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

REVISED
2:07 pm, Nov 15, 2014

POST CLOSURE

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

Source Property Information

CLOSURE DATE: 10/07/2014

BRRTS #: **02-42-547319**

FID #:

ACTIVITY NAME: Allied Cooperative - Tomah

DATCP #: 13-690-03-29-01

PROPERTY ADDRESS: 711 Fair Street

PECFA#:

MUNICIPALITY: Tomah

PARCEL ID #: 286-00362-0000

***WTM COORDINATES:**

X: **478753** Y: **388847**

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

WTM COORDINATES REPRESENT:

- (•) Approximate Center Of Contaminant Source
- ( ) Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

CONTINUING OBLIGATIONS

Contaminated Media for Residual Contamination:

- [X] Groundwater Contamination > ES *(236)*
  - [X] 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:

Site reopened in 2013 to address residual soil contamination, which was completely removed by excavation.

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

( ) Yes ( ) No (•) N/A

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

State of Wisconsin Department of Natural Resources http://dnr.wi.gov	**PLEASE ASSEMBLE IN THIS ORDER**	**GIS Registry Checklist** Form 4400-245 (R 8/11) Page 1 of 3

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 #: 02-42-547319 *(No Dashes)* PARCEL ID #: 286-00362-0000

ACTIVITY NAME: Allied Cooperative - Tomah WTM COORDINATES: X: 478753 Y: 388847

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

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

SOURCE LEGAL DOCUMENTS

- [x] **Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
  Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- [ ] **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

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

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

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

- [x] **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
  Note: *Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*

  Figure #: 1 + **Title: General Site Location & Tomah 711 Fair Street--Created on Apr 03, 2013**
- [x] **Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: 2 & 2 **Title: Site Layout & Site Plan**
- [x] **Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL)as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: 3, 4, & 5 **Title: Soil Sample Results, Proposed Excavation Areas, & Soil Sample and Excavation Area**

BRRTS #: 02-42-547319 ACTIVITY NAME: Allied Cooperative - Tomah

MAPS (continued)

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

Figure #: 4 **Title: 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 #: 6 - 9 **Title: Alachlor, Metolachlor, Nitrate/Nitrite - N, and Ammonia - N Isoconcentration Maps**

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

Figure #: 5 **Title: Water Table Map for November 16, 2006**

Figure #: **Title:**

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

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

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

Table #: 1 & 1 **Title: Soil Chemistry Data & Soil Chemistry Data - Remedial Excavation Mobile Lab Results**

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

Table #: 4 **Title: Groundwater Analytical Results Summary**

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

Table #: 2 **Title: Water Level Summary**

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.
Note: *If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.*

☒ **Not Applicable**

☐ **Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.
Note: *If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.*

Figure #: **Title:**

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

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

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

BRRTS #: 02-42-547319 ACTIVITY NAME: Allied Cooperative - Tomah

NOTIFICATIONS

Source Property

☒ **Not Applicable**

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

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

Off-Source Property

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

☐ **Not Applicable**

☐ **Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.
Note: *Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.*

Number of "Off-Source" Letters:

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

☐ **Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies).** This does not apply to right-of-ways.
Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

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

Figure #: **Title:**

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

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

POST CLOSURE

State of Wisconsin
Governor Scott Walker

Department of Agriculture, Trade and Consumer Protection
Ben Brancel, Secretary

October 7, 2014

Mr. Scott Firlus, COO
Allied Cooperative
P.O. Box 729
Adams, WI 53910

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

Re: Final Case Closure with Continuing Obligations
Allied Cooperative – Tomah Fair Street Facility
711 Fair Street, Tomah, Wisconsin

DATCP CTS #13690032901
DNR BRRTS #02-42-547319

Dear Mr. Firlus:

The Department of Agriculture, Trade and Consumer Protection (DATCP) considers the case referenced above closed with continuing obligations. No further investigation or remediation is required at this time. However, you and future property owners must comply with the continuing obligations as explained in this letter. Please read this letter closely to ensure that you understand the continuing obligations.

This final closure decision is based on the correspondence and data provided and is issued under ch. NR 726, Wis. Adm. Code. The DATCP Closure Committee reviewed the request for closure on September 25, 2014. The Closure Committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases.

This site was previously closed with residual soil and groundwater contamination in 2012. In 2013, structural impediments were removed from the site that allowed further investigation of inaccessible contaminated soils. Subsequently, all residual soil contamination was excavated and removed from the site. Groundwater contamination was not addressed in the most recent case activities. Therefore, the GIS registry will be amended to indicate no residual soil contamination is present at the site. However, the listing of residual groundwater contamination will remain unchanged.

GIS Registry

This site will continue to be listed on the Department of Natural Resources (DNR) Remediation and Redevelopment Program's internet accessible Geographic Information System (GIS) Registry. The GIS provides notice to the public of residual contamination and of any continuing obligations. This letter and information that was submitted with your closure request application will be included on the GIS in a PDF attachment. To review the case information on the GIS web page, visit the RR Sites Map page at http://dnrmaps.wi.gov/sl/?Viewer=RR Sites

All case information is also on file in the DATCP office, located at 2811 Agriculture Drive, Madison, Wisconsin.

POST CLOSURE

Closure Conditions and Continuing Obligations

1. Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code) - Groundwater contamination greater than enforcement standards is present on this property, as shown on the **existing GIS documents associated with the 2012 closure of the site.**

   DNR approval prior to well construction or reconstruction is required for all sites shown on the GIS, in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, 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.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that nitrogen and/or pesticides or other contaminants on or from the site poses a threat to public health, safety, or welfare or to the environment.

If the case is re-opened, Agricultural Chemical Cleanup Program (ACCP) reimbursement may still be available. Determination of the ACCP eligibility of any future corrective action costs incurred at this site should be made before the corrective action is performed. It is in your best interest to keep all documentation related to the cleanup project and ACCP reimbursement applications.

DATCP 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 me at 608-224-4520.

Sincerely,

Steven L. Martin
ACCP Project Manager / Hydrogeologist

cc: Stephany Grossbier, DATCP (via e-mail)
Hollie DePuydt, Sand Creek Consultants, Inc. (via e-mail)

POST CLOSURE

State of Wisconsin
Governor Scott Walker

Department of Agriculture, Trade and Consumer Protection
Ben Brancel, Secretary

July 31, 2012

Mr. Monte Wick
Farmers Coop
570 Commerce St, P.O. Box 156
West Salem, WI 54669

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Tomah Cooperative Services - Tomah, 711 Fair Street, Tomah, WI 54660
DATCP Case No. 03-416-040901, WDNR BRRTS No. 02-42-547319

Dear Mr. Wick:

The Department of Agriculture, Trade and Consumer Protection (DATCP) considers the Tomah Cooperative cleanup case closed, with continuing obligations. No further investigation or remediation is required at this time. However, you and future property owners must comply with the 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 attached maintenance plan to anyone who purchases this property from you.

This final closure decision is based on the correspondence and data provided, and is issued under ch. NR 726, Wis. Adm. Code. The DATCP Closure Committee reviewed the request for closure on July 30, 2012. The Closure Committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases.

A cleanup case at this agricultural chemical dealership was previously closed on November 21, 2007 with residual soil contamination in multiple locations including beneath the former mixing and loading pad and secondary containment structures. The case was re-opened on September 15, 2011 as the result of plans to replace these structures and remove the contaminated soil beneath them. The contaminated soil was removed in November 2011.

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.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- If a structural impediment that obstructed a complete site investigation or cleanup is removed or modified, additional environmental work must be completed.

GIS Registry
This site will be listed on the Remediation and Redevelopment Program's internet accessible Geographic Information System (GIS) Registry, to provide notice of residual contamination and of any continuing obligations. 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. 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/org/water/dwg/3300254.pdf or at the web address listed below for the GIS Registry.

All site information is also on file in the DATCP office, located at 2811 Agriculture Drive, Madison, Wisconsin. This letter and information that was submitted with your closure request application will be included on the GIS Registry in a PDF attachment. To review the site on the GIS Registry web page, visit the RR Sites Map page at http://dnrmaps.wi.gov/imf/imf.jsp?site=brrts2.

Closure Conditions
Compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. If these requirements are not followed, the DNR or DATCP may take enforcement action under s. 292.11, Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property.

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)
Based upon historical information, groundwater contamination greater than enforcement standards is present both on this contaminated property and off this contaminated property, as shown on Figures 6 through 9 of SCS BT Squared's GIS Registry package. Affected property owners were already notified of the potential presence of groundwater contamination. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)
Soil contamination remains as indicated on Figure 3 of SCS BT Squared's GIS Registry package. If soil in the specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose a direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

Structural Impediments (s. 292.12 (2) (b), Wis. Stats.)
The remaining bulk dry fertilizer buildings, as shown on the attached maps, made complete investigation and/or remediation of the soil contamination on this property impracticable. If the structural impediments are removed, the property owner shall notify the DNR before removal and conduct an investigation of the degree and extent of fertilizer contamination below the structural impediments. If contamination is found at that time, the contamination shall be properly remediated in accordance with applicable statutes and rules.

Per Wis. Admin. Code s. ATCP 33.70(1), environmental assessment is also required whenever a mixing and loading pad, sump, or secondary containment structure used for bulk liquid fertilizer or pesticides leaks, is removed, or remains out of use for more than five years. Therefore, the soil beneath these structures will need to be evaluated if these conditions are ever met.

POST CLOSURE

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, 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.

ACCP Considerations

If the case is re-opened, Agricultural Chemical Cleanup Program (ACCP) reimbursement may still be available. Determination of the ACCP eligibility of any future corrective action costs incurred at this site should be made before the corrective action is performed. It is in your best interest to keep all documentation related to the cleanup project and ACCP reimbursement applications.

DATCP 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 me at 608-224-4515.

