

**REVISED**

1:57 pm, Dec 05, 2014

**POST  
CLOSURE**

State of Wisconsin  
Department of Natural Resources  
P.O. Box 7921, Madison, WI 53707-7921

**GIS REGISTRY (Cover Sheet)**  
Form 4400-280 (R 6/13)

**Source Property Information**

CLOSURE DATE: 06/07/2006

**BRRTS #:** 03-29-229153  
**ACTIVITY NAME:** Mauston Farmers Coop Assn Hardware Store  
**PROPERTY ADDRESS:** 310 Prairie ST  
**MUNICIPALITY:** Mauston  
**PARCEL ID #:** 29251924, 29251925

**FID #:** 729010810  
**DATCP #:**  
**PECFA#:** 53948-139210

**\*WTM COORDINATES:**

**WTM COORDINATES REPRESENT:**

X: 513951 Y: 369078

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

- Approximate Center Of Contaminant Source
- Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

**CONTINUING OBLIGATIONS**

**Contaminated Media for Residual Contamination:**

- Groundwater Contamination > ES (236)
  - Contamination in ROW
  - Off-Source Contamination

*(note: for list of off-source properties see "Impacted Off-Source Property Information, Form 4400-246")*
- Soil Contamination > \*RCL or \*\*SSRCL (232)
  - Contamination in ROW
  - Off-Source Contamination

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

**Site Specific Obligations:**

- 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)
  - Direct Contact
  - Soil to GW Pathway
- Vapor Mitigation (226)
- Maintain Liability Exemption (230)  
*(note: local government unit or economic development corporation was directed to take a response action)*

**Monitoring Wells:**

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

- Yes
- No
- N/A

\* Residual Contaminant Level  
\*\*Site Specific Residual Contaminant Level

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

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

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

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

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

**SOURCE LEGAL DOCUMENTS**

**Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.  
**Note:** If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.

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

Figure #:                      Title:

**Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

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

Maps must be no larger than 11 x 17 inches unless the map is submitted electronically.

**Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.

**Note:** Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.

Figure #: 1 +                      Title: **Site Location Map / RR Sites Map**

**Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

Figure #: 3                      Title: **Soil Boring, Soil Sample and Monitoring Well Locations**

**Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

Figure #:                      Title:

BRRTS #: 03-29-229153

ACTIVITY NAME: Mauston Farmers Coop Assn Hardware Store

**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 #: 8 Title: Geologic Cross Section A - A'**

**Figure #: Title:**

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

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

**Figure #: 3 / 10 Title: Est Residual Petroleum Impacted GW (Post Closure) / Appx Extent of GW Contam Feb 2004**

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

**Figure #: 4 Title: Groundwater Flow Direction March 8, 2000**

**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 #: Title:**

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

**Table #: 2 + Title: Groundwater Chemistry Data (Post Closure) / multiple groundwater tables**

**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 #: 3 / 4 Title: Water Elevation Data (Post Closure) / Historic Water Elevation Data (Post Closure)**

**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 #: 03-29-229153

ACTIVITY NAME: Mauston Farmers Coop Assn Hardware Store

**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.

[Off-source property documents may be viewed in the file.](#)

**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: 1**

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

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

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

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

**Figure #: Title:**

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

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



SUBMIT AS UNBOUND PACKAGE IN THE ORDER SHOWN

**Notice:** Pursuant to ch. 292, Wis. Stats., and chs. NR 726 and 746, Wis. Adm. Code, this form is required to be completed for case closure requests. The closure of a case means that the Department of Natural Resources (DNR) has determined that no further response is required at that time based on the information that has been submitted to the DNR. All sections of this form must be completed unless otherwise directed by the Department. Incomplete forms will be considered "administratively incomplete" and processing of the request will stop until required information is provided. Any section of the form not relevant to the case closure request must be fully filled out or explained on a separate page and attached to the relevant section of this form. DNR will consider your request administratively complete when the form and all sections are completed, all attachments are included, and the applicable fees required under ch. NR 749, Wis. Adm. Code, are included, and sent to the proper destinations. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law (ss. 19.31 - 19.39, Wis. Stats.).

**Site Information**

BRRTS No. 03-29-229153	Parcel ID No. 29251924, 29251925		
BRRTS Activity (Site) Name Mauston Farmer Coop Assn Hardware Store	WTM Coordinates		
Street Address 310 Prairie Street	X 513951	Y 369078	
Responsible Party (RP) Name Mr. Scott Firlus	City Mauston	State WI	ZIP Code 53948
Company Name Allied Cooperative			
Street Address 351 Railroad St	City Adams	State WI	ZIP Code 53910
Phone Number (608) 339-3394	Email sfirlus@allied.coop		

Check here if the RP is the owner of the source property.

Environmental Consultant Name Hollie DePuydt	Consulting Firm Sand Creek Consultants, Inc.		
Street Address 108 E Davenport Street	City Rhinelander	State WI	ZIP Code 54501
Phone Number (715) 365-1818	Email hollie.depuydt@sand-creek.com		
Acres Ready For Use 0.45	Voluntary Party Liability Exemption Site? <input type="radio"/> Yes <input checked="" type="radio"/> No		

**Fees and Mailing of Closure Request**

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

1. Send a copy of page one of this form and the applicable ch. NR 749, Wis. Adm. Code, fee(s) to the DNR regional Environmental Program Associate at <http://dnr.wi.gov/topic/Brownfields/Contact.html>. Check all fees that apply:

\$1,050 Closure Fee

\$300 Database Fee for Soil

\$350 Database Fee for Groundwater or Other Condition (MW Not Abandoned)

Total Amount of Payment \$ \$1,350.00

2. Send one paper copy and one e-copy on compact disk of the entire closure package to the Regional Project Manager assigned to your site. Submit as *unbound, separate documents* in the order and with the titles prescribed by this form. For electronic document submittal requirements, see <http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf>.

**Site Summary**

*If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.*

**1. General Site Information and Site History**

- A. **Site Location:** Describe the physical location of the site, both generally and specific to its immediate surroundings.  
The address of the Property is 310 Prairie Street, Mauston, Wisconsin. The Property is located near the center of the City of Mauston. The public land survey system legal location is the Northeast Quarter of the Southeast Quarter of Section 12, Township 15 North, Range 3 East; City of Mauston, Juneau County, Wisconsin.  
The Property is surrounded by commercial, government, and residential properties.
- B. **Prior and current site usage:** Specifically describe the current and historic occupancy and types of use.  
The site was developed by 1894 into a livery and lumber shed. By 1926 the site was converted into a feed mill with grain and potato storage. In July 1999, three 10,000-gallon leaded, unleaded, and gasohol USTs were removed from the Mauston Farmers Coop site. During the tank closure, soil contamination was found around the tanks beds and below the dispenser island.  
The feed mill facility has since ceased and the site is a Napa auto parts store.
- C. Describe how and when site contamination was discovered.  
Petroleum contamination was discovered during the tank removal in 1999.
- D. Describe the type(s) and source(s) or suspected source(s) of contamination.  
The tanks contained leaded gasoline, unleaded gasoline, and gasohol.
- E. Other relevant site description information (or enter Not Applicable).  
Not Applicable
- F. List BRRTS activity site name and number for all other BRRTS activities at this property, including closed cases.  
Not Applicable
- G. List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to this site, and those impacted by contamination from this site.  
Masuton Creamery Alto Dairy 03-29-000644  
Kastner Brothers Inc. 03-29-202382  
Kastner Garage Former 02-29551302
- H. **Current zoning** (e.g. industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).  
CB Central Business for Site and all adjacent sites. Information found on Juneau County, WI Interactive Mapping Website.

**2. General Site Conditions**

- A. Soil/Geology
  - i. Describe soil type(s) and relevant physical properties, thickness of soil column across the site, vertical and lateral variations in soil types.  
Subsurface materials in the area are generally deposits of silty clay and silty sand. Soil series mapped at the Property include Friendship loamy sand and Roby sandy loam.
  - ii. Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.  
No fill or waste deposits on Site.
  - iii. Depth to bedrock, bedrock type, and whether or not it was encountered during the investigation.  
Bedrock was not encountered. The underlying bedrock is reportedly sandstone and is present at depths of less than 50 feet below ground surface.
  - iv. Describe the nature and locations of current surface cover(s) across the site (e.g. natural vegetation, landscaped areas, gravel, hard surfaces, and buildings).  
The majority of the site is covered by the auto parts store. The area to the north and west of the building is concrete and the area to the south is gravel.
- B. Groundwater
  - i. **Discuss depth to groundwater and piezometric elevations.** Describe and explain depth variations, and whether free product affects measurement or water table elevation. Describe the stratigraphic unit(s) where water table was found or which were measured for piezometric levels.  
Groundwater depth has varied slightly across the site since 1999 from 5 to 9 feet below grade with an average of

approximately 7.5 feet below grade.

- ii. Discuss groundwater flow direction(s), shallow and deep. Describe and explain flow variations, including fracture flow if present.

Water table contour maps of the area indicate that groundwater flow is to the northeast, toward the Lemonweir River. Regional groundwater flow is inferred to be easterly, toward the Wisconsin River.

- iii. Discuss groundwater flow characteristics: hydraulic conductivity, flow rate and permeability, or state why this information was not obtained.

Not Applicable

- iv. Identify and describe locations/distance of potable and/or municipal Wells within 1200 feet of the site.

The area is served by the City of Mauston municipal system. The nearest municipal well seems to be about 2,000 ft upgradient to the southwest.

### 3. Site Investigation Summary

#### A. General

- i. Provide a brief summary of the site investigation history. Reference previous submittals by name and date. Describe site investigation activities undertaken since the last submittal for this project and attach the appropriate documentation in Attachment C, if not previously provided.

The site was closed with residual soil and groundwater in 2006. During 2014, an investigation into the current conditions and to further delineate the soil and ground at the site were conducted. The Phase II Environmental Site Assessment and Site Investigation Results were submitted on July 17, 2014.

- ii. Identify whether contamination extends beyond the source property boundary, describe the off-site media (e.g., soil, groundwater, etc.) impacted, and the vertical and horizontal extent of off-site impacts.

It was identified during the 2014 investigation that soil contamination has been remediated to below RCLs across the site and we request with this document the previous soil GIS be removed. Groundwater has natural attenuated as well however not enough to be below ES.

- iii. Identify any structural impediments to the completion of site investigation and/or remediation and whether these impediments are on the source property or off the source property. Identify the type and location of any structural impediment (e.g., structure) that also serves as the performance standard barrier for protection of the direct contact or the groundwater pathway.

Not Applicable

#### B. Soil

- i. Describe degree and extent of **soil contamination** at and from this site. Relate this to known or suspected sources and known or potential receptors/migration pathways.

No soil contamination remains on site above RCL.

- ii. Describe the level and types of **soil contaminants** found in the upper four feet of the soil column.

No soil contamination within the upper four feet of the soil.

- iii. Identify the ch. NR 720, Wis. Adm. Code, method used to establish the soil cleanup standards for this site. This includes a soil performance standard established in accordance with s. NR 720.08, a Residual Contaminant Level (RCL) established in accordance with s. NR 720.10 that is protective of groundwater quality, or an RCL established in accordance with s. NR 720.12 that is protective of human health from direct contact with contaminated soil. Identify the land use classification that was used to establish cleanup standards. Provide a copy of the supporting calculations/information in Attachment C.

The WDNR spreadsheet based on NR720 was used to determine relevant RCLs.

#### C. Groundwater

- i. Describe degree and extent of groundwater contamination at or from this site. Relate this to known or suspected sources and known or potential receptors/migration pathways. Specifically address any potential or existing impacts to water supply wells or interception with building foundation drain systems.

Groundwater at the location of MW1 (B5) still remains above ES.

- ii. Describe the presence of free product at the site, including the thickness, depth, and locations.

No free product observed.

#### D. Vapor

i. Describe how the vapor migration pathway was assessed, including locations where vapor or indoor air samples were collected. If the vapor pathway was not assessed, explain reasons why.  
Soils near the building foundation is not impacted with petroleum.

ii. Identify the applicable DNR action levels and the land use classification used to establish them. Describe where the DNR action levels were reached or exceeded (e.g., sub slab, indoor air or both).  
Not Applicable

E. Surface Water and Sediment

i. Identify whether surface water and/or sediment was assessed and describe the impacts found. If this pathway was not assessed, explain why.  
No surface water observed. No sediment relevant to be sampled.

ii. Identify any surface water and/or sediment action levels used to assess the impacts for this pathway and how these were derived. Describe where the DNR action levels were reached or exceeded.  
Not Applicable

**4. Remedial Actions Implemented and Residual Levels at Closure**

A. General: Provide a brief summary of the remedial action history. List previous remedial action report submittals by name and date. Identify remedial actions undertaken since the last submittal for this project and provide the appropriate documentation in Attachment C.

Historical remedial actions include natural attenuation. No additional remedial actions have occurred.

B. Describe any immediate or interim actions taken at the site under ch NR 708, Wis. Adm. Code.  
Not Applicable

C. Describe the *active* remedial actions taken at the site, including: type of remedial system(s) used for each media impacted; the size and location of any excavation or in-situ treatment; the effectiveness of the systems to address the contaminated media and substances; operational history of the systems; and summarize the performance of the active remedial actions. Provide any system performance documentation in Attachment A.7.  
Not Applicable

D. Provide a discussion of the nature, degree and extent of residual contamination that will remain at the site or on off-site affected properties after case closure.  
Soil has natural attenuated to below RCLs. Groundwater above ES remains on-site at the location of B5 (formerly the area of MW-1).

E. Describe the remaining soil contamination within four feet of ground surface (direct contact zone) that attains or exceeds Residual Contaminant Levels established under s. NR 720. 12 , the ch. NR720, Wis. Adm. Code, for protection of human health from direct contact.  
No petroleum impacted soil within four feet of ground surface remains on site.

F. Describe the remaining soil contamination in the vadose zone that attains or exceeds the soil standard(s) for the groundwater pathway.  
No petroleum impacted soil within the vadose zone.

G. Describe how the residual contamination will be addressed, including but not limited to details concerning: covers, engineering controls or other barrier features; use of natural attenuation of groundwater; and vapor mitigation systems or measures.  
Residual groundwater impacts will continue to be naturally attenuated.

H. If using natural attenuation as a groundwater remedy, describe how the data collected supports the conclusion that natural attenuation is effective in reducing contaminant mass and concentration, (e.g. stable or receding groundwater plume).  
At the location of B5, the groundwater contaminants have a decreasing trend. Benzene has decreased from 690 mg/l in 12/2005 to 247 mg/l in 02/2014. Ethylbenzene and Trimethylbenzene are stable. Toluene, naphthalene, and xylenes are decreasing.

