/22/07	14.51	629.89	14.71							0.0
GPW-10	05/09/06	10.72	632.71	10.91	643.43	643.62	19	18.81	634.43	10	0.0
	07/10/06	11.87	631.56	12.06							0.0
	02/22/07	12.11	631.32	12.30							0.0
GPW-11	05/09/06	12.45	630.24	12.52	642.69	642.76	19	18.93	633.69	10	0.0
	07/10/06	11.79	630.90	11.86							0.0
	02/22/07	--									0.0
GPW-12	05/09/06	12.31	630.10	12.53	642.41	642.63	19	18.78	633.41	10	0.0
	07/10/06	11.86	630.55	12.08							0.0
	02/22/07	12.65	629.76	12.87							0.0
GPW-13	05/09/06	12.52	630.17	12.66	642.69	642.83	19	18.76	633.69	10	0.0
	07/10/06	12.15	630.54	12.29							0.0
	02/22/07	12.95	629.74	13.09							0.0
GPW-14	05/09/06	14.48	630.10	14.62	644.58	644.72	19	18.86	635.58	10	0.0
	07/10/06	13.80	630.78	13.94							0.0
	02/22/07	14.69	629.89	14.83							0.0
GPW-15	05/09/06	7.20	632.67	7.39	639.87	640.06	19	18.81	630.87	10	0.0
	07/10/06	7.69	631.18	7.88							0.0
	02/22/07	--									0.0
GPW-16	05/09/06	9.03	630.93	8.71	639.64	639.96	19	18.68	630.64	10	0.0
	07/10/06	8.90	631.06	8.58							0.0
	02/22/07	9.94	629.70	10.26							0.0
GPW-17	05/09/06	10.11	630.79	10.44	640.90	641.23	19	18.67	631.90	10	0.0
	07/10/06	9.90	631.00	10.23							0.0
	02/22/07	11.37	629.53	11.20							0.0
GPW-18	05/09/06	10.42	631.19	10.65	641.61	641.84	19	18.77	632.61	10	0.0
	07/10/06	10.25	631.36	10.48							0.0
	02/22/07	11.78	629.83	12.01							0.0
MW-01	08/06/07	12.59	630.24	13.08	642.83	643.32	18.90	18.41	634.42	10	0.00
	11/08/07	13.02	629.81	13.51							0.00
	02/25/08	13.64	629.19	14.13							0.00
MW-02	08/06/07	12.44	630.14	12.94	642.58	643.08	18.73	18.23	634.35	10	0.00
	11/08/07	12.86	629.72	13.36							0.00
	02/25/08	13.43	629.15	13.93							0.00
MW-03	08/06/07	13.51	630.18	14.56	643.69	644.24	19.06	18.51	635.18	10	0.00
	11/08/07	13.94	629.75	14.49							0.00
	02/25/08	14.55	629.14	15.10							0.00
MW-04	08/06/07	12.94	629.74	13.08	642.68	643.00	18.81	18.49	634.19	10	0.00
	11/08/07	13.40	629.28	13.54							0.00
	02/25/08	13.51	629.17	13.83							0.00
MW-05	08/06/07	15.29	629.93	15.88	645.22	645.81	18.70	18.11	637.11	10	0.00
	11/08/07	15.70	629.52	16.29							0.00
	02/25/08	16.25	628.97	16.84							0.00

Note: The elevations are in reference to Mean Sea Level (MSL).