Sincerely,

Jason B. Lowery
Hydrogeologist

Copy: Stephany Grossbier, DATCP EES (email)
Deena Kinney, WDNR Regional Assistant (email)
Angela Wilcox-Hull, SCS BT Squared (email)

State of Wisconsin
Jim Doyle, Governor

Department of Agriculture, Trade and Consumer Protection
Rod Nilsestuen, Secretary

November 21, 2007

Mr. Arnie Erickson
Tomah Cooperative Services
711 Fair St.
Tomah, WI 54660

SUBJECT: Final Case Closure with Land Use Limitations or Conditions
Tomah Cooperative Services Inc., 711 Fair Street, Tomah, WI
WDNR BRRTS # 02-42-547319 DATCP Case # 03416040901

Dear Mr. Erickson:

Our case closure committee reviewed the above referenced case for compliance with state laws and standards, and determined that the case was ready to close after abandonment of the monitoring wells. On November 20, 2007, the Department received documentation of the well abandonments from your consultant, BT^2, indicating that you have complied with the requirements for case closure.

Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed, as of November 21, 2007, and no further investigation or remediation is required at this time.

GIS Registry

The conditions of case closure set out below in this letter require that your site be listed on the Department of Natural Resource's Remediation and Redevelopment Program's GIS Registry. The reasons for the registry listing include:

- Residual soil contamination exists that must be properly managed should it be excavated or removed
- Structural impediment obstructed complete site investigation and cleanup. If those structural impediments are removed or modified, additional environmental work must be completed
- Groundwater contamination is present above Chapter NR 140 enforcement standards

Information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit http://dnr.wi.gov/org/aw/rr/gis/index.htm.

Closure Conditions

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take additional actions. It is the Department's intent to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met.

-continued on page 2-

Residual Soil Contamination and Structural Impediments

Residual soil contamination remains beneath and near the fertilizer quonset, the mix/load pad, and the fertilizer containment structure as indicated on Figure 3 of BT^2's GIS registry package. If these structural impediments are removed, the property owner shall conduct an investigation of the degree and extent of fertilizer and pesticide contamination. If contamination is found at that time, the Wisconsin Department of Natural Resources shall be immediately notified and the contamination shall be properly remediated in accordance with applicable statutes and rules. If soil in the specific locations described above is excavated, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules.

Remaining Residual Groundwater Contamination

Groundwater impacted by pesticide and fertilizer contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present on the subject property and in the neighboring right-of-way to the north of the site. The locations of the groundwater standard exceedences are illustrated on figures 6, 7, 8, and 9 of BT^2's GIS registry package.

If you intend to construct or reconstruct a supply well at the site, you will need prior Department of Natural Resources approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be found at http://www.dnr.state.wi.us/org/water/dwg/3300254.pdf or at the web address listed above for the GIS Registry.

ACCP Considerations

If the case is re-opened, or if you have a transportation-related spill and additional work is required, Agricultural Chemical Cleanup Program (ACCP) reimbursement may still be available for the work. It is in your best interest to keep all documentation related to the cleanup project and ACCP reimbursement claims.

Thank you for your and BT^2's efforts to address the environmental concerns at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please call me at (608) 224-4516.

Sincerely,

Jeff Ackerman, P.G.
Hydrogeologist

cc: Stephen Sellwood, BT^2
Gary LeMasters, DATCP
Beth Norquist, DNR-WCR

POST CLOSURE

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Case Closure - GIS Registry

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. 02-42-547319	Parcel ID No. 286-00362-0000		
BRRTS Activity (Site) Name Tomah Coop Services Inc @ Tomah	WTM Coordinates X 478753	Y 388847	
Street Address 711Fair Street	City Tomah	State WI	ZIP Code
Responsible Party (RP) Name			
Company Name Allied Cooperative			
Street Address 351 Railroad Street	City Adams	State WI	ZIP Code 53910
Phone Number (608) 339-3698	Email		

☒ 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 4.23	Voluntary Party Liability Exemption Site? ○ Yes ◉ 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

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

   ☒ $300 Database Fee for Soil

   Total Amount of Payment $ $300.00

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.**

POST CLOSURE

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 Site is located on the southwest side of the City of Tomah, Wisconsin. The public land survey system location for the Site is part of the NW¼ of the NW ¼ of Section 9, Township 17 North, Range 1 West, City of Tomah, Monroe County, Wisconsin.

B. **Prior and current site usage**: Specifically describe the current and historic occupancy and types of use.
The property is used as an agricultural chemical retail facility. Structures on the property include an office, shop building, dry fertilizer bay buildings, fertilizer blender, and fertilizer Quonset. Directly adjacent to the east is Allied's agronomy, feed, and grain facility, which includes a grain mill and bins, an office, and storage buildings.

C. Describe how and when site contamination was discovered.
Nitrogen soil impacts were discovered when soil samples were analayzed beneath structures to be removed in June 2013.

D. Describe the type(s) and source(s) or suspected source(s) of contamination.
Fertilizer usage at the site impacted to soils.

E. Other relevant site description information (or enter Not Applicable).
Soil and groundwater investigations were performed at the Site during 2003 through 2007, with subsequent soil remediation activities implemented in 2011 following removal of the liquid aboveground storage tank system. Residual soil nitrogen remained around the perimeter of the excavation.

F. List BRRTS activity site name and number for all other BRRTS activities at this property, including closed cases.
none

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.
none

H. **Current zoning** (e.g. industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).
Limited industrial district. source: City of Tomah

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.
The geologic profile includes sand fill over sand native deposits, with an intervening layer of organic material approximately 1 foot thick present at depths of 5 to 13 feet.

ii. Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.
Sand fill is present across the site at varying thicknesses of 5 to 13 feet.

iii. Depth to bedrock, bedrock type, and whether or not it was encountered during the investigation.
Bedrock was not encountered.

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).
Currents surface in the location of the soil remediation is gravel. Once the buildings were removed and the excavation was completed the surface was covered with gravel. there is grass to the north and asphalt to the south and east.

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 was encountered in the borings at depths between 4 to 5 feet, as evidenced by an increase in moisture with depth.

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

Groundwater flow was not determined during the recent soil investigation.

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 nearest potable well is located approximately 1,200 feet to the northwest and is most likely used for the county fairgrounds. The Site and adjoining properties are served by the Tomah municipal water system.

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.

Soil and groundwater investigations were performed at the Site in 2003 through 2007, with subsequent soil remediation activities implemented in 2011 following removal of the liquid aboveground storage tank system. Residual soil nitrogen was left in place around the perimeter of the excavation, which was located between the fertilizer bay building and the office.

On June 26, 2013, Sand Creek collected soil samples from the area around the former excavation and soil sample locations and within the fertilizer bay buildings and Quonset.The confirmatory soil samples at the perimeter of the former excavation and south of the shop indicate natural attenuation has remediated the total nitrogen in soils below the clean-up goal.Total nitrogen is present in the soil below and around the fertilizer bay buildings and fertilizer Quonset at concentrations above the 100 mg/kg soil cleanup goal.
Sand Creek Consultants, Inc., Soil Investigation Results and Remedial Action Work Plan, Allied Cooperative- Tomah Fair Street Facility, September 19, 2013.

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.

No residual nitrogen remains and does not extend off-site.

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.

Soil investigation determined nitrogen in the soil beneath buildings and around area of former fertilizer mixer.

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

Nitrogen was within the upper four feet of the soil at levels were up to 442 mg/kg.

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.

A clean-up goal of 100 milligram per kilogram (mg/kg) was determined for the site. No supporting documentation is available.

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 was not investigated.

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ii. Describe the presence of free product at the site, including the thickness, depth, and locations.
not applicable

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.
not applicable

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.
not applicable

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.

During November 2013, soils were excavated from the areas of residual soil contamination documented in the 2013 investigation beneath the former dry fertilizer storage buildings and Quonset hut. An estimated 2,000 tons of soil was removed and landspread at nearby fields. Soils above the previously determined clean-up level of 100 milligrams per kilogram (mg/kg) were removed from the Site.
Sand Creek Consultants, Inc., Remedial Action Report, Allied Cooperative-Tomah Fair Street, June 2014.

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.
No residual contamination.

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 residual contamination.

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

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.
not applicable

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).
not applicable

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POST CLOSURE

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.
All soil above the nitrogen clean-up goal has been removed.

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.
not applicable

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.	☐	☐	Engineering Control/Barrier for Direct Contact	✓	✓
ii.	☐	☐	Engineering Control/Barrier for Groundwater Infiltration	✓	✓
iii.	☐	☐	Vapor Mitigation - post closure passive system	✓	✓
iv.	☐	☐	Vapor Mitigation - post closure active system	✓	✓
v.	☒	☒	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.	☐	☐	Residual soil contamination exceeds ch. NR 720 generic or site-specific RCLs	✓
ii.	☒	☒	Sites with groundwater contamination equal to or greater than the ch. NR 140, enforcement standards (ES)	✓
iii.	☐	☐	Monitoring wells: lost, transferred or remaining in use	✓
iv.	☐	☐	Structural Impediment (not as a performance standard)	✓
v.	☐	☐	Residual soil contamination remaining at ch. NR 720 Industrial Use levels	✓
vi.	☐	☐	Vapor intrusion may be future, post-closure issue if building use or land use changes	✓
vii.	☐	☐	None of the above scenarios apply to this case closure	NA

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POST CLOSURE

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

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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://dnrmaps.wi.gov/sl/?Viewer=RR Sites) 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 Contaminate 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,

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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 a 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.

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.

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POST CLOSURE

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) 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.	☐	☒	☐	Residual groundwater contamination exceeds Ch. NR 140 Wis. Administrative Code enforcement standards.
2.	☐	☐	☐	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.	☐	☐	☐	An engineered cover or a soil barrier (e.g. pavement) must be maintained over contaminated soil for direct contact or groundwater infiltration concerns.
4.	☐	☐	☐	Industrial land use soil standards were used for the clean-up standard.
5.	☐	☐	☐	A vapor mitigation system (or other specific vapor protection) must be operated and maintained.
6.	☐	☐	☐	Vapor assessment needed if use changes.
7.	☐	☐	☐	Structural impediment.
8.	☐	☐	☐	Lost, transferred or open monitoring wells.
9.	☒	☐	☒	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, _____ (number) property (ies) has/have been impacted, the owners have been notified, and copies of the letters and receipts are included in Attachment F.