I. Identify how all exposure pathways were removed and/or adequately addressed by immediate and/or remedial action(s) described above in paragraphs, B, C, D, E and F.  
No potable water wells in the area. No residual soil with the top four feet.

- J. Identify any system hardware anticipated to be left in place after site closure, and explain the reasons why it will remain.  
Not Applicable
- K. Identify the need for a ch. NR 140, Wis. Adm. Code, groundwater Preventive Action Limit (PAL) or Enforcement Standard (ES) exemption, and identify the affected monitoring points and applicable substances.  
ES exceedance at B5 for PVOCs plus naphthalene.  
PAL exceedances for benzene at B6 and B10.
- L. If a DNR action level for vapor intrusion was exceeded (for indoor air, sub slab, or both) describe where it was exceeded and how the pathway was addressed.  
Not Applicable
- M. Describe the surface water and/or sediment contaminant concentrations and areas after remediation. If a DNR action level was exceeded, describe where it was exceeded and how the pathway was addressed.  
Not Applicable

**5. Continuing Obligations: Situations where a maintenance plan(s) and inclusion on DNR's GIS Registry are required.**

Directions: Check all that apply to this case closure request:

	This scenario Applies to this Case Closure		Case Closure Scenario: Maintenance Plans and GIS Registry	Maintenance Plan (s) Required in Attachment D	GIS Registry Listing
	A. On-Site	B. Off-Site			
i.	<input type="checkbox"/>	<input type="checkbox"/>	Engineering Control/Barrier for Direct Contact	✓	✓
ii.	<input type="checkbox"/>	<input type="checkbox"/>	Engineering Control/Barrier for Groundwater Infiltration	✓	✓
iii.	<input type="checkbox"/>	<input type="checkbox"/>	Vapor Mitigation - post closure passive system	✓	✓
iv.	<input type="checkbox"/>	<input type="checkbox"/>	Vapor Mitigation - post closure active system	✓	✓
v.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	None of the above scenarios apply to this case closure	NA	NA

**6. Continuing Obligations: Situations where inclusion on DNR's GIS Registry is required.**

Directions: Check all that apply to this case closure request:

	This scenario Applies to this Case Closure		Case Closure Scenario: GIS Registry Only	GIS Registry Listing
	A. On-Site	B. Off-Site		
i.	<input type="checkbox"/>	<input type="checkbox"/>	Residual soil contamination exceeds ch. NR 720 generic or site-specific RCLs	✓
ii.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Sites with groundwater contamination equal to or greater than the ch. NR 140, enforcement standards (ES)	✓
iii.	<input type="checkbox"/>	<input type="checkbox"/>	Monitoring wells: lost, transferred or remaining in use	✓
iv.	<input type="checkbox"/>	<input type="checkbox"/>	Structural Impediment (not as a performance standard)	✓
v.	<input type="checkbox"/>	<input type="checkbox"/>	Residual soil contamination remaining at ch. NR 720 Industrial Use levels	✓
vi.	<input type="checkbox"/>	<input type="checkbox"/>	Vapor intrusion may be future, post-closure issue if building use or land use changes	✓
vii.	<input type="checkbox"/>	<input type="checkbox"/>	None of the above scenarios apply to this case closure	NA

**7. Underground Storage Tanks**

- A. Were any tanks, piping or other associated tank system components removed as part of the investigation or remedial action?  Yes  No
- B. Do any upgraded tanks meeting the requirements of ch. SPS 310, Wis. Adm. Code, exist on the property?  Yes  No
- C. If the answer to question 7b is yes, is the leak detection system currently being monitored?  Yes  No

**Data Tables (Attachment A)**

*If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.*

**General directions for Data Tables:**

- Use bold and italics font on information of importance on tables and figures. Use **bold font** for ch. NR 140, Wis. Adm. Code, groundwater enforcement standard (ES) attainments or exceedances, and *italicized font* for ch. NR 140, Wis. Adm. Code, groundwater preventive action limit (PAL) standard attainments or exceedances.
- Do not use shading or highlighting on the analytical tables.
- Include on Data Tables the level of detection for results which are below the detection level (i.e. do not just list as no detect (ND)).
- Include the units on data tables.
- Summaries of all data must include information collected by previous consultants.
- Do not submit lab data sheets unless these have not been submitted in a previous report. Tabulate all data required in s. NR 716.15 (3)(c), Wis. Adm. Code, in the format required in s. NR 716.15(4)(e), Wis. Adm. Code.
- Include in Attachment A all of the following tables, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: A.1. Groundwater Analytical Table; A.2. Pre-remedial Soil Analytical Table, etc).
- For required documents, each table (e.g., A.1., A.2., etc.,) should be a separate PDF.

**A. Data Tables**

- A.1. **Groundwater Analytical Table(s):** Table(s) showing the analytical results and collection dates, for all groundwater sampling points e.g. monitoring wells, temporary wells, sumps, extraction wells, any potable wells and any other wells, extraction wells and any potable wells for which samples have been collected.
- A.2. **Pre-remedial Soil Analytical Table(s):** Table(s) showing the soil analytical results and collection dates - prior to conducting the interim and/or remedial action. Indicate if sample was collected above or below the all-time low water table (unsaturated verses saturated).
- A.3. **Post-remedial Soil Analytical Table(s):** Table(s) showing the post-remedial action soil analytical results and collection dates. Indicate if sample was collected above or below the all-time low water table (unsaturated verses saturated).
- A.4. **Pre and Post Remaining Soil Contamination Soil Analytical Table(s):** Table(s) showing only the pre and post remedial action soil analytical results that exceed a Residual Contaminate Level (RCL) or a Site-Specific Residual Level (SSRCL).
- A.5. **Vapor Analytical Table:** Table(s) showing type(s) of samples, sample collection methods, analytical method, sample results, date of sample collection, time period for sample collection, method and results of leak detection, and date, method and results of communication testing.
- A.6. **Other Media of Concern (e.g., sediment or surface water):** Table(s) showing type(s) of sample, sample collection method, analytical method, sample results, date of sample collection, time period for sample collection, method and results sampling.
- A.7. **Water Level Elevations:** Table(s) showing all water level elevation measurements and dates from all monitoring wells. If present, free product should be noted on the table.
- A.8. **Other:** This attachment should include: 1) any available tabulated natural attenuation data; 2) data tables pertaining to engineered remedial systems that document operational history, demonstrate system performance and effectiveness, and display emissions data; and (3) any other data tables relevant to case closure not otherwise noted above. If this section is not applicable, please explain the reasons why.

**Maps and Figures (Attachment B)**

*If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.*

**General Directions for all Maps and Figures:**

- If any map or figure is not relevant to the case closure request, you must fully explain the reason(s) why and attach that explanation (properly labeled with the map/ figure title) in Attachment B.
- Provide on paper no larger than 11 x 17 inches, unless otherwise directed by the Department. Maps and figures may be submitted in a larger electronic size than 11x17 inches, in a portable document format (pdf) readable by the Adobe Acrobat Reader. However, those larger-size documents must be legible when printed.
- Prepare visual aids, including maps, plans, drawings, fence diagrams, tables and photographs according to the applicable portions

of ss. NR 716.15(4), 726.09(2) and 726.11(3), (5) and (6), Wis Adm. Code.

- Do not use shading or highlights on any of the analytical tables.
- Include all sample locations.
- Contour lines should be clearly labeled and defined.
- Include in Attachment B all of the following maps and figures, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: B.1. Location Map; B.2. Detailed Site Map, etc).
- For the electronic copies that are required, each map (e.g., B.1.a., B.2.a, etc.,) should be a separate PDF.

**B.1. Location Maps**

- B.1.a. **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 impacted and/or adjacent parcels. If groundwater standards are exceeded, include the location of all potable wells, including municipal wells, within 1200 feet of the area of contamination.
- B.1.b. **Detailed Site Map:** A map that shows all relevant features (buildings, roads, current ground surface cover, individual property boundaries for on-site and applicable off-site properties, 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) established in accordance with the provisions contained in s. NR 720.10 or s. NR 720.12, Wis. Adm. Code.
- B.1.c. **RR Site Map:** From RR Sites Map ([http://dnrm.wi.gov/si/?Viewer=RR Sites](http://dnrm.wi.gov/si/?Viewer=RR%20Sites)) attach a map depicting the source property, and all open and closed BRRTS sites within a half-mile radius or less of the property.

**B.2. Soil Figures**

- B.2.a. **Pre-remedial Soil Contamination:** Figure(s) showing the sample location of all pre-remedial, unsaturated contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeded a Residual Contaminant Level (RCL) established in accordance with the provisions contained in s. NR 720.10 or s. NR 720.12, Wis. Adm. Code.
- B.2.b. **Post-remedial Soil Contamination :** Figure(s) showing the sample location of all post-remedial, unsaturated 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) established in accordance with the provisions contained in s. NR 720.10 or s. NR 720.12, Wis. Adm. Code. A separate contour line should be used to indicate the extent of residual direct contact exceedances.
- B.2.c. **Pre/Post Remaining Soil Contamination:** Figure(s) showing the only location of all pre and post remedial residual soil sample location(s) where unsaturated contaminated soil remains after remediation and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) established in accordance with the provisions contained in s. NR 720.10 or s. NR 720.12, Wis. Adm. Code. A separate contour line should be used to indicate the extent of residual direct contact exceedances.

**B.3. Groundwater Figures**

- B.3.a. **Geologic Cross-Section Figure(s):** One or more cross-section diagrams showing soil types and correlations across the site, water table and piezometric elevations, and locations and elevations of geologic rock units, if encountered. Display on one or more figures all of the following:
  - Source location(s) and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).
  - Source location(s) and lateral and vertical extent if groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES)
  - Surface features, including buildings and basements, and show surface elevation changes.
  - Any areas of active remediation within the cross section path, such as excavations or treatment zones.
  - Include a map displaying the cross-section location(s), if they are not displayed on the Detailed Site Map (Map B.1b)
- B.3.b. **Groundwater Isoconcentration:** Figure(s) showing the horizontal extent of the post-remedial groundwater contamination exceeding a ch. NR 140, Wis. Adm. Code, Preventive Action Limit (PAL) and/or an Enforcement Standard (ES). Indicate the date and direction of groundwater flow based on the most recent sampling data.
- B.3.c. **Groundwater Flow Direction:** Figure(s) representing groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit two groundwater flow maps showing the maximum variation in flow direction.
- B.3.d. **Monitoring Wells:** Figure(s) showing all monitoring wells, with well identification number. Clearly designate any wells that: (1) are proposed to be abandoned; (2) cannot be located; (3) are being transferred; (4) will be retained for further sampling, or (5) have been previously abandoned.

**B.4. Vapor Maps and Other Media**

- B.4.a. **Vapor Intrusion Map:** Map(s) showing all locations and results for samples taken to investigate the vapor intrusion pathway, in relation to remaining soil and groundwater contamination, including sub-slab, indoor air, soil vapor,

ambient air, and communication testing. Show locations and footprints of affected structures and utility corridors, and/or where residual contamination poses a future risk of vapor intrusion.

- B.4.b. **Other media of concern (e.g., sediment or surface water):** Map(s) showing all sampling locations and results for other media investigation. Include the date of sample collection and identify where any standards are exceeded.
- B.4.c. **Other:** Include any other relevant maps and figures not otherwise noted above. (This section may remain blank)

**Documentation of Remedial Action (Attachment C)**

*If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.*

**General Directions:**

- Include in Attachment C all of the following documentation, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: C.1. Site Investigation Documentation; C.2. Investigative Waste, etc).
- If the documentation requested below is “not applicable” to the site-specific circumstances, include a brief explanation to support that conclusion.
- If the documentation requested below has already been submitted to the Department, please note the title and date of the report for that particular document requested.
  - C.1. **Site investigation documentation**, that has not otherwise been previously submitted.
  - C.2. **Investigative waste** disposal documentation.
  - C.3. **Provide a description of the methodology used along with all supporting documentation if the Residual Contaminant Levels are different than those contained in the Department’s RCL Spreadsheet available at: <http://dnr.wi.gov/topic/Brownfields/Professionals.html>.**
  - C.4. **Construction documentation** or as-built report for any constructed remedial action or portion of, or interim action specified in s. NR 724.02(1), Wis. Adm. Code.
  - C.5. **Decommissioning of Remedial Systems.** Include plans to properly abandon any systems or equipment upon receiving conditional closure.
  - C.6. **Photos.** For sites or facilities with a cover or other performance standard, a structural impediment or a vapor mitigation system. Include one or more photographs documenting the condition and extent of the feature at the time of the closure request. Pertinent features should be visible and discernible. Photographs must be labeled with the site name, the features shown, location and the date on which the photograph was taken.
  - C.7. **Other.** Include any other relevant documentation not otherwise noted above. (This section may remain blank)

**Maintenance Plan(s) and Photographs (Attachment D)**

*If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.*

When one or more “maintenance plans” are required for a site closure, include in each maintenance plan all required information listed below, and attach the plan(s) in Attachment D. The following “model” maintenance plans can be located at: (1) Maintenance plan for an engineering control or cover: <http://dnr.wi.gov/topic/Brownfields/documents/maintenance-plan.pdf>, and (2) Maintenance plan for vapor intrusion: [http://dnr.wi.gov/topic/Brownfields/documents/appendix5\\_606.pdf](http://dnr.wi.gov/topic/Brownfields/documents/appendix5_606.pdf).

- D.1. **Location map(s)** which show(s): (1) the feature that requires maintenance; (2) the location of the feature(s) that require(s) maintenance - on and off the source property; (3) the extent of the structure or feature(s) to be maintained, in relation to other structures or features on the site; (4) the extent and type of residual contamination; and (5) and all property boundaries.
- D.2. **Brief descriptions** of the type, depth and location of residual contamination.
- D.3. **Description of maintenance action(s)** required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required.
- D.4. **Inspection log**, to be maintained on site, or at a location specified in the maintenance plan or approval letter.
- D.5. **Contact information**, including the name, address and phone number of the individual or facility who will be conducting the maintenance.
- D.6. Photographs
  - D.6.a. For site or facilities with a cover or other performance standard, a structural impediment or a vapor mitigation system, include one or more photographs documenting the condition and extent of the feature at the time of the closure request. Pertinent features shall be visible and discernible.
  - D.6.b. Photographs shall be submitted with a title related to the site name and location, and the date on which it was taken.

**Monitoring Well Information (Attachment E)**

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

**General Directions:**

Attach monitoring well construction and development forms (DNR FORM 4400-113 A and B: [http://dnr.wi.gov/topic/groundwater/documents/forms/4400\\_113\\_1\\_2.pdf](http://dnr.wi.gov/topic/groundwater/documents/forms/4400_113_1_2.pdf)) for all wells that will remain in-use, be transferred to another party or that could not be located. A figure of these wells should be included in Attachment B.3.d.

**Select One:**

- No monitoring wells were required as part of this response action.
- All monitoring wells have been located and will be properly abandoned upon the DNR granting conditional closure to the site
- Select One or More:**
  - Not all monitoring wells can be located, despite good faith efforts. Attachment E must include description of efforts made to locate the "lost" wells.
  - One or more wells will be transferred to another owner upon case closure being granted. Attachment E should include documentation identifying the name, address and email for the new owner(s).
  - One or more wells will remain in use at the site after this closure. Attachment E must include documentation as to the reason(s) the well(s) will remain in use.

**Notifications to Owners of Impacted Properties (Attachment F)**

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

**General Directions:**

- State law requires that the responsible party provide a 30-day, written advance notice (i.e., a letter) to certain persons prior to applying for case closure. This requirement applies if: (1) the person conducting the response action does not own the source property; (2) the contamination has migrated onto another property; and/or (3) one or more monitoring wells will not be abandoned.
- Use of Form 4400-286, Notification of Residual Contamination and Continuing Obligations, is required under ch. NR 725 for notifying property owners and right-of-way holders about residual contamination affecting their properties, and of continuing obligations which may be imposed. This form can be downloaded at <http://dnr.wi.gov/files/PDF/forms/4400/4400-286.pdf>.

**Check all that apply to the site-specific circumstances of this case closure:**

	A. Impacted Source Property and Owner is not Conducting Cleanup	B. Impacted Right of Way	C. Impacted Off-Site Property Owner	Impacted Property Notification Situations: Ch. NR 726 Appendix A Letter
1.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Residual groundwater contamination exceeds Ch. NR 140 Wis. Administrative Code enforcement standards.
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residual soil contamination that attains or exceeds standards is present after the remedial action is complete, and must be properly managed should it be excavated or removed.
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	An engineered cover or a soil barrier (e.g. pavement) must be maintained over contaminated soil for direct contact or groundwater infiltration concerns.
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Industrial land use soil standards were used for the clean-up standard.
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A vapor mitigation system (or other specific vapor protection) must be operated and maintained.
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vapor assessment needed if use changes.
7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Structural impediment.
8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lost, transferred or open monitoring wells.
9.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not Applicable.

If any of the previous boxes in rows 1 thru 8 were checked, include the following as part of Attachment F:

- FORM 4400-246;
- Copy of each letter sent, 30 days or more prior to requesting closure; and
- Proof of receipt for each letter.
- For this site closure, 2 (number) property (ies) has/have been impacted, the owners have been notified, and copies of the letters and receipts are included in Attachment F.

**Source Legal Documents (Attachment G)**

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

Include all of the following documents, in this order, in Attachment G:

- G.1. **Deeds - Source Property and Other Impacted Properties:** The most recent deed with legal descriptions clearly labeled for (1) the **Source Property** (where the contamination originated) and (2) all **off-source** (off-site) properties where letters were required to be sent per the ch. NR 700, Wis. Adm. Code, rule series (e.g., off-site cover maintenance required, lost monitoring well, off-site cover property impacts to groundwater exceeding the ch. NR 140, Wis. Adm. Code).  
**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.
- G.2. **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)).
- G.3. **Verification of Zoning:** Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.
- G.4. **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description(s) accurately describe(s) the correct contaminated property or properties.

**Signatures and Findings for Closure Determination**

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

Check the correct box for this case closure request, and have either a professional engineer or a hydrogeologist, as defined in ch. NR 712, Wis. Adm. Code, sign this document.

- A response action(s) for this site addresses groundwater contamination (including natural attenuation remedies).
- The response action(s) for this site addresses media other than groundwater.

**Engineering Certification**

I Hollie DePuydt hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this case closure request has been prepared by me or prepared under my supervision in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this case closure request is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. Specifically, with respect to compliance with the rules, in my professional opinion a site investigation has been conducted in accordance with ch. NR 716, Wis. Adm. Code, and all necessary remedial actions have been completed in accordance with chs. NR 140, NR 718, NR 720, NR 722, NR 724 and NR 726, Wis. Adm. Codes."

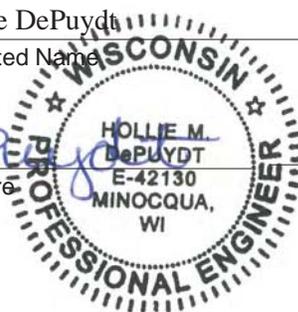
Hollie DePuydt  
Printed Name

Environmental Engineer  
Title

  
Signature

9/22/2014  
Date

42130  
P.E. Stamp and Number





POST  
CLOSURE



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor  
Cathy Stepp, Secretary  
Dan Baumann, Regional Director

Wisconsin Rapids Service Center  
473 Griffith Avenue  
Wisconsin Rapids, Wisconsin 54494  
Telephone 715-421-7800  
FAX 715-421-7830

October 31, 2014

BRRTS #03-29-229153

Mr. Scott Firlus  
Allied Cooperative  
540 South Main Street  
P.O. Box 729  
Adams, WI 53910

FILE COPY

**KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS**

SUBJECT: Addendum to the Final Case Closure (dated June 7, 2006)  
Removal of Site from the Wisconsin Soil GIS Database for Contaminated Sites  
Mauston Farmers Coop Hardware Store 310 Prairie Street, Mauston, Wisconsin

Dear Mr. Firlus:

In a letter dated June 7, 2006, the Wisconsin Department of Commerce PECFA Program approved closure of the Mauston Farmers Coop Hardware Store site, with continuing obligations. At the time of case closure this property and the off-site property located at 310 Prairie Street, Mauston, Wisconsin (Parcel #2921913) was placed on the Department of Natural Resources (DNR) Bureau for Remediation and Redevelopment Geographic Information System (GIS) for sites with residual soil and/or groundwater contamination.

On September 24, 2014, the DNR received your request to remove this site from the soil GIS. Based on the recent soil sample data included in your request, the DNR concurs with your consultant, Sand Creek Consultants, Inc., that keeping this site on the soil GIS is no longer warranted. Therefore, your request to have the site removed from the soil GIS is approved. However, based on the groundwater data included in your request, keeping this property as well as the off-site property on the groundwater GIS continues to be warranted.

Please note that you, future property owners, and occupants of the property must comply with the revised continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attachments listed at the end of this letter to anyone who purchases, rents or leases this property from you.

Currently, this property is being used as a retail store and there are no reported USTs remaining at the property. The conditions of closure and continuing obligations required were based on the property being used for commercial purposes.

October 31, 2014  
Mr. Scott Firlus - Allied Cooperative  
Page 2

BRRTS #03-29-229153

### Continuing Obligations

The continuing obligations for this site are summarized below. Further details on actions required are found in the section Closure Conditions.

- Groundwater contamination is present above ch. NR 140, Wis. Adm. Code enforcement standards.

The DNR fact sheet, "Continuing Obligations for Environmental Protection", RR-819, helps to explain a property owner's responsibility for continuing obligations on their property. The fact sheet may be obtained at <http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf>.

### GIS Registry

This site will continue to be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS on the Web) at <http://dnr.wi.gov/topic/Brownfields/clean.html>, to provide public notice of residual groundwater contamination and of any continuing obligations. The site can also be viewed on the Remediation and Redevelopment Sites Map (RRSM), a map view, under the Geographic Information System (GIS) Registry layer, at the same web address.

DNR approval prior to well construction or reconstruction is required for all sites shown on the GIS Registry, in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. To obtain approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at <http://dnr.wi.gov/topic/wells/documents/3300254.pdf>.

All site information is also on file at the Wisconsin Rapids DNR Service Center, at 473 Griffith Avenue, Wisconsin Rapids, Wisconsin. This letter and information that was submitted with your closure request application can be found as a Portable Document Format (PDF) in BRRTS on the Web.

### Closure Conditions

Compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. DNR staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter are met. If these requirements are not followed, the DNR may take enforcement action under s. 292.11, Wis. Stats. to ensure compliance with the specified requirements, limitations or other conditions related to the property.

Please send written notifications in accordance with the following requirements to:

Department of Natural Resources  
Attn: Remediation and Redevelopment Program Environmental Program Associate  
1300 West Clairement Avenue  
Eau Claire, WI 54701

### Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)

Groundwater contamination greater than enforcement standards is present both on this contaminated property and off this contaminated property, as shown on the attached map (Figure 10, Approximate Extent of Groundwater Contamination Exceeding NR 140 Enforcement Standards as of February 10, 2004). If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR

October 31, 2014  
Mr. Scott Firlus - Allied Cooperative  
Page 3

BRRTS #03-29-229153

approval. Affected property owners and right-of-way holders were notified of the presence of groundwater contamination.

Depending on site-specific conditions, construction over contaminated soils or groundwater 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.

#### General Wastewater Permits for Construction Related Dewatering Activities

The DNR's Water Quality Program regulates point source discharges of contaminated water, including discharges to surface waters, storm sewers, pits, or to the ground surface. This includes discharges from construction related dewatering activities, including utility and building construction.

If you or any other person plan to conduct such activities, you or that person must contact that program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at <http://dnr.wi.gov/topic/wastewater/GeneralPermits.html>. If residual soil or groundwater contamination is likely to affect water collected in a pit/trench that requires dewatering, a general permit for Discharge of Contaminated Groundwater from Remedial Action Operations may be needed. If water collecting in a pit/trench that requires dewatering is expected to be free of pollutants other than suspended solids and oil and grease, a general permit for Pit/Trench Dewatering may be needed.

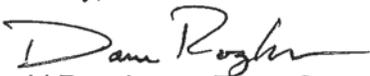
#### In Closing

Please be aware that the case may be reopened pursuant to s. NR 727.13, Wis. Adm. Code, for any of the following situations:

- if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment,
- if the property owner does not comply with the conditions of closure, with any deed restrictions applied to the property, or with a certificate of completion issued under s. 292.15, Wis. Stats, or
- a property owner fails to maintain or comply with a continuing obligation (imposed under this closure approval letter).

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Dee Lance at (715) 421-7862, or at [dee.lance@wisconsin.gov](mailto:dee.lance@wisconsin.gov).

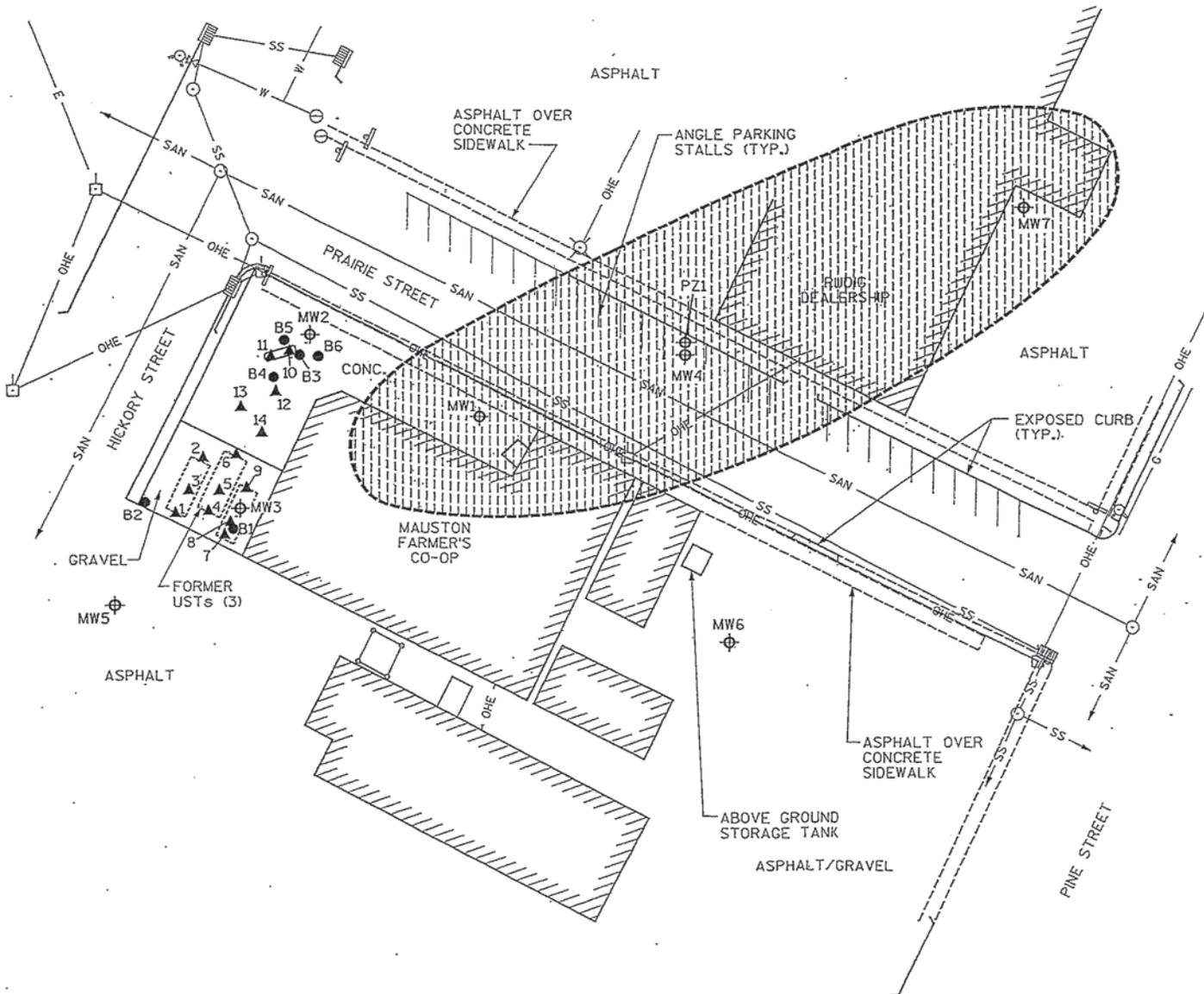
Sincerely,



David Rozeboom, Team Supervisor  
West Central Region Remediation & Redevelopment Program

Attachments: Figure 10, Approximate Extent of Groundwater Contamination Exceeding NR 140 Enforcement Standards as of February 10, 2004