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POST CLOSURE

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, PE 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	Environmental Engineer
Printed Name	Title
Hollie DePuydt (WISCONSIN HOLLIE M. DePUYDT E-42130 MINOCQUA, WI PROFESSIONAL ENGINEER)	09/03/14	42130
Signature	Date	P.E. Stamp and Number

Save...

POST CLOSURE

Hydrogeologist Certification

I _____ hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this case closure request is correct and the document was prepared by me or prepared by me or prepared under my supervision and, 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."

_____ Printed Name

_____ Title

_____ Signature

_____ Date

Save...

453666

DOCUMENT NO.

STATE BAR OF WISCONSIN FORM 1 – 1982
WARRANTY DEED

RECORDS VOL 226 PAGE 330

This Deed, made between Sorenson's Inc., a Wisconsin corporation, Grantor, and Tomah Co-operative Services, Inc., a Wisconsin corporation, Grantee,

Witnesseth, That the said Grantor, for a valuable consideration of $1.00 and other good and valuable consideration conveys to Grantee the following described real estate in Monroe County, State of Wisconsin:

REGISTER'S OFFICE
County of Monroe, Wis.
Received for record this 2 day of Jan A.D., 19 97 at 9:35 o'clock A M.
Vicky J. Butler Registers

THIS SPACE RESERVED FOR RECORDING DATA

NAME AND RETURN ADDRESS 12.00 pd Mubarak
Net-Mo Co Abstract

PARCEL IDENTIFICATION NUMBER

A parcel of land located in Outlots Two Hundred Fifty-Two (252) and Two Hundred Fifty-Four (254) of Assessor's Plat to the City of Tomah, Monroe County, Wisconsin, described as follows: Commencing at the NW corner of Section 9, T17N, R1W, the same being the Southwest corner of Southern Sites Subdivision, said City of Tomah; thence N89°03'30"E, along the South line of said Southern Sites Subdivision, a distance of 40.00 feet, to the point of beginning; thence continuing N89°03'30"E, along said South line, a distance of 488.03 feet; thence S0°59'00"W, along said South line, a distance of 50.00 feet; thence N89°38'17"W, a distance 7.25 feet; thence S1°50'22"E, a distance of 317.18 feet, to the Northerly line of Fair Street; thence Westerly along the arc of a curve concave to the Northwest,

This is not ~~XXX~~ (is not) homestead property.

Together with all and singular the hereditaments and appurtenances thereunto belonging;
And Sorenson's Inc., a Wisconsin corporation warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except

TRANSFER
$ 375.00
+FEE

municipal zoning ordinances, restrictions, easements and rights-of-way of record

and will warrant and defend the same.

Dated this 31 day of December, 19 96.

Sorenson's Inc.

(SEAL) Brede Sorenson (SEAL)
BY: Brede Sorenson – President

(SEAL) Alice Sorenson (SEAL)
BY: Alice Sorenson – Secretary

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
Robert J. Mubarak
MUBARAK & RADCLIFFE, S.C.
917 Superior Ave., Tomah, WI 54660
(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

State of Wisconsin, } ss.
Monroe County,
Personally came before me this 31 day of December, 1996, the above named Brede Sorenson, Alice Sorenson President and Secretary of Sorenson's Inc.
to me known to be the person s who executed the foregoing instrument and acknowledge the same.

Robert J. Mubarak
Notary Public, Monroe County, Wis.
My commission is permanent. (If not, state expiration date: _____, 19____.)

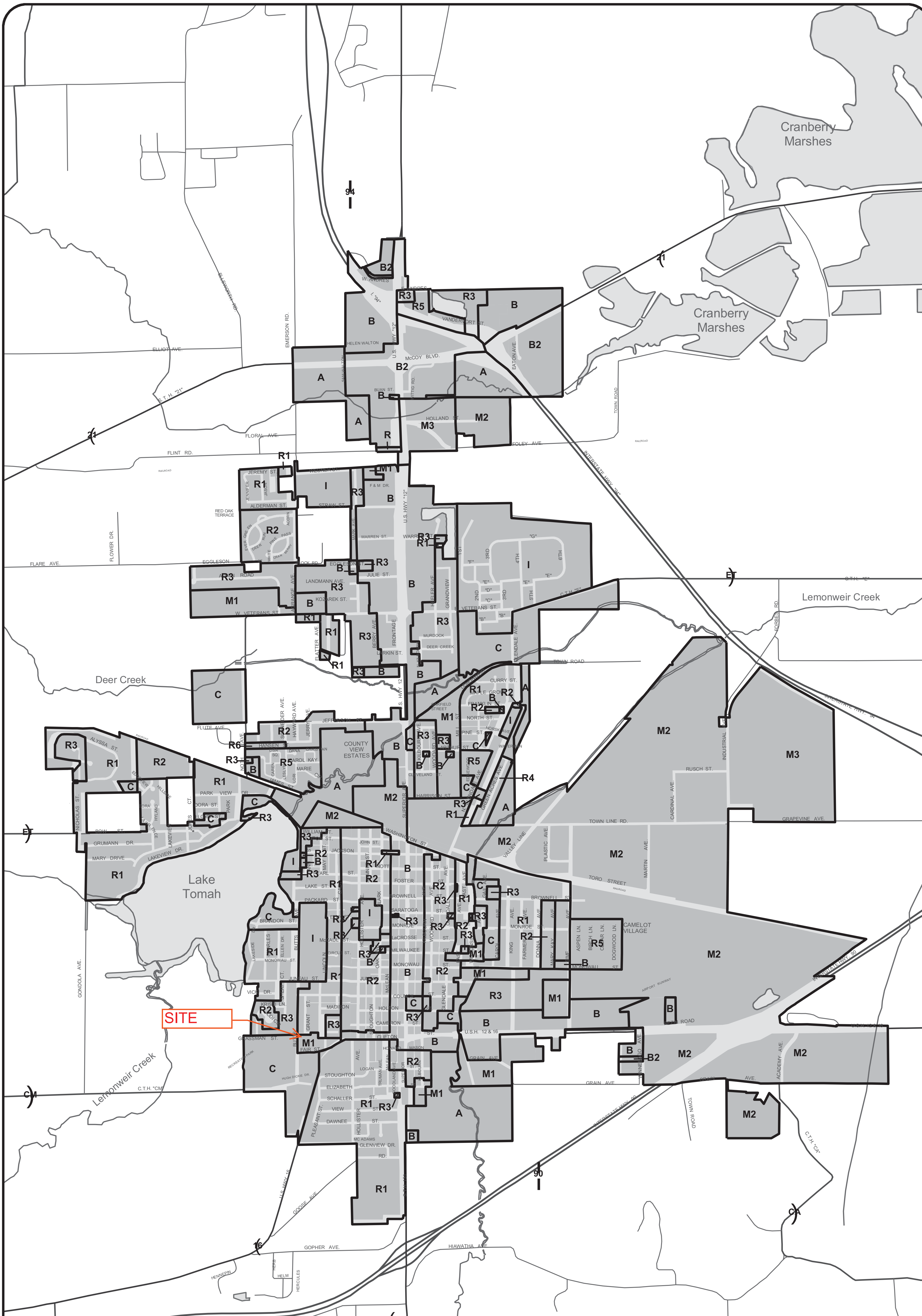
* Names of persons signing in any capacity should by typed or printed below their signatures.

INDEXED

having a radius of 527.69 feet (the long chord of which bears S83°43'35"W, 73.81 feet), a distance of 73.87 feet, along said Northerly line; thence S87°44'13"W, along said North line, a distance of 423.66 feet to the East line of Butts Avenue; thence N0°59'40"E, along said East line, a distance of 383.80 feet, to the point of beginning.

EASEMENT DESCRIPTION:

An easement for ingress and egress over and across a strip of land 16.5 feet wide, located in Outlots 252 and 254, Assessor's Plat, City of Tomah, Monroe County, Wisconsin, the centerline of which is described as follows: Commencing at the Northwest corner of Section 9, T17N, R1W, the same being the Southwest corner Southern Sites Subdivision, City of Tomah; thence N89°03'30"E, along the South line of said Southern Sites Subdivision, a distance of 528.03 feet; thence S0°59'00"W, along said South line, a distance of 50.00 feet; thence S89°38'17"E, along said South line, a distance of 126.93 feet, to the West R/W line of Lincoln Avenue; thence S1°00'42"W, along said West line, a distance of 71.00 feet, to the point of beginning of said centerline; thence S82°56'15"W, a distance of 131.09 feet, to the end of said centerline.
Intending to describe a 16.5 wide strip of land adjoining and abutting the West line of Lincoln Avenue and extending Westerly to adjoin and abut the East line of the above-described parcel.



City of Tomah

Zoning Map

February 2005

MSA PROFESSIONAL SERVICES
TRANSPORTATION • MUNICIPAL
DEVELOPMENT • ENVIRONMENTAL

Sec. 52-32. Establishment.

For the purpose of this chapter, the city is hereby divided into the following zoning districts:

R-1 Single-family residential district
R-2 One- and two-family residential district
R-3 Multifamily residential district
R-4 Manufactured home residential district
R-5 Mobile home district
R-6 Zero lot line district
B Business district
B-1 Office business district
B-2 Highway district
M-1 Limited industrial district
M-2 General industrial district
M-3 Highway industrial district
A-1 Agricultural district
C-1 Conservancy district
I Institutional district

(1) Boundaries of these districts are hereby established as shown on a map entitled "Zoning Map, City of Tomah," initial date July 1979, which accompanies and is a part of this chapter. Such boundaries shall be construed to follow corporate limits; U.S. Public Land Survey lines; lot or property lines; centerlines of streets, highways, alleys, easements and railroad rights-of-way; or such lines extended, unless otherwise noted on the zoning map.

(2) Vacation of public streets and alleys shall cause the land vacated to be automatically placed in the same district as the abutting side to which the vacated land reverts.

(3) Annexations to or consolidations with the city subsequent to the effective date of the ordinance from which this chapter is derived shall be placed in the A-1 agricultural district, unless the annexation provisions temporarily place the land in another district. Within one year the plan commission shall evaluate and recommend a permanent district classification to the city council.

(Code 1993, § 17.20)

Sec. 52-33. Zoning map.

(a) *Adopted.* A certified copy of the zoning map shall be adopted and approved with the text as a part of this chapter and shall bear upon its face the attestation of the mayor and city clerk and shall be available for review by the public in the office of the city clerk.

(b) *Map amendments.* The official zoning map of the city shall be amended by resolution adopted by the common council after a public hearing pursuant to Wis. Stats. § 62.23(6)(c).

(Code 1993, § 17.21)

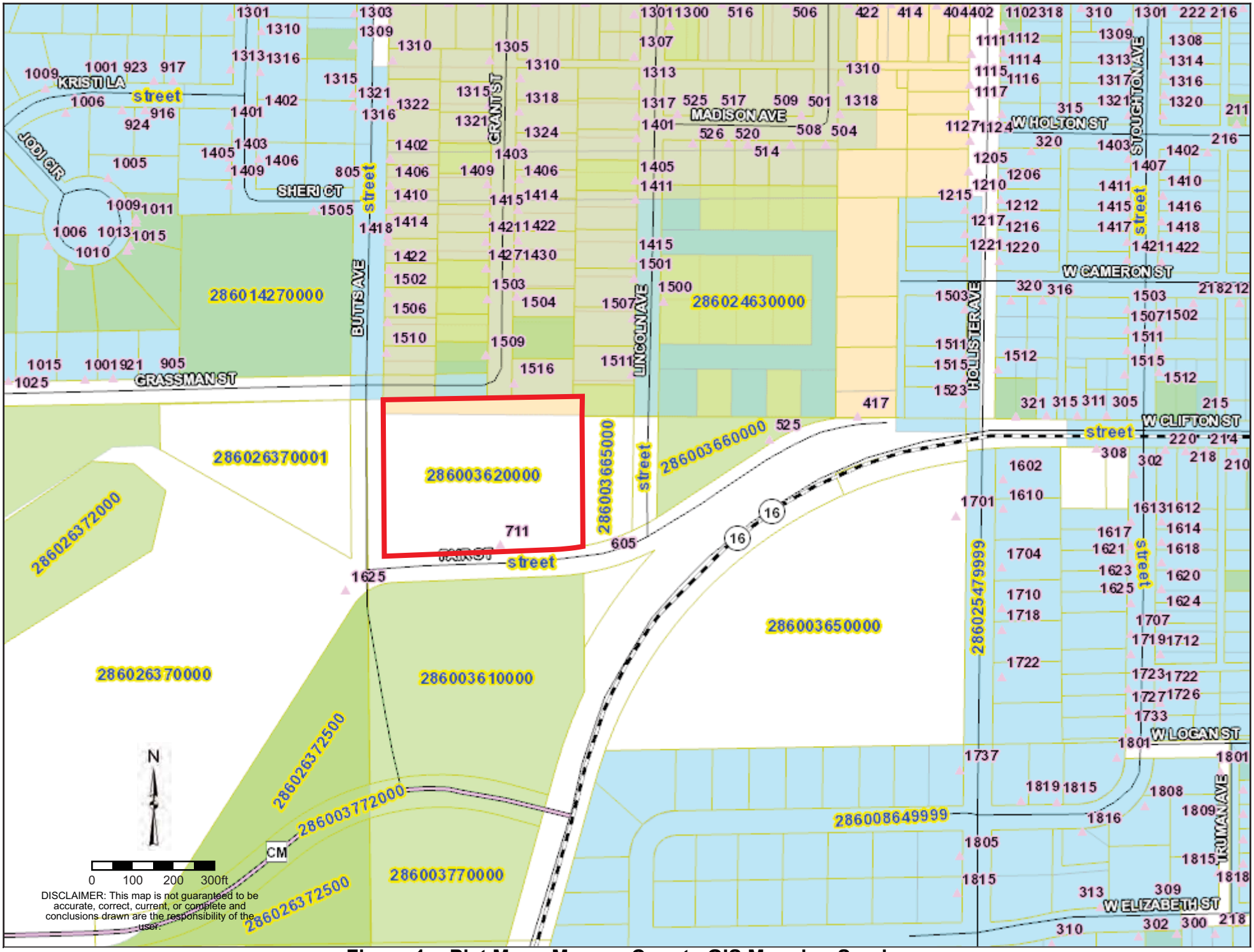


Figure 1a: Plat Map - Monroe County GIS Mapping Service

Allied Cooperative – Tomah Fair Street Facility

BRRTS No. 02-42-547319

DATCP No. 13690032901

Parcel ID No. 286-00362-0000

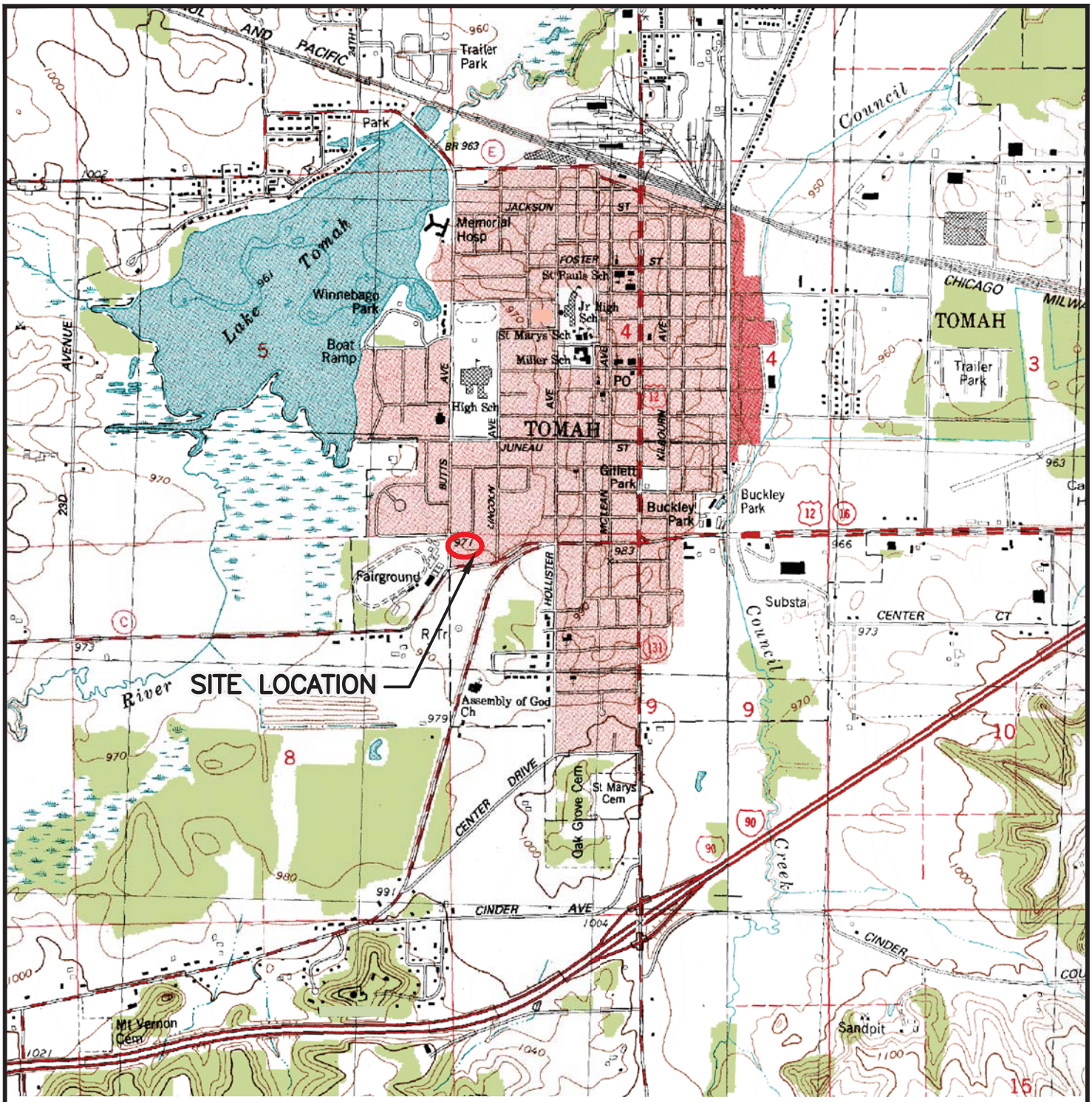
Statement of legal property description:

I, Scott Firlus COO believe the attached legal description for Parcel No. 286-00362-0000 accurately describes the correct property.

Scott Firlus COO

Mr. Scott Firlus, Allied Cooperative

Date: 7-3-14



WISCONSIN

0 1000 2000

SCALE IN FEET

REFERENCE:

USGS 7.5 MIN. TOMAH AND OAKDALE WISCONSIN TOPOGRAPHIC QUADRANGLES DATED 1983.