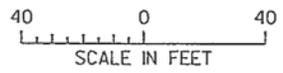
cc: Hollie DuPuydt, Sand Creek Consultants, Inc., 108 E. Davenport St., Rhinelander, WI 54501



**LEGEND**

- ⊕ MONITORING WELL
- SOIL BORING
- ▲ TANK CLOSURE ASSESSMENT SOIL SAMPLE
- APPROXIMATE EXTENT OF GROUNDWATER CONTAMINATION EXCEEDING NR 140 ENFORCEMENT STANDARDS AS OF FEBRUARY 10, 2004

**NOTE:**  
FOR ADDITIONAL NOTES AND LEGEND, REFER TO FIGURE 2.



**FIGURE 10**

**APPROXIMATE EXTENT OF GROUNDWATER CONTAMINATION EXCEEDING NR 140 ENFORCEMENT STANDARDS AS OF FEBRUARY 10, 2004**

**MAUSTON CO-OP HARDWARE STORE  
MAUSTON, WISCONSIN**

**MSA** TRANSPORTATION • MUNICIPAL • AGRICULTURAL  
DEVELOPMENT • ENVIRONMENTAL

228 South Industrial Road, WI 53503  
800-255-0771, 1-800-342-6966 Fax: 920-354-0771

DRAWN BY	RHM	DATE	5-2-05	SHEET	_____ of _____
CHECKED BY		SCALE	AS NOTED	FILE NO.	212781AK



ENVIRONMENTAL & REGULATORY SERVICES DIVISION  
BUREAU OF PECFA  
P.O. Box 8044  
Madison, Wisconsin 53708-8044  
TDD #: (608) 264-8777  
Fax #: (608) 267-1381  
Jim Doyle, Governor  
Mary P. Burke, Secretary

June 7, 2006

Trent Allen, Wisconsin River Coop  
351 Railroad St  
PO Box 729  
Adams, WI 53910-0729

RE: **Final Closure**

**Commerce # 53948-1392-10** . DNR BRRTS # 03-29-229153  
Mauston Farmers Coop Hardware Store, 310 Prairie St, Mauston

Dear Mr. Allen:

The Wisconsin Department of Commerce (Commerce) has received the well abandonment documentation that was indicated as a condition for closure in my April 7, 2006 Conditional Case Closure document. 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 the residual soil and groundwater 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 (608) 264-8766.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Swimm". The signature is fluid and cursive.

David Swimm  
Senior Hydrogeologist  
Site Review Section

cc: Jayne Englebert, MSA Professional Services



ENVIRONMENTAL & REGULATORY SERVICES DIVISION  
BUREAU OF PECFA  
P.O. Box 8044  
Madison, Wisconsin 53708-8044  
TDD #: (608) 264-8777  
Fax #: (608) 267-1381  
Jim Doyle, Governor  
Mary P. Burke, Secretary

April 7, 2006

Trent Allen, Wisconsin River Coop  
351 Railroad St  
PO Box 729  
Adams, WI 53910-0729

RE: **Conditional Case Closure**

**Commerce # 53948-1392-10** DNR BRRTS # 03-29-229153  
Mauston Farmers Coop Hardware Store, 310 Prairie St, Mauston

Dear Mr. Allen:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure that was submitted by your consultant, MSA Professional Services (MSA), on February 24, 2006. It is understood that residual soil and groundwater contamination remains beneath the site, the Prairie Street ROW, and the off-site Kastner Bros. Property to the northeast across Prairie Street. 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:**

Provide appropriate well abandonment documentation for all the water table wells and the piezometer.

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 (608) 264-8766.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Swimm". The signature is fluid and cursive, written over a horizontal line.

David Swimm  
Senior Hydrogeologist  
Site Review Section

cc: Jayne Englebert, MSA

WARRANTY DEED

DOCUMENT #128450  
VOLUME 112 PAGE 2

This Indenture, Made by Mauston Farmer's Company (Incorporated), grantor, of Mauston, Juneau County, Wisconsin, hereby conveys and warrants to Mauston Farmer's Company, a Corporation grantee, of Mauston, Juneau County, Wisconsin for the sum of One Dollar and other valuable consideration the following tract of land in Juneau County, State of Wisconsin:

Lot Number One (1), Two (2), Three (3), Four (4), Five (5), Six (6), Seven (7), Eight (8), Thirteen (13), Fourteen (14), Fifteen (15) and Sixteen (16) in Block Number ten (10) of Maughs and Williams Addition to Mauston, Wisconsin.

In Witness Whereof, the said grantor, has caused these presents to be signed by Edw. Stark, its President, and countersigned by A. E. Wilcox, its secretary, at Mauston, Wisconsin, and its corporate seal to be hereunto affixed, this 2<sup>nd</sup> day of June, A.D., 1923

Corporate Seal

Mauston Farmer's Company  
Corporate Name

Edw. Stark  
President  
Countersigned  
A. E. Wilcox  
Secretary

Signed and Sealed in Presence of:

A. C. Carter )  
Vernon Wright Sr. )

STATE OF WISCONSIN, )  
Juneau County, ) ss,

Personally came before me, this 9<sup>th</sup> day of June, A.D., 1923, Edw. Stark President, and A. E. Wilcox Secretary of the above named Corporation, to me known to be such the persons who executed the foregoing instrument, and to me known to be such President and Secretary of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said Corporation by its authority.

Vernon Wright Sr.  
Clerk of the Circuit Court  
Juneau County, Wis.

Received for Record this 9 day of )  
June A.D. 1923, at 1:30 o'clock P.M. )  
H. M. Ruh )  
Register of Deeds )

This Indenture, Made by Mauston Cooperative Creamery, a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, grantor, of Juneau County, Wisconsin, hereby conveys and warrants to Mauston Farmers' Cooperative Association, grantee, of Juneau County, Wisconsin, for the sum of One Dollar and other good and valuable consideration the following tract of land in Juneau County, State of Wisconsin:

The West twenty-six (26) feet of Lot number Twelve (12) of Block number Ten (10) of Maughs and Williams Addition to the City of Mauston.

- 1 - - - \$2.00 Rev. Stamp cancelled
- 1 - - - 1.00 Rev. Stamp cancelled
- 1 - - - .20 Rev. Stamp cancelled
- 1 - - - .10 Rev. Stamp cancelled

In Witness Whereof, the said grantor, has caused these presents to be signed by Dean Robinson, its President, and countersigned by Arthur Robinson its Secretary, at Mauston, Wisconsin, and its corporate seal to be hereunto affixed, this 2nd day of September, A. D. 1953.

Signed and Sealed

Mauston Cooperative Creamery  
Corporate Name

in Presence of (Corporate Seal)

Dean Robinson  
Dean Robinson  
President

Thomas J. Curran  
Thomas J. Curran

Mary Ann Bublitz  
Mary Ann Bublitz

Countersigned:

Arthur Robinson  
Arthur Robinson  
Secretary

State of Wisconsin }  
Juneau County } ss.

Personally came before me, this 2nd day of September, A. D., 1953, Dean Robinson, President, and Arthur Robinson Secretary of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such President and Secretary of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said Corporation, by its authority.

Thomas J. Curran  
Thomas J. Curran

(Notarial Seal)

Notary Public Juneau County, Wis.

My Commission expires October 21 A.D., 1956

Received for record the 9 day of Sept.

A. D., 1953, at 10 o'clock A. M.

Lawrence Larson, Register of Deeds.

INDEXED

ENTERED

350144

DOCUMENT NUMBER

WARRANTY DEED

Vol. 499 Page 175

Register's Office | SS  
Juneau County Wis. |  
Received for Record

JUL 1 1998

of 920  
in Vol. 499 of Records Page 175  
Christie L. Bruden  
REGISTER OF DEEDS

This Deed, made between  
Alto Dairy Cooperative, a Wisconsin Cooperative  
Grantor,  
and Mauston Farmers Cooperative Association, a Wisconsin  
Cooperative  
Grantee,

THIS SPACE IS RESERVED FOR RECORDING DATA  
NAME AND RETURN ADDRESS  
Curnan #1002K

Witnesseth, That the said Grantor, for a valuable consideration  
of one dollar and other good and valuable consideration  
conveys to Grantee the following described real estate in Juneau  
County, State of Wisconsin:

(Parcel Identification Number)  
Lots 7, 8, 9, 10, 11 and 12 of Block 10 of Maugh's and Williams' Addition to the City of Mauston, Juneau  
County, Wisconsin. EXCEPT: The West 24 1/2 feet of Lot 12 and FURTHER EXCEPTING the westerly 4.50 feet  
of Lot 11 and the easterly 15.50 feet of Lot 12 of Block 10 of Maugh's and Williams' Addition to the City of  
Mauston, Juneau County, Wisconsin.

STATE TRANSFER  
TAX PAID  
\$45.00

This is not homestead property.  
(is) or (is not)

Together with all and singular the hereditaments and appurtenances thereunto belonging;  
And Grantor

warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except easements and restrictions of record  
and will warrant and defend the same.

Dated this 29 day of June, 19 98

Alto Dairy Cooperative  
(SEAL) Ken Leitner, Vice President (SEAL)  
(SEAL) (SEAL)

AUTHENTICATION

ACKNOWLEDGMENT

Signature (s)  
authenticated this day of , 19

STATE OF WISCONSIN  
Juneau County.  
Personally came before me this 29th day of  
June, 19 98 the above named  
Ken Leitner

TITLE: MEMBER STATE BAR OF WISCONSIN  
(if not,  
authorized by SS 706.06, Wis. Stats.)

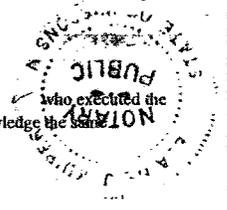
to me known to be the person  
foregoing instrument and acknowledge the same

THIS INSTRUMENT WAS DRAFTED BY  
Attorney Thomas J. Casey  
Mauston, WI 53948

Notary Public  
My Commission is permanent. (If not, state expiration date:  
19 98

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

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



INDEXED

DOCUMENT NO. 291196

STATE BAL OF WISCONSIN FORM 1 - 1982 WARRANTY DEED

THIS SPACE RESERVED FOR RECORDING DATA Vol. 329 Page 150

Register's Office ) SS Juneau County Wis. ) Received for Record

This Deed, made between Mauston Cooperative Creamery, a cooperative, organized and existing under the laws of the State of Wisconsin, and Mauston Farmers Cooperative Association, a cooperative organized and existing under and by virtue of the laws of the State of Wisconsin,

AUG 14 1987 3:35 P.M. and Recorder in Vol. 329 of Records Page 150-151 [Signature] REGISTER OF DEEDS RETURN TO Curran 600

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

Tax Parcel No: \_\_\_\_\_

A part of Lots 11 and 12 of Block 10 of Maugh and Williams Addition to the City of Mauston, Juneau County, Wisconsin, to-wit: The westerly 4.50 feet of Lot 11 and the easterly 15.50 feet of Lot 12 of Block 10 of Maugh and Williams Addition to the City of Mauston, Juneau County, Wisconsin, containing 2000 SQ. FT. in area.

Together with an easement for access purposes over, on and across a strip of land, 12 feet in width and 100 feet in length adjacent and parallel to the easterly line of the above-described premises.

STATE TRANSFER TAX PAID \$24.00

This is not homestead property. (is not)

Together with all and singular the hereditaments and appurtenances thereunto belonging: And Mauston Cooperative Creamery warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except municipal and zoning ordinances, recorded easements for public utilities, recorded building and use restrictions and covenants and general taxes levied in the year of closing and will warrant and defend the same.

Dated this 14th day of August, 1987. MAUSTON COOPERATIVE CREAMERY:

(SEAL) BY: [Signature] (SEAL) Wilbur Voss, President ATTEST: [Signature] (SEAL) Borden Beulow, Secretary

STATE OF WISCONSIN ) ss. COUNTY OF JUNEAU )

Personally came before me, this 14th day of August, 1987, Wilbur Voss, President, and Borden Beulow, Secretary of the above named Cooperative, to me known to be the persons who executed the foregoing instrument and to me known to be such President and Secretary of said Cooperative, and acknowledged that they executed the foregoing instrument as such officers as the deed of said Cooperative, by its authority.



[Signature] Douglas K. Marone Notary Public Juneau County, Wisconsin. My Commission Expires: \_\_\_\_\_

This instrument drafted by Attorney Douglas K. Marone, Mauston, Wisconsin.

**AUTHENTICATION**

Signature(s) .....

authenticated this ..... day of ....., 19.....

TITLE: MEMBER STATE BAR OF WISCONSIN

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

THIS INSTRUMENT WAS DRAFTED BY

Attorney Douglas K. Marone

Mauston, Wisconsin.

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

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



STATE BAR OF WISCONSIN  
FORM No. 1 — 1962

Stock No. 13001

**ACKNOWLEDGMENT**

Vol. 329 Page 151

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 acknowledge the same.

Notary Public ..... County, Wis.  
My Commission is permanent. (If not, state expiration date: ....., 19.....)



LACROSSE ST.

HICKORY ST.

PRAIRIE ST.

PINE ST.