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GENERAL SITE LOCATION

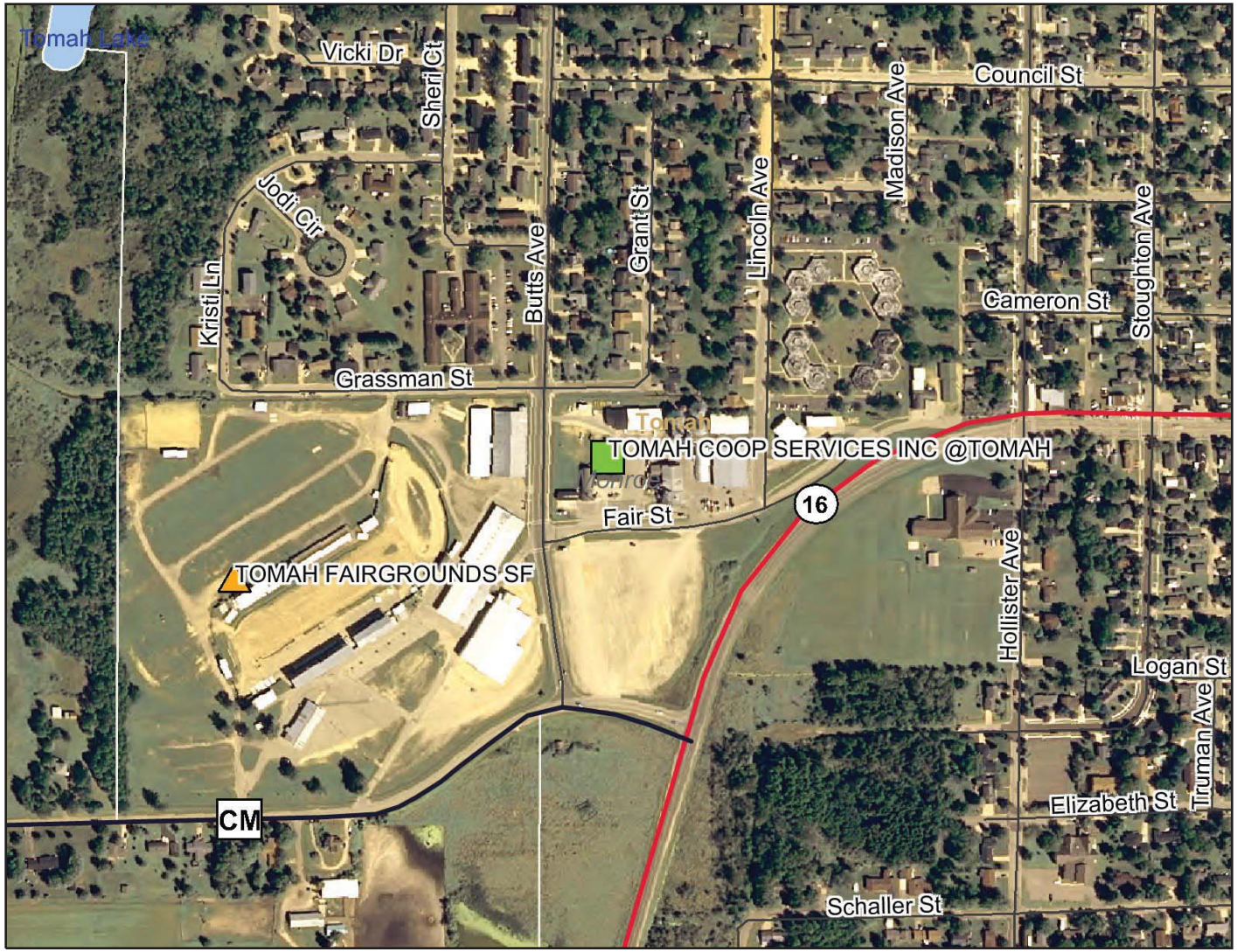
ALLIED COOPERATIVE
711 FAIR STREET
TOMAH, WISCONSIN

FIGURE 1

DRAWN BY: KAP
SEPTEMBER 2013

O:\1-PROJECTS\ALLIED COOP\TOMAH 711 FAIR STR\DRAWINGS\MASTER SCC ALLIED COOP TOMAH_FAIR.DWG () - AUG 13, 2013 - 11:57:21

Tomah 711 Fair Street--Created on Apr 03, 2013



Legend

- Contamination came from another property
- Soil contamination only
- Groundwater and Soil contamination
- Groundwater contamination only
- 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

0 600 1200 1800 ft.

Map created on Apr 3, 2013

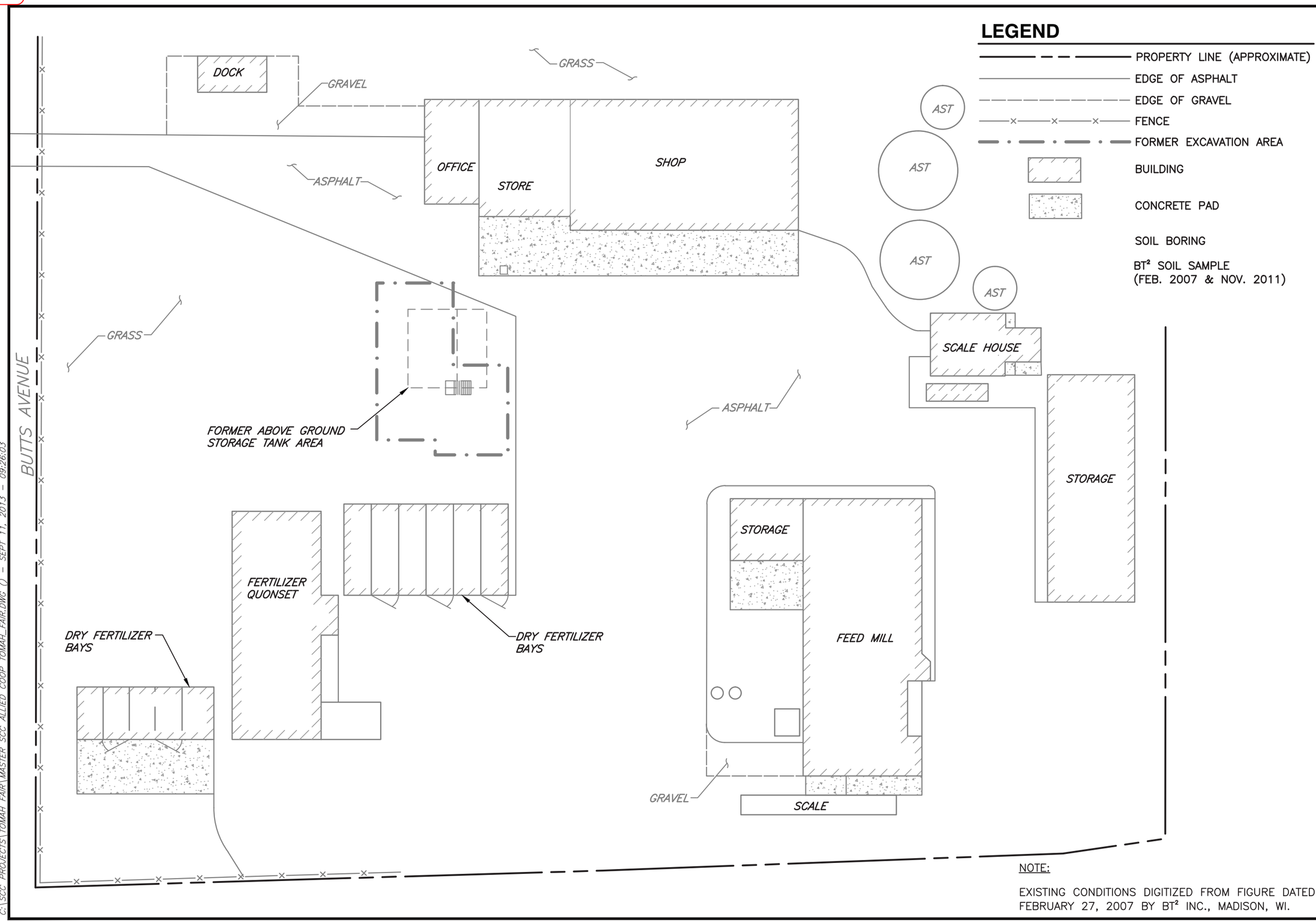
Note: Not all RR Sites have been geo-located yet.

N

Scale: 1:6,288

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.

POST CLOSURE



NOTE:

EXISTING CONDITIONS DIGITIZED FROM FIGURE DATED FEBRUARY 27, 2007 BY BT² INC., MADISON, WI.

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Rhinelander, WI
www.sand-creek.com

SITE LAYOUT

ALLIED COOPERATIVE
711 FAIR STREET
TOMAH
WISCONSIN

DATE:	SEPTEMBER 2013
SCALE:	1"=40'
DRAWN BY:	KAP
APPROVED BY:	MD

FIGURE 2

C:\SCC PROJECTS\TOMAH FAIR\MASTER SCC ALLIED COOP TOMAH_FAIR.DWG () – SEPT 11, 2013 – 09:26:03

POST CLOSURE

GRANT STREET

N

GRASS

LP DOCK

B-1

GRAVEL

MW7

ASPHALT DRIVEWAY

OFFICE

HARDWARE STORE

SHOP

STORAGE

AST

AST

AST

AST

AST

AST

AST

GRASS

STORM WATER DRAIN (APPROXIMATE LOCATION)

CONCRETE

EXTENTS OF 2011 EXCAVATION DETAIL (FIGURE 3)

GB33

GB9

GB31

GB8

MW4

GB29

GB32

GRASS

FORMER DIKED AREA

GB7

GB28

FORMER ABOVE GROUND STORAGE TANKS W/ SECONDARY CONTAINMENT

ASPHALT

GRAIN SCALE HOUSE

GB30

MW6

MW3

GP4

GB6

GRASS

GP5

SUMP

FORMER MIX/LOAD PAD

GP3

GP1

GRAIN DRYER

MW1

MW5

GP2

B-1

B-2

GB4

MW2

GRAVEL/GRASS

QUONSET

BUTTS AVENUE

GB5

GB10

BAGGED FEED STORAGE

DRY FERTILIZER BAYS

GB3

GB2

FORMER MIX/LOAD PAD

FEED MILL

GB21

GB22

GB16

GB17

GB18

FORMER FERTILIZER STOCKPILE AREA (APPROXIMATE LOCATION)

FERTILIZER QUONSET

GB1

GB19

GRASS

GB20

GB23

ASPHALT

GB11

GB27

FERTILIZER BLENDER

LIQUID FEED TANKS

ASPHALT

DRY FERTILIZER BAYS

COB BIN

GB12

GB24

GB25

GB26

GRAVEL

CONCRETE

SCALE

GB13

GB14

GB15

ASPHALT

MW8

ASPHALT

GRASS

FAIR STREET

LEGEND

APPROXIMATE PROPERTY LINE

FENCE

LIMITS OF EXCAVATION (5 TO 6.5 FEET DEEP)

MONITORING WELL

SOIL BORING (8/6/03)

B-1 SOIL BORING (1/12/04) OR BACKGROUND SAMPLE (1/96)

SOIL PROBE (AOC) MSA – 1/96

GEOPROBE BORING (02/01/07)

NOTES:

1. SITE PLAN PREPARED BY AYRES AND ASSCIATES, JUNE 2006.

50 0 50

SCALE: 1" = 50'

PROJECT NO.	3263	DRAWN BY:	KP/SAS	ENGINEER	SCS BT SQUARED 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT	TOMAH COOPERATIVE SERVICES 711 FAIR STREET TOMAH, WISCONSIN	SITE	TOMAH COOPERATIVE SERVICES 711 FAIR STREET TOMAH, WISCONSIN	SITE PLAN	FIGURE 2
DRAWN:	11/30/06	CHECKED BY:	TM								
REVISED:	02/06/12	APPROVED BY:	AWH 03/23/12								

I:\3263\Drawings-General\site.dwg, 3/26/2012 10:08:13 AM

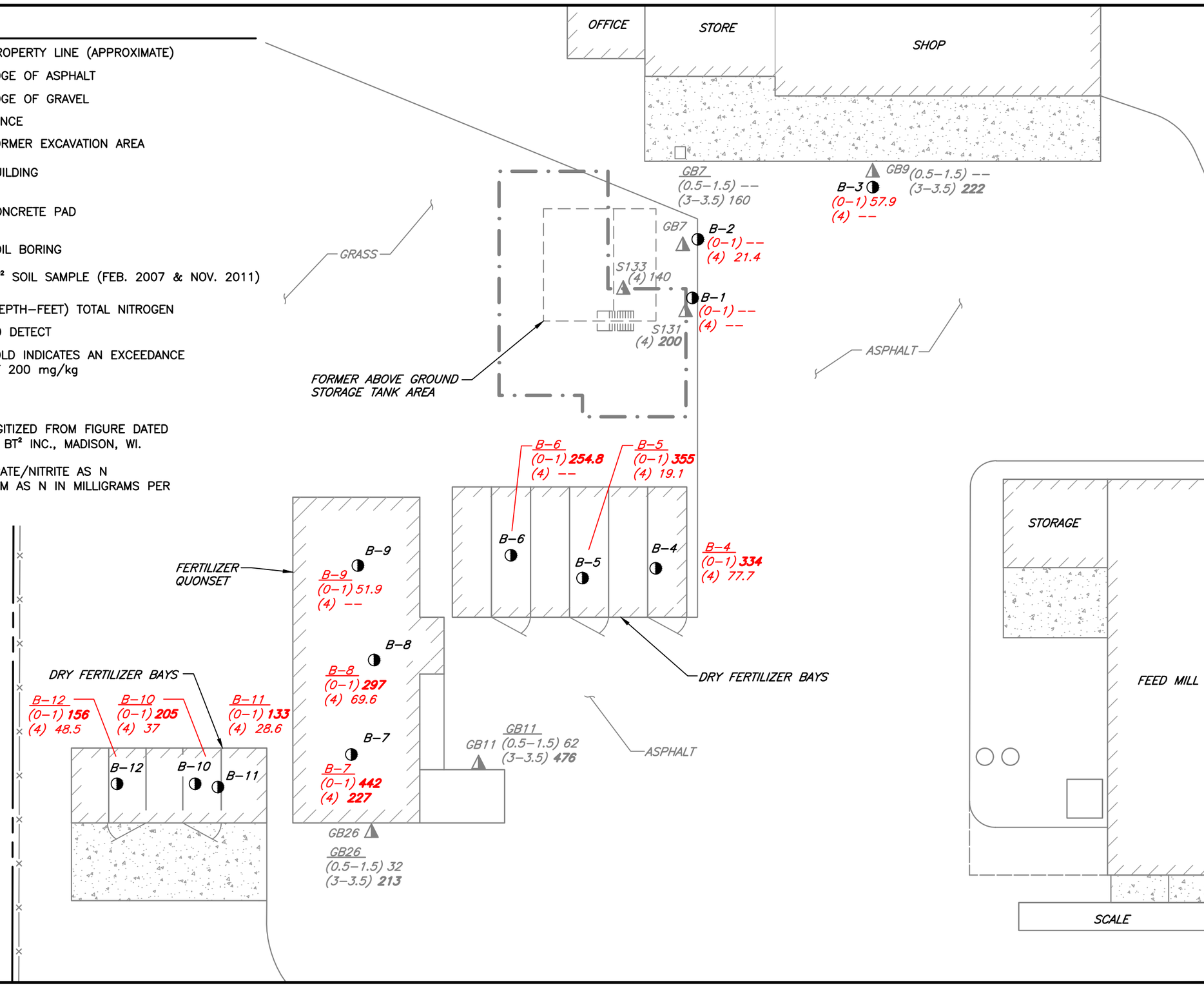
POST CLOSURE

LEGEND

- PROPERTY LINE (APPROXIMATE)
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- FENCE
- FORMER EXCAVATION AREA
- BUILDING
- CONCRETE PAD
- SOIL BORING
- BT² SOIL SAMPLE (FEB. 2007 & NOV. 2011)
- (3–3.5) 160 (0–1) 51.9 — (DEPTH–FEET) TOTAL NITROGEN
- -- -- — NO DETECT
- 213 334 — BOLD INDICATES AN EXCEEDANCE OF 200 mg/kg

NOTES:

1. EXISTING CONDITIONS DIGITIZED FROM FIGURE DATED FEBRUARY 27, 2007 BY BT² INC., MADISON, WI.
2. TOTAL NITROGEN IS NITRATE/NITRITE AS N PLUS AMMONIA/AMMONIUM AS N IN MILLIGRAMS PER KILOGRAM (mg/kg)



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N

SOIL SAMPLE RESULTS

0 15 30
SCALE IN FEET

ALLIED COOPERATIVE
711 FAIR STREET
TOMAH
WISCONSIN

DATE:	SEPTEMBER 2013
SCALE:	1"=30'
DRAWN BY:	KAP
APPROVED BY:	MD

FIGURE 3

C:\SCC PROJECTS\TOMAH FAIR\MASTER SCC ALLIED COOP TOMAH_FAIR.DWG () – SEPT 11, 2013 – 09:32:20

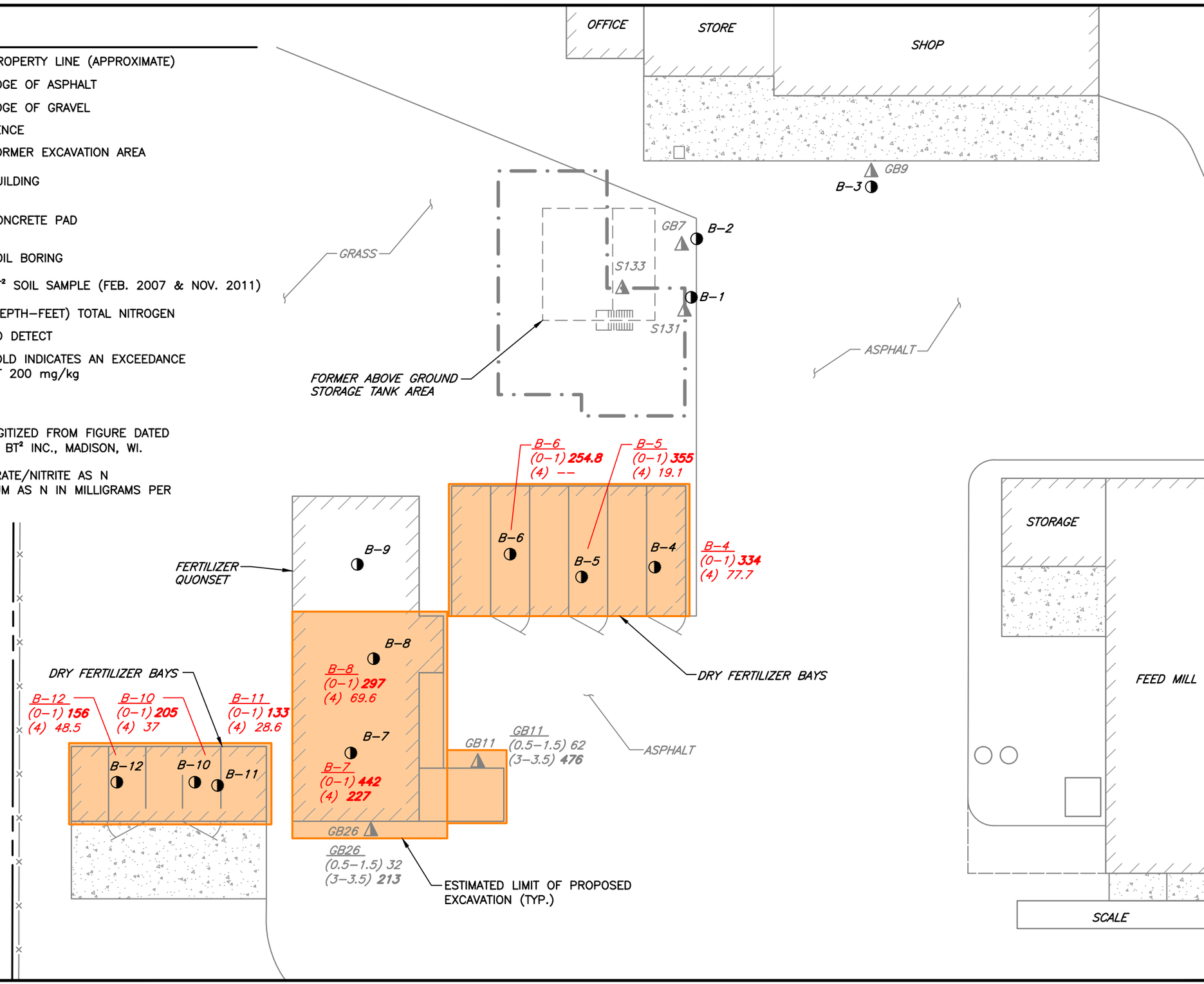
POST CLOSURE

LEGEND

- PROPERTY LINE (APPROXIMATE)
- EDGE OF ASPHALT
- EDGE OF GRAVEL
- FENCE
- FORMER EXCAVATION AREA
- BUILDING
- CONCRETE PAD
- SOIL BORING
- BT² SOIL SAMPLE (FEB. 2007 & NOV. 2011)
- (4) 48.5 — (DEPTH–FEET) TOTAL NITROGEN
- -- — NO DETECT
- **334** — BOLD INDICATES AN EXCEEDANCE OF 200 mg/kg