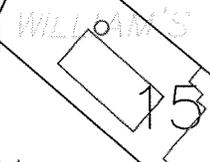
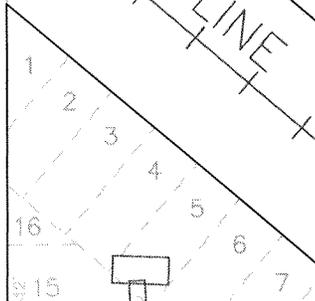
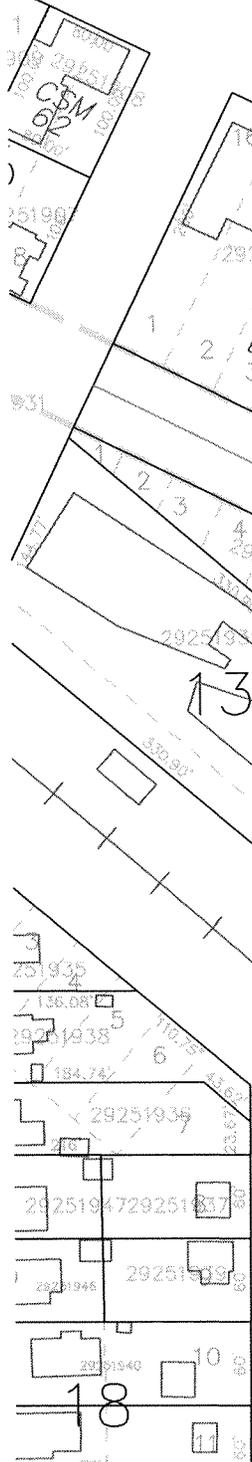
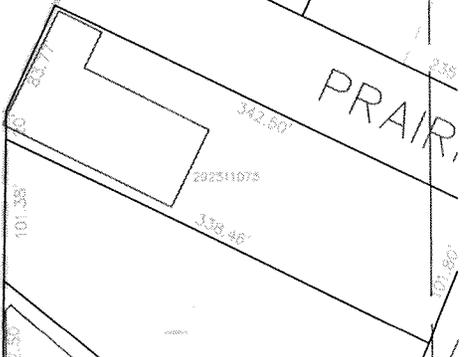
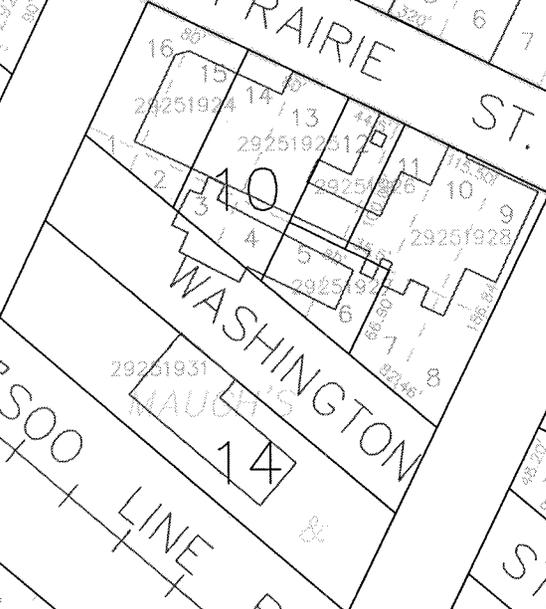
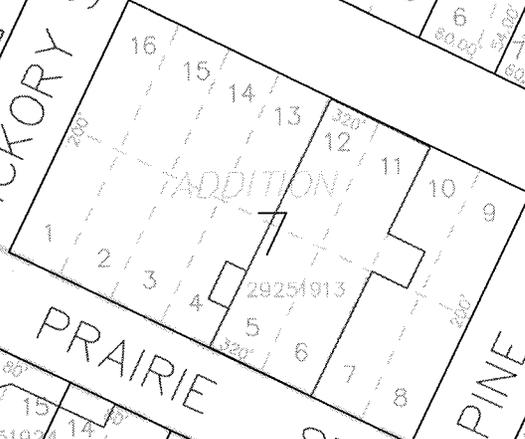
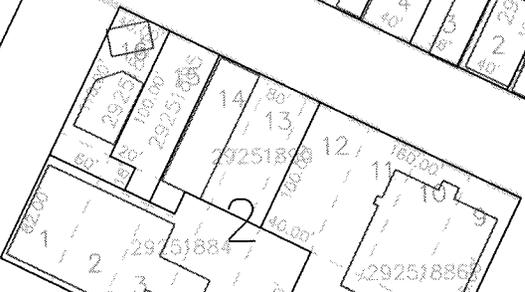
UNION ST.

WASHINGTON ST.

500 LINE RR

LACROS

PRAIR



CSM 82

ADDITION

CSM 95

CSM 62

3

8

14

15

16

6

2

7

7

9

8

1

1

1

1

1

1

1

1

1

1

1

2

2

2

2

2

2

3

3

3

3

3

3

4

4

4

4

4

4

5

5

5

5

5

5

6

6

6

6

6

6

7

7

7

7

7

7

8

8

8

8

8

8

9

9

9

9

9

9

10

10

10

10

10

10

11

11

11

11

11

11

12

12

12

12

12

12

13

13

13

13

13

13

14

14

14

14

14

14

15

15

15

15

15

15

16

16

16

16

16

16

17

17

17

17

17

17

18

18

18

18

18

18

19

19

19

19

19

19

20

20

20

20

20

20

21

21

21

21

21

21

22

22

22

22

22

22

23

23

23

23

23

23

24

24

24

24

24

24

25

25

25

25

25

25

26

26

26

26

26

26

27

27

27

27

27

27

28

28

28

28

28

28

29

29

29

29

29

29

30

30

30

30

30

30

31

31

31

31

31

31

32

32

32

32

32

32

33

33

33

33

33

33

34

34

34

34

34

34

35

35

35

35

35

35

36

36

36

36

36

36

37

37

37

37

37

37

38

38

38

38

38

38

39

39

39

39

39

39

40

40

40

40

40

40

41

41

41

41

41

41

42

42

42

42

42

42

43

43

43

43

43

43

44

44

44

44

44

44

45

45

45

45

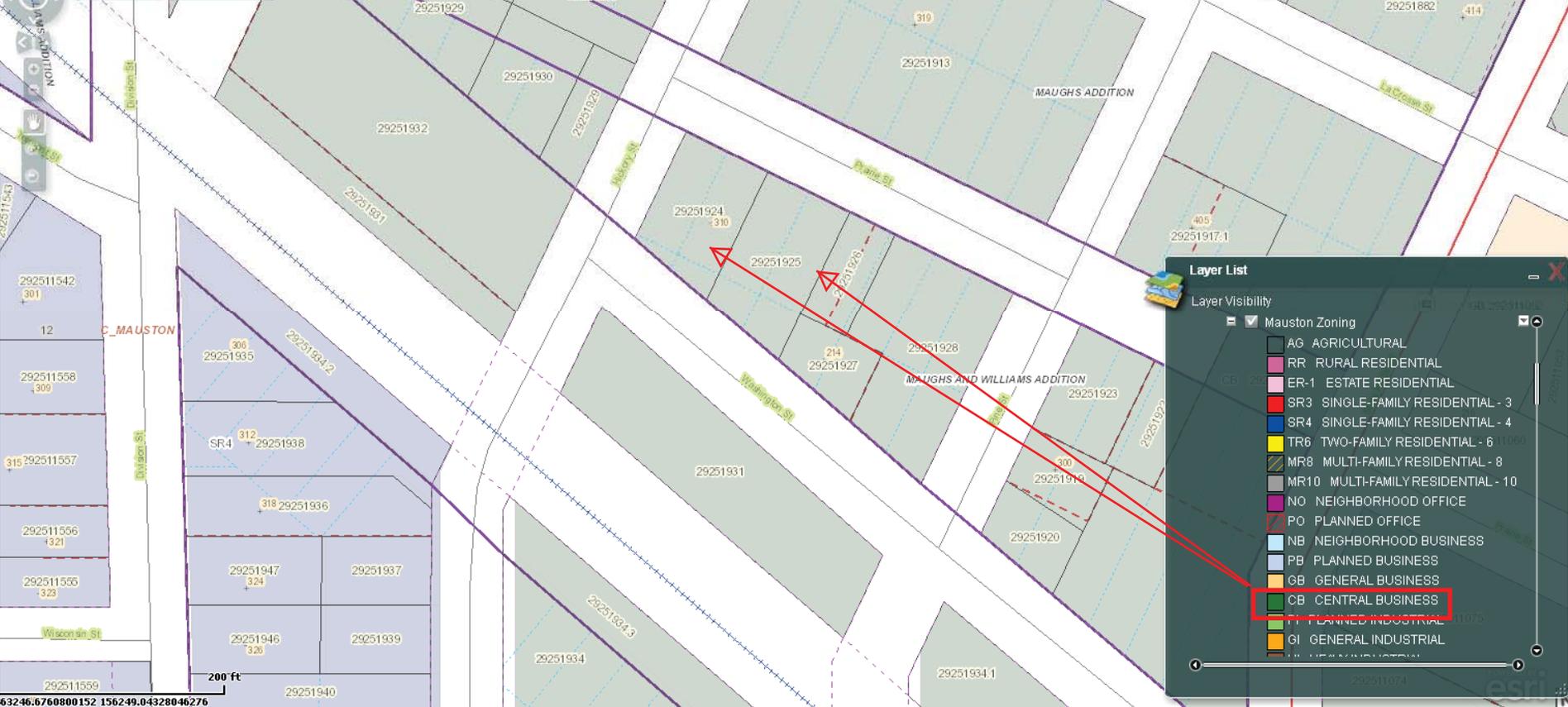
45

45

&lt;

Map Layers

Basemap



**Layer List**

Layer Visibility

- Mauston Zoning
  - AG AGRICULTURAL
  - RR RURAL RESIDENTIAL
  - ER-1 ESTATE RESIDENTIAL
  - SR3 SINGLE-FAMILY RESIDENTIAL - 3
  - SR4 SINGLE-FAMILY RESIDENTIAL - 4
  - TR6 TWO-FAMILY RESIDENTIAL - 6
  - MR8 MULTI-FAMILY RESIDENTIAL - 8
  - MR10 MULTI-FAMILY RESIDENTIAL - 10
  - NO NEIGHBORHOOD OFFICE
  - PO PLANNED OFFICE
  - NB NEIGHBORHOOD BUSINESS
  - PB PLANNED BUSINESS
  - GB GENERAL BUSINESS
  - CB CENTRAL BUSINESS**
  - PI PLANNED INDUSTRIAL
  - GI GENERAL INDUSTRIAL

Mauston Farmer's Coop Hardware Store

BRRTS No. 03-29-229153

Parcel ID No. 29251924 & 29251925

Statement of legal property description:

I, Scott Firlus believe the attached legal description for Parcel No. 29251924 & 29251925 accurately describes the correct property.

Scott Firlus COO

Mr. Scott Firlus, Allied Cooperative

Date: 8-28-14



**REFERENCE**

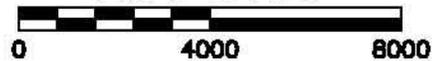
USGS 7.5 MIN. TOPOGRAPHIC QUADRANGLES MAUSTON, WISCONSIN. DATED 2013.



QUADRANGLE LOCATION



**SCALE IN FEET**



**SAND CREEK CONSULTANTS, INC.**  
 108 E DAVENPORT ST.  
 RHINELANDER, WI 54501  
 TEL: 715.365.1818

**SITE LOCATION MAP**

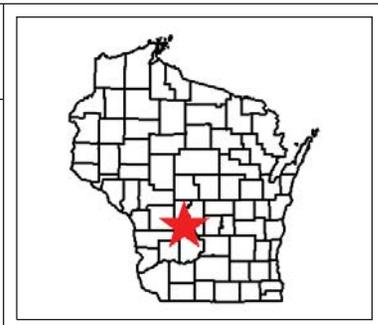
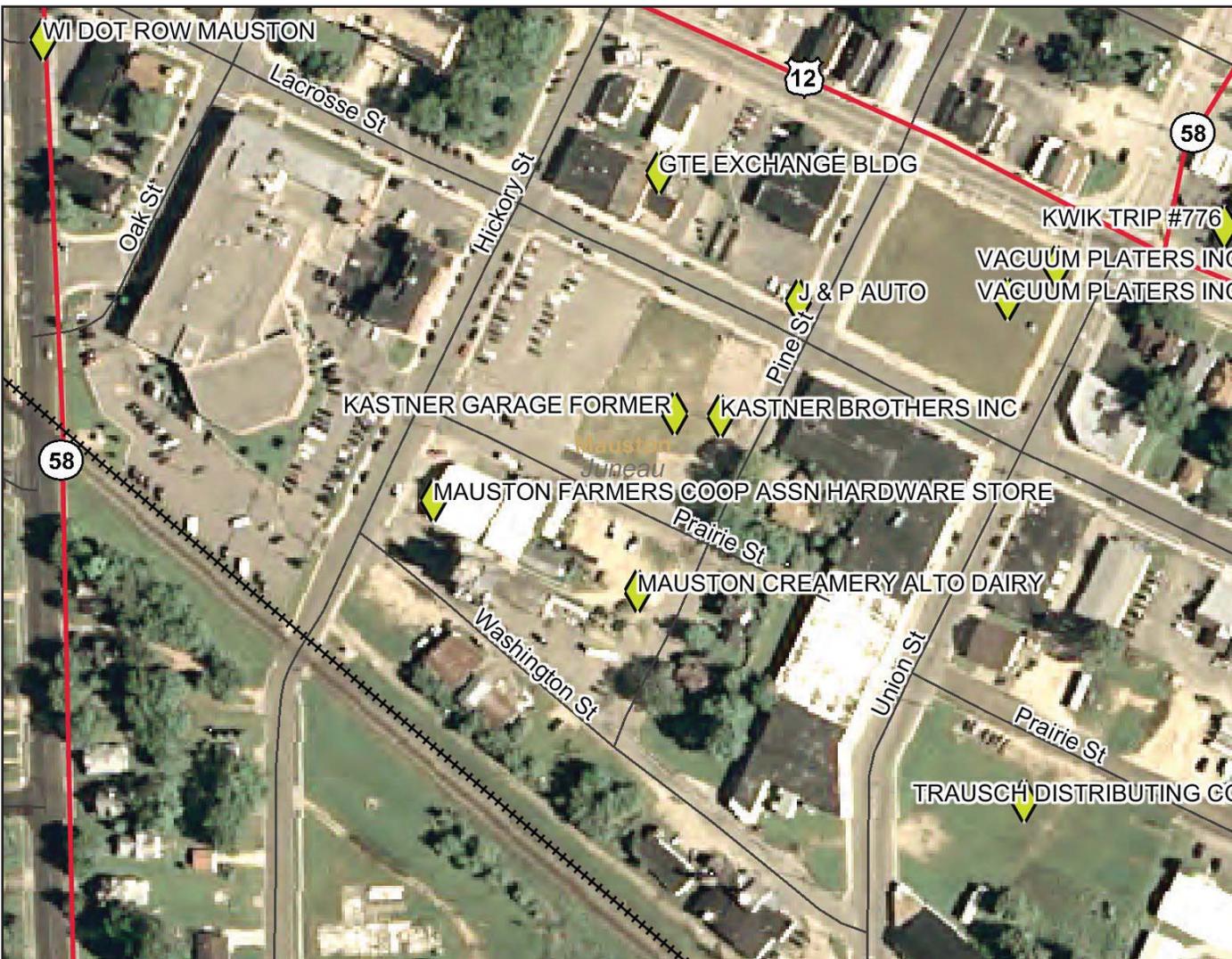
MAUSTON FEED MILL  
 310 PRAIRIE ST, MAUSTON, WISCONSIN

**FIGURE 1**

**DRAWN BY: HMD**  
 JULY 2014

# RR Sites Map

Map Created on May 02, 2013



### Legend

- Open Sites (ongoing cleanups)
- Open Sites (ongoing cleanups) - site boundaries shown
- Closed Sites (completed cleanups)
- Closed Sites (completed cleanups) - site boundaries shown
- County Boundary
- Railroads
- County Roads (WDOT)
- County Trunk Highway
- State and U.S. Highways (WDOT)
- State Trunk Highway
- US Highway
- Interstate Highways (WDOT)
- Interstate Highway
- Local Roads (WDOT)
- Civil Towns
- Civil Town
- 24K Open Water
- 24K Rivers and Shorelines
- Municipalities



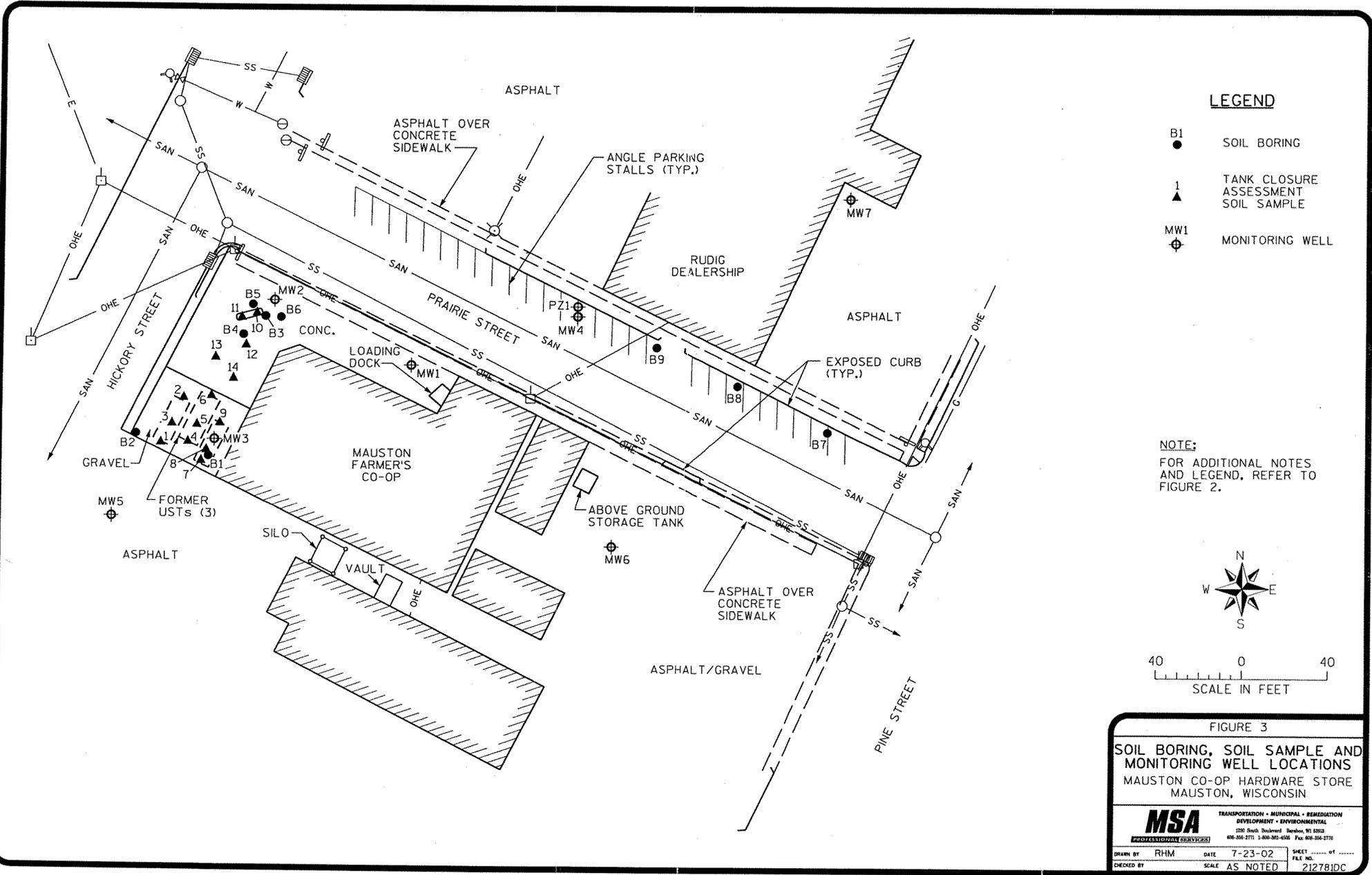
Map created on May 2, 2013

Note: Not all RR Sites have been geo-located yet.



Scale: 1:2,475

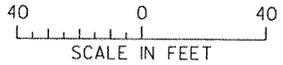
This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.



**LEGEND**

- B1 ● SOIL BORING
- 1 ▲ TANK CLOSURE ASSESSMENT SOIL SAMPLE
- MW1 ⊕ MONITORING WELL

**NOTE:**  
FOR ADDITIONAL NOTES AND LEGEND, REFER TO FIGURE 2.



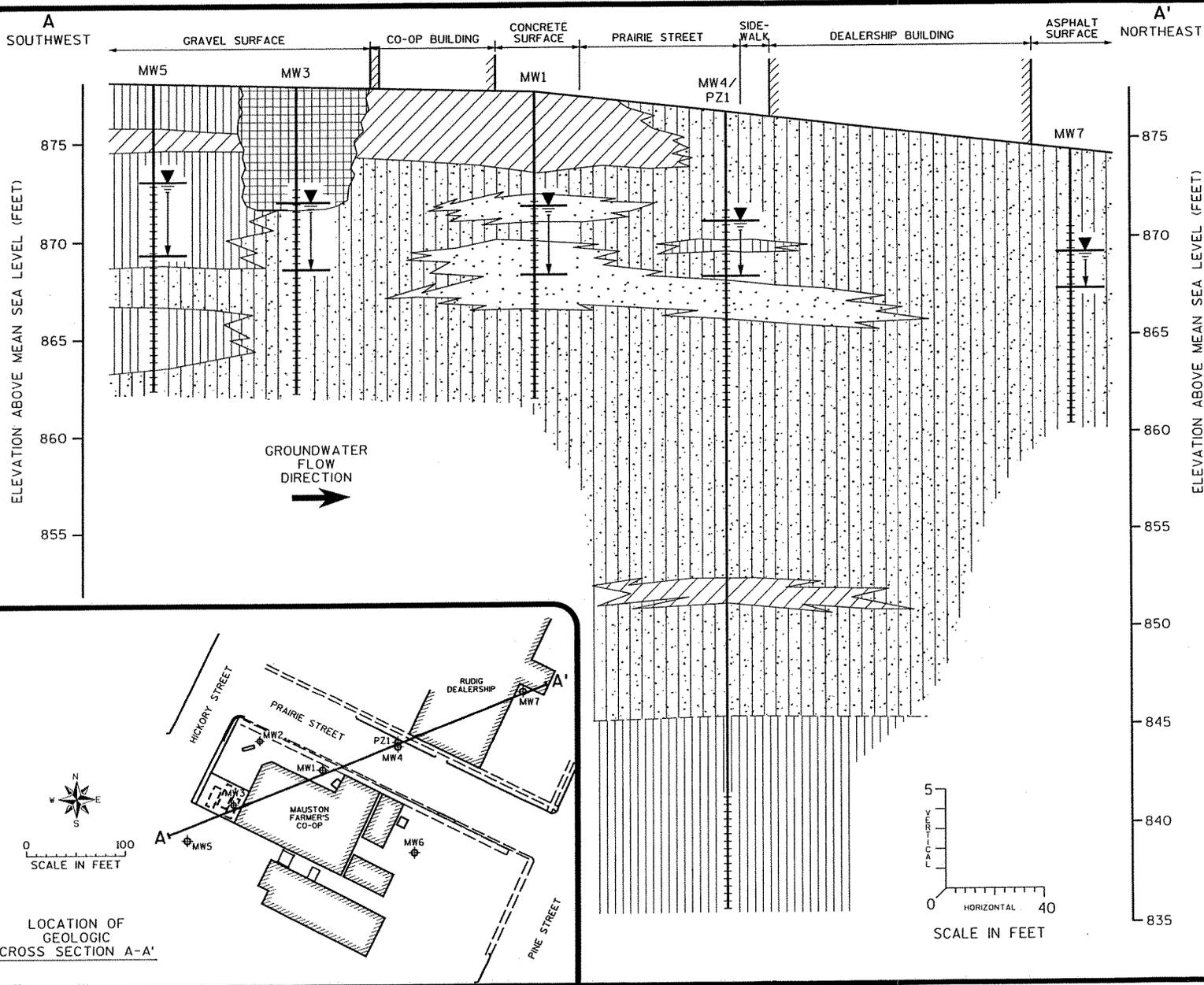
**FIGURE 3**

**SOIL BORING, SOIL SAMPLE AND MONITORING WELL LOCATIONS**  
**MAUSTON CO-OP HARDWARE STORE**  
**MAUSTON, WISCONSIN**

**MSA** TRANSPORTATION • MUNICIPAL • REMEDIATION  
 DEVELOPMENT • ENVIRONMENTAL  
 230 South DeLaware Harbor, WI 53503  
 608-366-2771 1-800-363-4636 Fax 608-366-2770

DRAWN BY RHM DATE 7-23-02 SHEET \_\_\_\_\_ of \_\_\_\_\_  
 CHECKED BY SCALE AS NOTED FILE NO. 21278JDC

02/21/2006  
 02:58:47 PM



**LEGEND**

-  FILL
-  SILTY CLAY
-  SAND
-  SILTY SAND
-  SILT
-  RANGE OF THE ELEVATION OF THE WATER TABLE OF THE TABLE SURFACE

**NOTES:**

1. INFORMATION BETWEEN SOIL BORINGS IS INTERPRETED BASED UPON AVAILABLE DATA. ACTUAL CONDITIONS BETWEEN SOIL BORINGS ARE UNKNOWN
2. FOR THE PURPOSE OF ILLUSTRATING SUBSOIL CONDITIONS ON THE CROSS SECTIONS, SOME OF THE BORING LOGS HAVE BEEN SIMPLIFIED. FOR A DETAILED DESCRIPTION OF SUBSURFACE CONDITIONS AT INDIVIDUAL BORINGS REFER TO SOIL BORING LOGS.

FIGURE 8

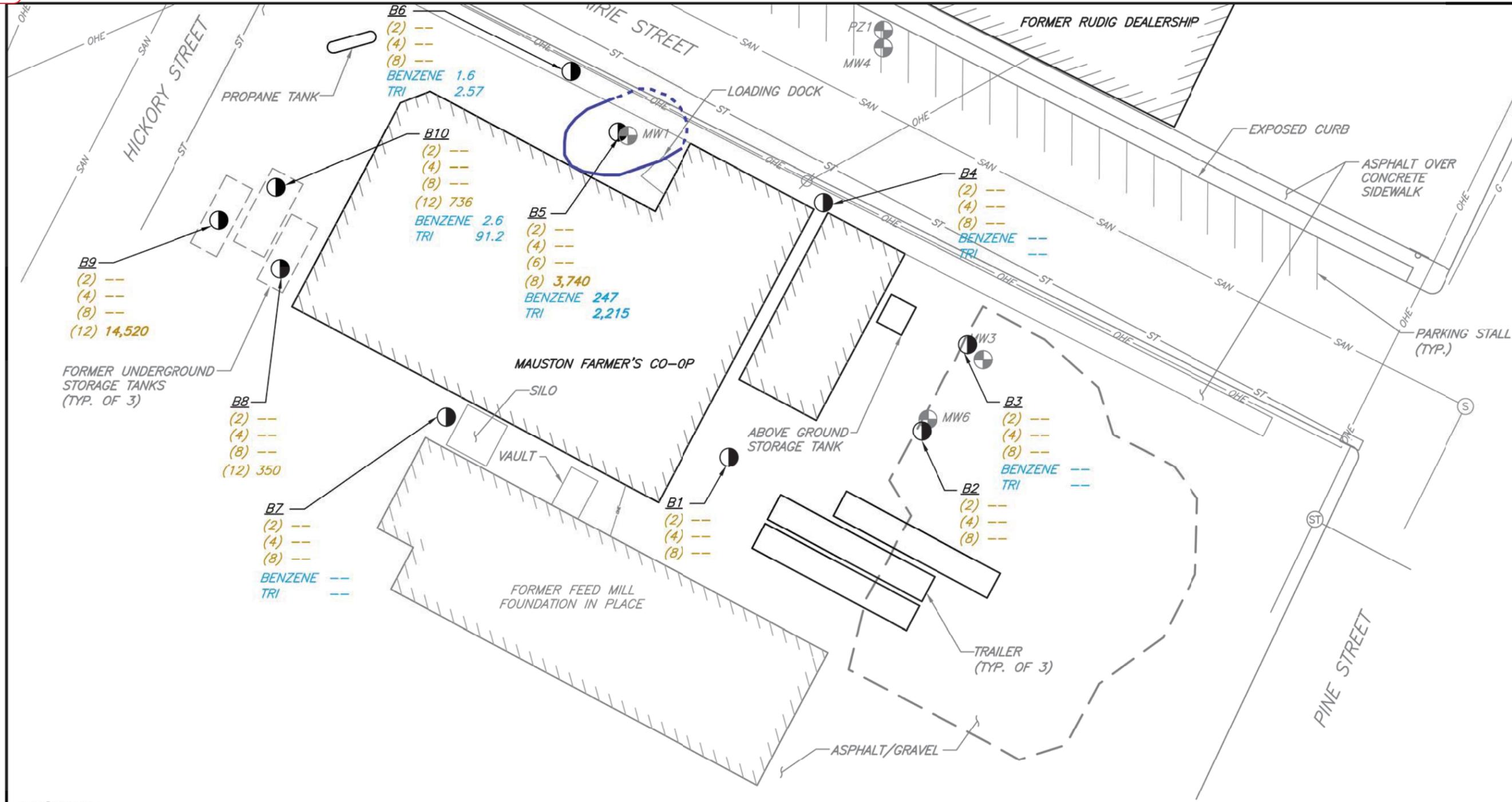
**GEOLOGIC CROSS SECTION A-A'**  
 MAUSTON CO-OP HARDWARE STORE  
 MAUSTON, WISCONSIN

**MSA**  
 PROFESSIONAL SURVEYORS

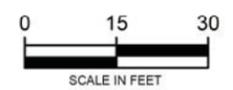
TRANSPORTATION • MUNICIPAL  
 DEVELOPMENT • ENVIRONMENTAL  
 1230 South Boulevard Baraboo, WI 53913  
 608-356-2771 1-800-362-4565 Fax: 608-356-2770  
 © MSA PROFESSIONAL SURVEYORS