NOTES:

1. EXISTING CONDITIONS DIGITIZED FROM FIGURE DATED FEBRUARY 27, 2007 BY BT² INC., MADISON, WI.
2. TOTAL NITROGEN IS NITRATE/NITRITE AS N PLUS AMMONIA/AMMONIUM AS N IN MILLIGRAMS PER KILOGRAM (mg/kg)



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PROPOSED EXCAVATION AREAS

0 15 30
SCALE IN FEET

ALLIED COOPERATIVE
711 FAIR STREET
TOMAH
WISCONSIN

DATE:	SEPTEMBER 2013
SCALE:	1"=30'
DRAWN BY:	KAP
APPROVED BY:	MD

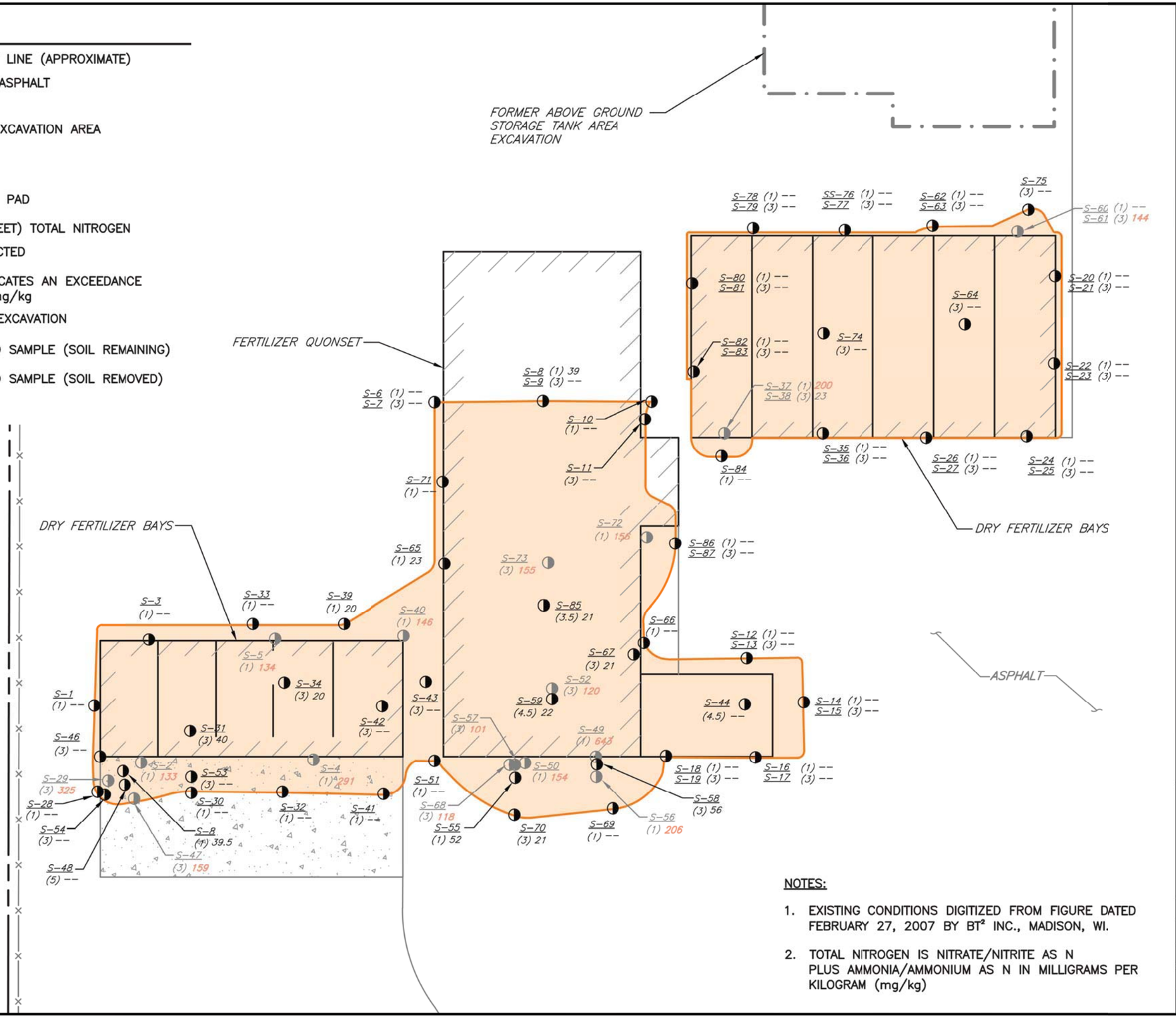
FIGURE 4

C:\SCC PROJECTS\TOMAH FAIR\MASTER SCC ALLIED COOP TOMAH_FAIR.DWG () – SEPT 11, 2013 – 09:10:56

POST CLOSURE

LEGEND

- PROPERTY LINE (APPROXIMATE)
- EDGE OF ASPHALT
- FENCE
- FORMER EXCAVATION AREA
- BUILDING
- CONCRETE PAD
- (1) 52 — (DEPTH–FEET) TOTAL NITROGEN
- -- — NOT DETECTED
- 325 — BOLD INDICATES AN EXCEEDANCE OF 100 mg/kg
- LIMIT OF EXCAVATION
- EXCAVATED SAMPLE (SOIL REMAINING)
- S–2 (1) 133 — EXCAVATED SAMPLE (SOIL REMOVED)



NOTES:

1. EXISTING CONDITIONS DIGITIZED FROM FIGURE DATED FEBRUARY 27, 2007 BY BT² INC., MADISON, WI.
2. TOTAL NITROGEN IS NITRATE/NITRITE AS N PLUS AMMONIA/AMMONIUM AS N IN MILLIGRAMS PER KILOGRAM (mg/kg)

SAND CREEK CONSULTANTS, INC.
Amherst, WI
Rhinelander, WI
www.sand-creek.com

N

0 10 20
SCALE IN FEET

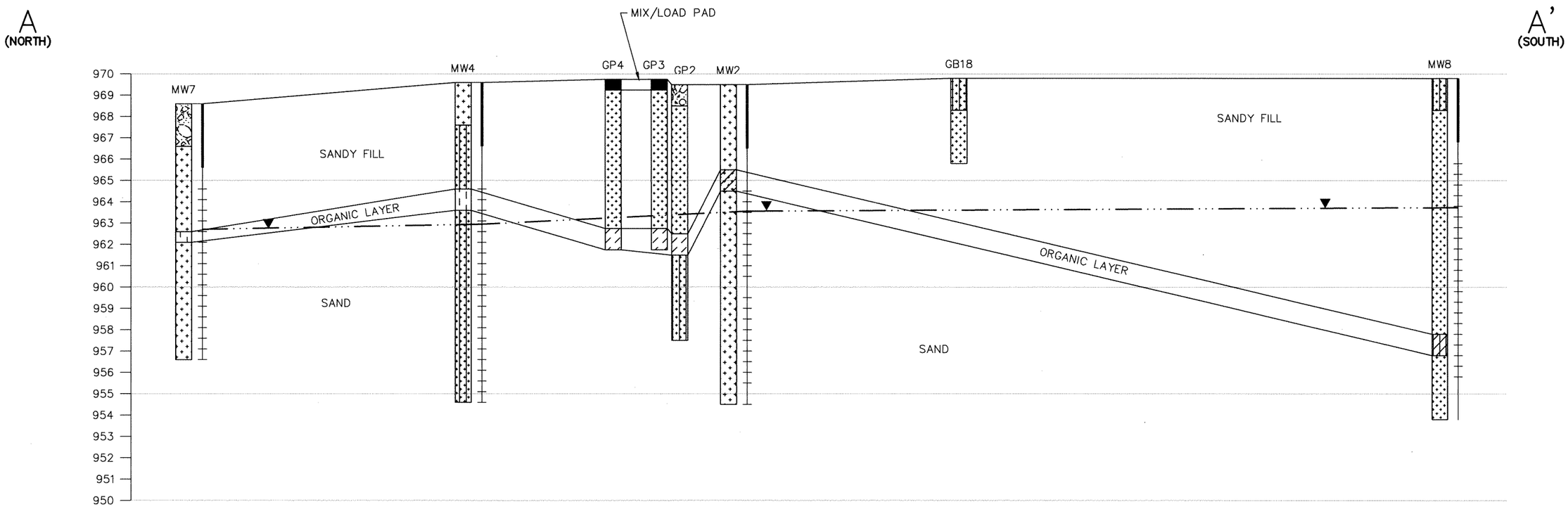
SOIL SAMPLE AND EXCAVATION AREA

ALLIED COOPERATIVE
711 FAIR STREET
TOMAH
WISCONSIN

DATE:	JUNE 2014
SCALE:	1"=20'
DRAWN BY:	KAP
APPROVED BY:	