DRAWN BY RHM DATE 5-2-05 SHEET ..... OF .....  
 CHECKED BY SCALE AS NOTED FILE NO. 212781AH

05/16/2005 02:55:02 PM



**ESTIMATED RESIDUAL PETROLEUM IMPACTED GROUNDWATER**



**LEGEND**

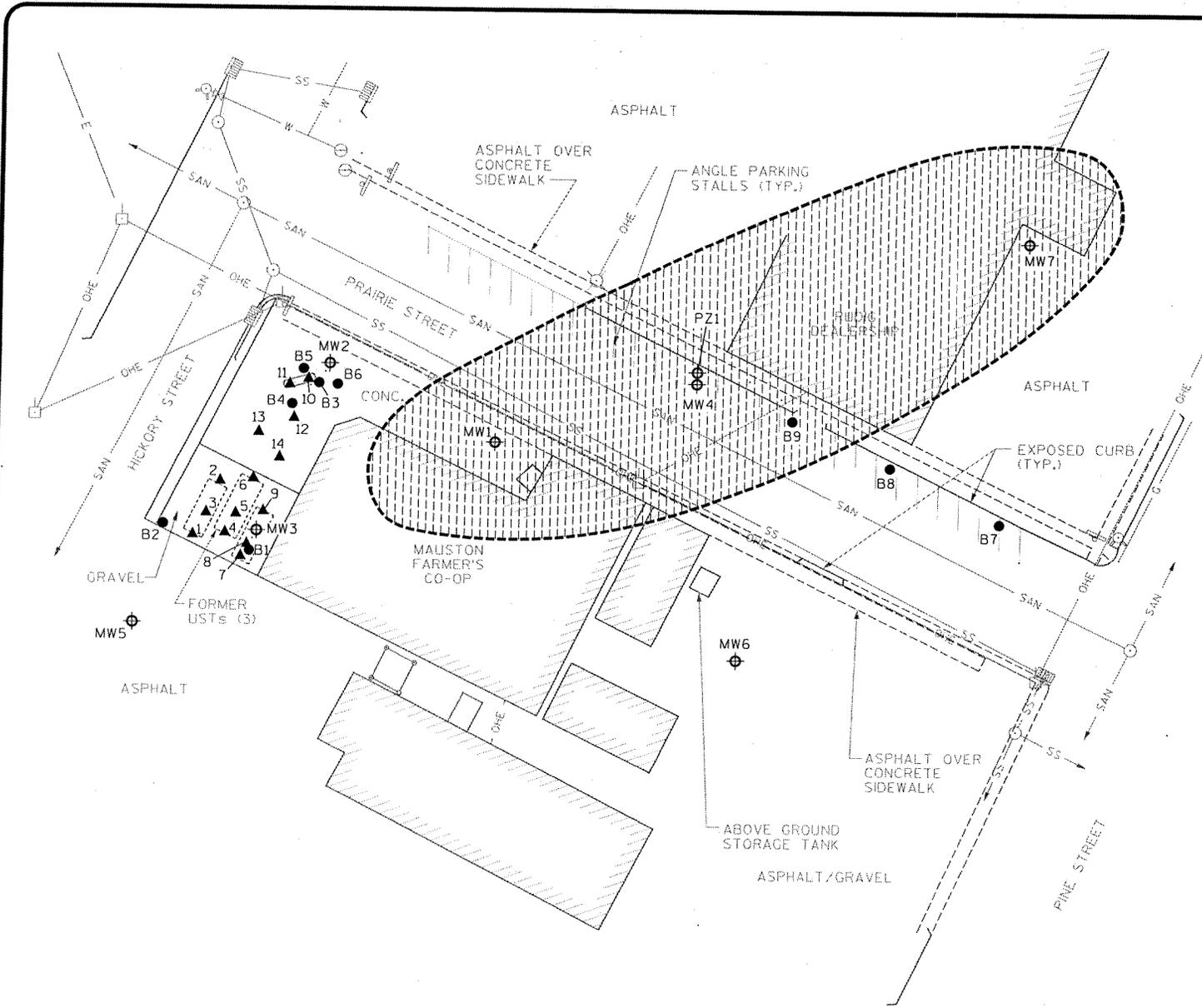
	BUILDING		STORM SEWER INLET	(2)	(DEPTH- FEET)
	STORM SEWER LINE		SANITARY SEWER MANHOLE	2.6	BENZENE GROUNDWATER RESULTS (µg/l) (MICROGRAMS PER LITER)
	SANITARY SEWER LINE		UTILITY POLE	736	TRIMETHYLBENZENE SOIL RESULTS (µg/kg) (MICROGRAMS PER KILOGRAM)
	OVERHEAD ELECTRIC LINE		FIRE HYDRANT	---	RESULT BELOW LABORATORY DETECTION LIMITS
	GAS LINE		GAS VALVE	3,740 2,215	BOLD INDICATES AN EXCEEDANCE
	FORMER EXCAVATION AREA		SIGN		ESTIMATED EXTENT OF GROUNDWATER EXCEEDING ENFORCEMENT STANDARDS
	STORM SEWER MANHOLE		FORMER MONITORING WELL		
			BORINGS (FEBRUARY 11, 2014)		

**NOTE:**  
EXISTING CONDITIONS DIGITIZED FROM MSA FIGURE 3 DATED JULY 2002. FORMER EXCAVATION AREA DIGITIZED FROM MEE FIGURE 4.

**FORMER MAUSTON FEED MILL  
310 PRAIRIE STREET  
MAUSTON WISCONSIN**

DATE: JULY 2014  
SCALE: 1"=30'  
DRAWN BY: HD  
APPROVED:

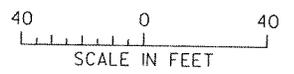
**FIGURE 3**



**LEGEND**

- ⊕ MONITORING WELL
- SOIL BORING
- ▲ TANK CLOSURE ASSESSMENT SOIL SAMPLE
- APPROXIMATE EXTENT OF GROUNDWATER CONTAMINATION EXCEEDING NR 140 ENFORCEMENT STANDARDS AS OF FEBRUARY 10, 2004

**NOTE:**  
FOR ADDITIONAL NOTES AND LEGEND, REFER TO FIGURE 2.

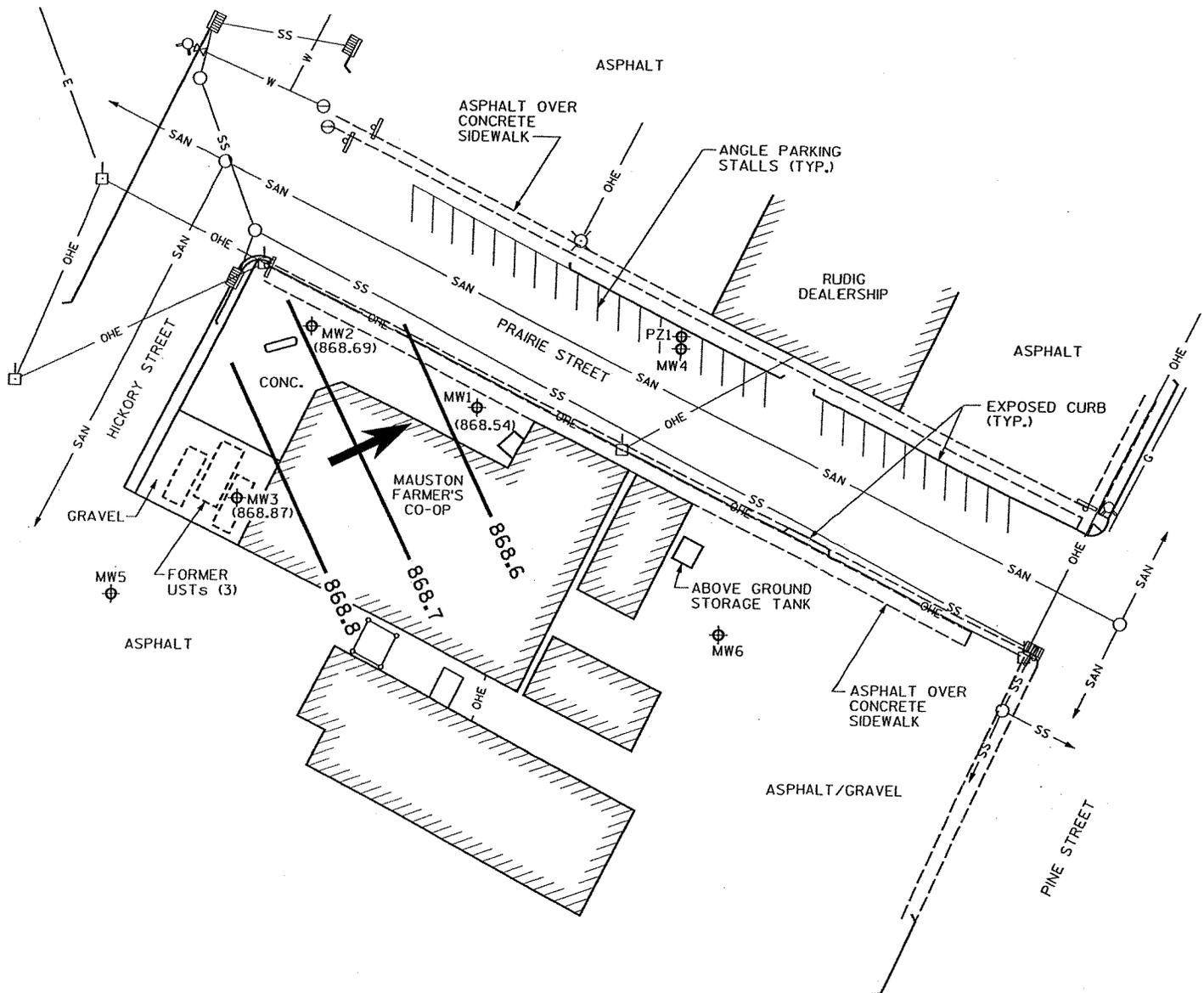


**FIGURE 10**  
**APPROXIMATE EXTENT OF GROUNDWATER CONTAMINATION EXCEEDING NR 140 ENFORCEMENT STANDARDS AS OF FEBRUARY 10, 2004**  
**MAUSTON CO-OP HARDWARE STORE**  
**MAUSTON, WISCONSIN**

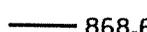
**MSA** TRANSPORTATION • MUNICIPAL • REMEDIATION  
DEVELOPMENT • ENVIRONMENTAL  
1220 South Boulevard, Mauston, WI 53653  
608-786-5771 1-800-362-4026 Fax: 608-786-5770

DRAWN BY RHM DATE 5-2-05 SHEET NO. 01 OF 01  
CHECKED BY SCALE AS NOTED FILE NO. 212781AK

B2712856  
05/28/05 PM



**LEGEND**

- 
 MW1 (868.54) MONITORING WELL WITH GROUNDWATER ELEVATION
- 
 868.6 GROUNDWATER CONTOUR WITH ELEVATION
- 
 APPROXIMATE GROUNDWATER FLOW DIRECTION

**NOTE:**  
FOR ADDITIONAL NOTES AND LEGEND, REFER TO FIGURE 2.

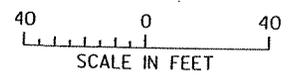


FIGURE 4

**GROUNDWATER FLOW DIRECTION**  
MARCH 8, 2000  
MAUSTON CO-OP HARDWARE STORE  
MAUSTON, WISCONSIN

**MSA** TRANSPORTATION • MUNICIPAL • REMEDIATION  
DEVELOPMENT • ENVIRONMENTAL  
120 South Boulevard, Sheboygan, WI 53081  
PH: 920-8773 FAX: 920-865-4067

DRAWN BY: RHM	DATE: 4-12-00	SHEET: 1 OF 1
CHECKED BY:	SCALE: AS NOTED	FILE NO: 2127RIAD

**TABLE 2**  
**GROUNDWATER CHEMISTRY DATA**  
Former Mauston Feed Mill  
310 Prairie Street  
Mauston, Wisconsin

Sample Location	Sample Date	Groundwater Depth (feet)	Benzene	Ethylbenzene	Methyl-tert-butyl ether	Naphthalene	Toluene	1,2,4-Trimethylbenzene µg/l	1,3,5-Trimethylbenzene	Trimethylbenzene, Total	Xylenes, Total
NR140 Groundwater Preventive Action Limit			0.5	140	12	10	160			96	400
NR140 Groundwater Enforcement Standard			5	700	60	100	800			480	2000
<b>B3</b>	2/11/14	8.21	--	--	--	--	--	--	--	--	--
<b>B4</b>	2/11/14	7.95	--	--	--	--	--	--	--	--	--
<b>B5</b>	2/11/14	8.58	<b>247</b>	<b>1970</b>	--	<b>619</b>	<b>7670</b>	1730	485	<b>2215</b>	<b>9790</b>
<b>B6</b>	2/11/14	8.18	<i>1.3</i>	<i>4.0</i>	--	<i>0.72 J</i>	15.6	2.0	<i>0.57 J</i>	2.57	14.6
<b>B7</b>	2/11/14	9.37	--	<i>0.43 J</i>	--	--	1.9	--	--	--	<i>2.3 J</i>
<b>B10</b>	2/11/14	8.77	2.6	15.6	1.8	26.8	2.7	50.4	40.8	91.2	12.8

**Notes:**

- Blank Cell = No data (not analyzed).
- 4.4* Italic result indicates exceedence of Wisconsin Preventive Action Limit.
- 12** Bold result indicates exceedence of Wisconsin Enforcement Standard.
- = Not detected; below method detection limit. See laboratory reports for detection limits.

J = Analyte was detected but is below the reporting limit. The concentration is estimated.  
µg/l = microgram per liter

**Laboratory Results - Groundwater Grab Samples From Borings  
Mauston Farmer's Cooperative - Hardware Store  
310 Prairie Street, Mauston, WI**

Location	Benzene	Ethylbenzene	MtBE	Naphthalene	Toluene	Trimethylbenzenes	Xylenes
<b>NR 140</b>							
ES	5	700	60	40	1000	480	10000
PAL	0.5	140	12	8	200	96	1000
<b>B-1</b>	<b>350</b>	240	50	<b>85</b>	350	140	600
<b>B-2</b>	<0.10	<0.10	<1.1	<0.70	0.1	0.3	<0.20
<b>B-3</b>	<0.10	0.2	<1.1	8.9	0.3	13.5	11.7
<b>B-7</b>	<0.40	<0.40	<0.40		<0.40	<0.40	<0.80
<b>B-8</b>	<0.40	<0.40	<0.40		<0.40	<0.40	<0.80
<b>B-9</b>	<b>1000</b>	<b>2000</b>	<40		<b>3300</b>	<b>2410</b>	9000

B-1 through B-3 were collected in December 1999

B-7 through B-9 were collected in September 2005

MtBE = methyl-tert-butylether

ES = Wisconsin Administrative Code NR 140 enforcement standard

PAL = Wisconsin Administrative Code NR 140 preventive action limit

**Mauston Farmer's Cooperative Hardware Store  
Mauston, Wisconsin**

	Benzene	Toluene	Ethyl- benzene	Xylenes	Trimethyl- benzenes	MtBE	Naph- thalene	Lead	Nitrate	D.O.	GW Level
<b>NR 140</b>											
ES	5	1000	700	10000	480	60	40	15	10		
PAL	0.5	200	140	1000	96	12	8	1.5	2		
<b>MW-1</b>											TOC=876.87
08-Mar-00	440	1500	170	940	214	<55	140	<1.0		0.4	868.54
30-Aug-00	1600	8100	1400	8200	2030	<40				0.1	870.15
03-Nov-00	1300	8100	1400	8100	2040	<100	710		11.6	0.2	869.42
20-Mar-01	900	5400	540	4400	1250	<20	340				869.75
22-Jun-01	44	100	54	400	227	26	11			0.2	871.85
19-Sep-01	1400	9400	1700	9500	2300	<200	820			<0.2	870.50
10-Dec-01	1300	7200	1400	8900	2280	<80	930			0.2	870.21
12-Jul-02	1600	8700	1500	8400	2190	<200	1200			0.2	870.59
15-Oct-02	1300	7300	1400	7900	2060	26	890			0.2	869.99
24-Jan-03	1400	11000	1500	10200	2380	<100	890			0.2	868.85
22-Apr-03	1300	10000	1500	9200	2270	<75	730			0.2	868.85
12-Aug-03	890	6700	1500	8300	2150	<30	760			<0.2	869.75
14-Oct-03	880	6900	1500	8700	2130	<60	<120			0.2	869.63
10-Feb-04	950	11000	1800	10500	2220	<75	960			0.2	868.94
14-Sep-05	800	8300	1600	9200	2240	<80				0.2	868.25
20-Dec-05	690	8000	1700	10400	2290	<20					868.19
											868.40
<b>MW-2</b>											TOC=876.89
08-Mar-00	<0.10	<0.10	<0.10	<0.20	0.93	<1.1	<0.70	<1.0		2.8	868.69
30-Aug-00	<0.50	<0.50	<0.50	<1.0	<0.50	<0.40				3	870.07
03-Nov-00	<0.40	<0.40	<0.40	<0.70	<0.40	<0.40	<1.0		19.0	3.8	869.42
20-Mar-01	<0.40	<0.40	<0.40	<0.70	<0.40	<0.40	<1.0				869.91
22-Jun-01	<0.40	<0.40	<0.40	<0.70	<0.40	<0.40	<1.0			2.6	871.94
19-Sep-01	<0.40	<0.40	<0.40	<0.70	<0.40	<0.40	<1.0			1.8	870.41
10-Dec-01	<0.40	<0.04	<0.40	<0.90	<0.50	<0.40	<1.3			2.4	870.19
12-Jul-02	<0.40	<0.40	<0.40	<0.90	<0.50	<0.40	<1.3			0.8	870.65
15-Oct-02	<0.40	<0.40	<0.40	<0.90	<0.50	<0.40	<1.3			0.9	869.88
24-Jan-03	not sampled									1.2	869.01
12-Aug-03	not sampled									2.2	869.59
14-Oct-03	not sampled									1.8	868.92
10-Feb-04	not sampled									0.6	868.50
14-Sep-05	not sampled										868.19
20-Dec-05	not sampled										868.52

**Mauston Farmer's Cooperative Hardware Store  
Mauston, Wisconsin**

	Benzene	Toluene	Ethyl- benzene	Xylenes	Trimethyl- benzenes	MtBE	Naph- thalene	Lead	Nitrate	D.O.	GW Level
<b>NR 140</b>											
ES	5	1000	700	10000	480	60	40	15	10		
PAL	0.5	200	140	1000	96	12	8	1.5	2		
<b>MW-3</b>											
08-Mar-00	120	19	63	154	80	17	41	<1.0			TOC=877.14
30-Aug-00	5.6	2.2	13	6.3	7.1	6.9				0.2	868.87
03-Nov-00	2.6	5.1	18	21.7	18	5.5	14		0.120	0.4	870.23
20-Mar-01	15	1.8	27	55	26.9	3.1	9			0.2	869.45
22-Jun-01	inaccessible										870.16
19-Sep-01	0.95	<0.40	30	15.77	32.7	1.4	14				
10-Dec-01	1.4	1.3	19	13.6	22	3.1	11			0.2	870.64
12-Jul-02	5.2	6.8	160	101	121	<2.0	54			0.2	870.33
15-Oct-02	0.70	1.0	34	19.3	26.3	0.88	11			0.2	870.79
24-Jan-03	1.9	3.9	94	72.9	83.4	2.9	19			0.4	869.77
22-Apr-03	0.66	1.2	30	36	23.3	<0.30	0.87			0.3	869.15
12-Aug-03	<1.5	<2.0	170	45	120	<1.5	24			0.2	
14-Oct-03	1.2	<1.0	120	12	63	0.81	7.7			0.4	869.55
10-Feb-04	0.90	2.8	74	99	95	<0.60	29			0.2	869.04
14-Sep-05	under pallets of material									0.4	868.63
20-Dec-05	under pallets of material										
<b>MW-4</b>											
30-Aug-00	3	1	1.8	5.5	12.5	34					TOC=875.99
03-Nov-00	58	29	2.6	150	36.1	76	11		0.710	0.2	869.31
20-Mar-01	170	93	5.9	660	172	85	57			0.3	868.70
22-Jun-01	67	32	3.9	240	59.5	28	19				869.28
19-Sep-01	250	110	<4.0	770	255	45	74			0.2	870.90
10-Dec-01	240	62	<0.40	320	209	91	87			0.2	869.75
12-Jul-02	77	13	2.4	60	59	17	35			0.2	869.55
15-Oct-02	110	18	2.9	63	71.9	14	53			0.4	869.90
24-Jan-03	24	0.72	1.3	4.9	8.3	3.5	4.4			0.4	869.16
22-Apr-03	100	12	<2.0	26	27.9	12	47			0.2	868.58
12-Aug-03	<0.30	1.0	5.3	13.7	47.2	<0.30	4.5			0.2	869.12
14-Oct-03	<0.30	1.1	5.3	13.6	24.8	<0.30	2.5			0.4	868.92
10-Feb-04	9.4	1.0	0.63	2.36	3.56	0.77	3.3			0.2	868.48
14-Sep-05	2.2	0.44	1.9	4.1	3.34	<0.40				0.6	868.14
20-Dec-05	<0.40	<0.40	<0.40	<0.80	<0.40	<0.40					867.98
											868.12

**Mauston Farmer's Cooperative Hardware Store  
Mauston, Wisconsin**

	Benzene	Toluene	Ethyl- benzene	Xylenes	Trimethyl- benzenes	MtBE	Naph- thalene	Lead	Nitrate	D.O.	GW Level
<b>NR 140</b>											
ES	5	1000	700	10000	480	60	40	15	10		
PAL	0.5	200	140	1000	96	12	8	1.5	2		
<b>MW-5</b>											TOC=877.48
30-Aug-00	<0.50	<0.50	<0.50	<1.0	<0.50	<0.40				0.4	870.58
03-Nov-00	<0.40	<0.40	<0.40	<0.70	<0.40	<0.40	<1.0		<0.08	0.4	869.85
20-Mar-01	<0.40	<0.40	<0.40	<0.70	<0.40	<0.40	<1.0				870.38
22-Jun-01	<0.40	<0.40	<0.40	<0.70	<0.40	<0.40	<1.0			0.6	873.09
19-Sep-01	<0.40	<0.40	<0.40	<0.70	<0.40	<0.40	<1.0			0.3	870.90
10-Dec-01	<0.40	<0.40	<0.40	<0.90	<0.50	<0.40	<1.3			0.4	870.55
12-Jul-02	<0.40	<0.40	<0.40	<0.90	<0.50	<0.40	<1.3			0.6	871.14
15-Oct-02	<0.40	<0.40	<0.40	<0.90	<0.50	<0.40	<1.3			0.6	869.98
24-Jan-03	not sampled									0.8	869.35
22-Apr-03	not sampled									1.6	870.19
12-Aug-03	not sampled									0.8	869.82
14-Oct-03	not sampled									0.6	869.20
14-Sep-05	under a puddle										
20-Dec-05	not sampled										868.69
<b>MW-6</b>											TOC=876.54
30-Aug-00	<0.50	<0.50	<0.50	<1.0	<0.50	<0.40				0.5	869.56
03-Nov-00	<0.40	<0.40	<0.40	<0.70	<0.40	<0.40	1.0		5.88	0.6	868.84
20-Mar-01	<0.40	<0.40	<0.40	<0.70	<0.40	<0.40	<1.0				869.56
22-Jun-01	<0.40	<0.40	<0.40	<0.70	<0.40	<0.40	<1.0			1.8	872.07
19-Sep-01	<0.40	<0.40	<0.40	<0.70	<0.40	<0.40	<1.0			0.4	870.02
10-Dec-01	<0.40	<0.40	<0.40	<0.90	<0.50	<0.40	<1.3			0.6	869.78
12-Jul-02	<0.40	<0.40	<0.40	<0.90	<0.50	<0.40	<1.3			0.5	870.18
15-Oct-02	<0.40	<0.40	<0.40	<0.90	<0.50	<0.40	<1.3			0.4	869.25
24-Jan-03	not sampled									0.4	868.54
22-Apr-03	not sampled									0.6	869.33
12-Aug-03	not sampled									0.6	868.99
14-Oct-03	not sampled									0.6	868.47
14-Sep-05	not sampled										867.72
20-Dec-05	could not locate										

**Mauston Farmer's Cooperative Hardware Store  
Mauston, Wisconsin**

	Benzene	Toluene	Ethyl- benzene	Xylenes	Trimethyl- benzenes	MtBE	Naph- thalene	Lead	Nitrate	D.O.	GW Level
<b>NR 140</b>											
ES	5	1000	700	10000	480	60	40	15	10		
PAL	0.5	200	140	1000	96	12	8	1.5	2		
<b>MW-7</b>											
12-Jul-02	1.7	2.9	11	44	34.7	<0.40	36			0.2	TOC=873.90 868.95
15-Oct-02	1.1	1.4	6.3	11.2	27.5	<0.40	40				869.17
24-Jan-03	12	5.4	14	22	19.2	<0.40	45				867.89
22-Apr-03	1.2	1.5	5.8	10.6	13.3	<0.30	40				869.01
12-Aug-03	2.0	2.2	13	30	76	<0.30	78				868.34
14-Oct-03	3.3	3.8	18	42	67	<0.30	5.6				867.96
10-Feb-04	19	9.7	30	104	86	<1.5	100				867.42
14-Sep-05	0.87	1.4	5.6	12.7	27.2	<0.40					867.80
20-Dec-05	3.4	3.4	7.6	22	12.7	<0.80					867.85
<b>PZ-1</b>											
30-Aug-00	<0.50	<0.50	<0.50	<1.0	<0.50	<0.40				2.2	TOC=875.86 869.33
03-Nov-00	<0.40	<0.40	<0.40	<0.70	<0.40	<0.40	<1.0		3.02	5.4	868.73
20-Mar-01	<0.40	<0.40	<0.40	<0.70	<0.40	<0.40	<1.0				869.57
22-Jun-01	<0.40	<0.40	<0.40	<0.70	<0.40	<0.40	<1.0			6.0	871.90
19-Sep-01	<0.40	<0.40	<0.40	<0.70	<0.40	<0.40	<1.0			5.8	869.94
10-Dec-01	<0.40	<0.40	<0.40	<0.90	<0.50	<0.40	<1.3			2.0	869.70
12-Jul-02	<0.40	<0.40	<0.40	<0.90	<0.50	<0.40	<1.3			1.8	869.94
15-Oct-02	<0.40	<0.40	<0.40	<0.90	<0.50	<0.40	<1.3			2.0	869.10
24-Jan-03	not sampled									2.2	868.37
12-Aug-03	not sampled									0.4	868.81
14-Oct-03	not sampled										868.54
10-Feb-04	not sampled									1.2	868.01
14-Sep-05	not sampled										867.62
20-Dec-05	not sampled										867.99

All concentrations are in ug/L except dissolved oxygen and nitrate which are in mg/L.

MtBE = methyl-tert-butyl ether

D.O. = dissolved oxygen

ES = Wisconsin Administrative Code NR 140 enforcement standard

PAL = Wisconsin Administrative Code NR 140 preventive action level

Groundwater levels are in feet mean sea level.

**TABLE 3**  
**WATER ELEVATION DATA**  
Former Mauston Feed Mill  
310 Prairie Street  
Mauston, Wisconsin

<b>Sample Location</b>	<b>Sample Date</b>	<b>Groundwater Depth (feet)</b>
<b>B3</b>	2/11/14	8.21
<b>B4</b>	2/11/14	7.95
<b>B5</b>	2/11/14	8.58
<b>B6</b>	2/11/14	8.18
<b>B7</b>	2/11/14	9.37
<b>B10</b>	2/11/14	8.77

**TABLE 4**

**HISTORIC WATER ELEVATION DATA**

Former Mauston Feed Mill  
310 Prairie Street  
Mauston, Wisconsin

<b>Sample Location</b>	<b>Date</b>	<b>Top of Casing</b>	<b>Groundwater Level (msl)</b>	<b>Groundwater Depth (feet)</b>
MW-1	Mar-00	876.87	868.54	8.33
	Aug-00		870.15	6.72
	Nov-00		869.42	7.45
	Mar-01		869.75	7.12
	Jun-01		871.85	5.02
	Sep-01		870.5	6.37
	Dec-01		870.21	6.66
	Jul-02		870.59	6.28
	Oct-02		869.99	6.88
	Jan-03		868.85	8.02
	Apr-03		869.75	7.12
	Aug-03		869.63	7.24
	Oct-03		868.97	7.9
	Feb-04		868.25	8.62
	Sep-05		868.19	8.68
Dec-05		868.4	8.47	
B5	Feb-14		--	8.58
Average water level:				7.38

**Notes:**

Historic water level data for MW-1 from MSA Profession Services, Inc. data tabl submitted with the Mauston Farmer's closure document in 2006.