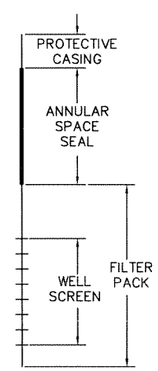
FIGURE 5

O:\1-PROJECTS\ALLIED COOP\TOMAH 711 FAIR STR\DRAWINGS\MASTER SCC ALLIED COOP TOMAH_FAIR.DWG () - APR 08, 2014 - 15:00:11



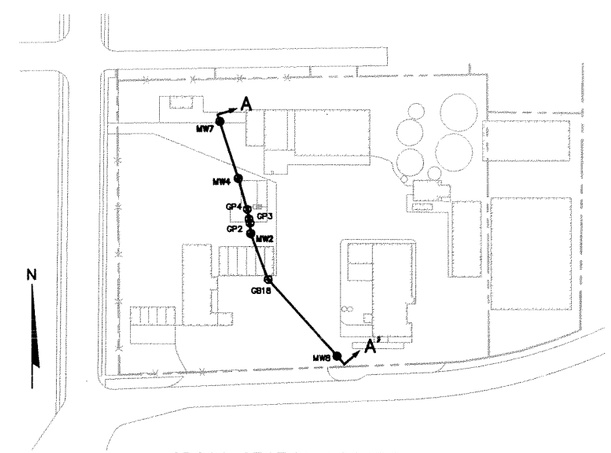
LEGEND

- SAND, WELL GRADED, LITTLE OR NO FINES (SW)
- SAND, POORLY GRADED, LITTLE OR NO FINES (SP)
- ORGANIC SILT OR CLAY, LOW PLASTICITY (OL)
- ORGANIC SILT OR CLAY WITH HIGH PLASTICITY (OH)
- GRAVEL, WELL GRADED, LITTLE OR NO FINES (GW)
- SILTY SAND (SM)
- CLAYEY SAND (SC)
- SILTY CLAY (CL–ML)
- WATER TABLE ELEVATION MEASURED ON 02/14/07



WELL DETAIL

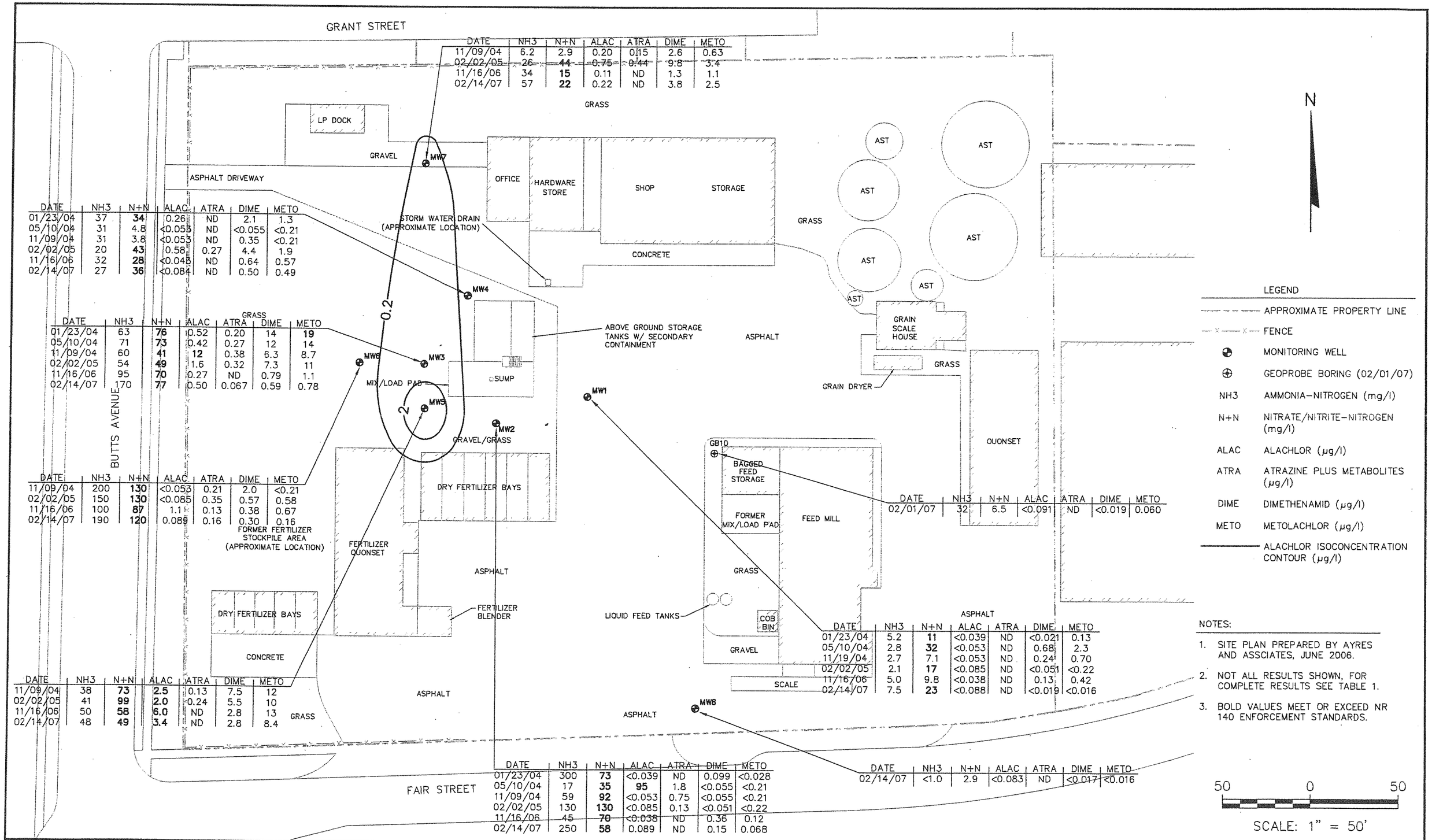
HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 5'
VERTICAL EXAGGERATION = 6X



CROSS SECTION LOCATION
SCALE: 1" = 200'

PROJECT NO.	3263	DRAWN BY:	KP	ENGINEER	BT² inc.	2830 DAIRY DRIVE MADISON, WI 53718–6751 PHONE: (608) 224–2830 FAX: (608) 224–2839	CLIENT: TOMAH COOPERATIVE SERVICES 711 FAIR STREET TOMAH, WISCONSIN	SITE: TOMAH COOPERATIVE SERVICES 711 FAIR STREET TOMAH, WISCONSIN	GEOLOGIC CROSS SECTION A–A'	FIGURE 4
DRAWN:	04/16/07	CHECKED BY:	SMS							
REVISED:	06/15/07	APPROVED BY:	SMS							

I:\3263\Drawings-General\SECTIONS.dwg, A-A, 6/15/2007 1:40:39 PM



DATE	NH3	N+N	ALAC	ATRA	DIME	METO
11/09/04	6.2	2.9	0.20	0.15	2.6	0.63
02/02/05	26	44	0.75	0.44	9.8	3.4
11/16/06	34	**15**	0.11	ND	1.3	1.1
02/14/07	57	**22**	0.22	ND	3.8	2.5

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
01/23/04	37	**34**	0.26	ND	2.1	1.3
05/10/04	31	4.8	<0.053	ND	<0.055	<0.21
11/09/04	31	3.8	<0.053	ND	0.35	<0.21
02/02/05	20	**43**	0.58	0.27	4.4	1.9
11/16/06	32	**28**	<0.043	ND	0.64	0.57
02/14/07	27	**36**	<0.084	ND	0.50	0.49

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
01/23/04	63	**76**	0.52	0.20	14	**19**
05/10/04	71	**73**	0.42	0.27	12	14
11/09/04	60	**41**	**12**	0.38	6.3	8.7
02/02/05	54	**49**	1.6	0.32	7.3	11
11/16/06	95	**70**	0.27	ND	0.79	1.1
02/14/07	170	**77**	0.50	0.067	0.59	0.78

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
11/09/04	200	**130**	<0.053	0.21	2.0	<0.21
02/02/05	150	**130**	<0.085	0.35	0.57	0.58
11/16/06	100	**87**	1.1	0.13	0.38	0.67
02/14/07	190	**120**	0.089	0.16	0.30	0.16

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
11/09/04	38	**73**	**2.5**	0.13	7.5	12
02/02/05	41	**99**	**2.0**	0.24	5.5	10
11/16/06	50	**58**	**6.0**	ND	2.8	13
02/14/07	48	**49**	**3.4**	ND	2.8	8.4

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
02/01/07	32	6.5	<0.091	ND	<0.019	0.060

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
01/23/04	5.2	**11**	<0.039	ND	<0.021	0.13
05/10/04	2.8	**32**	<0.053	ND	0.68	2.3
11/19/04	2.7	7.1	<0.053	ND	0.24	0.70
02/02/05	2.1	**17**	<0.085	ND	<0.051	<0.22
11/16/06	5.0	9.8	<0.038	ND	0.13	0.42
02/14/07	7.5	**23**	<0.088	ND	<0.019	<0.016

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
01/23/04	300	**73**	<0.039	ND	0.099	<0.028
05/10/04	17	**35**	**95**	1.8	<0.055	<0.21
11/09/04	59	**92**	<0.053	0.75	<0.055	<0.21
02/02/05	130	**130**	<0.085	0.13	<0.051	<0.22
11/16/06	45	**70**	<0.038	ND	0.36	0.12
02/14/07	250	**58**	0.089	ND	0.15	0.068

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
02/14/07	<1.0	2.9	<0.083	ND	<0.017	<0.016

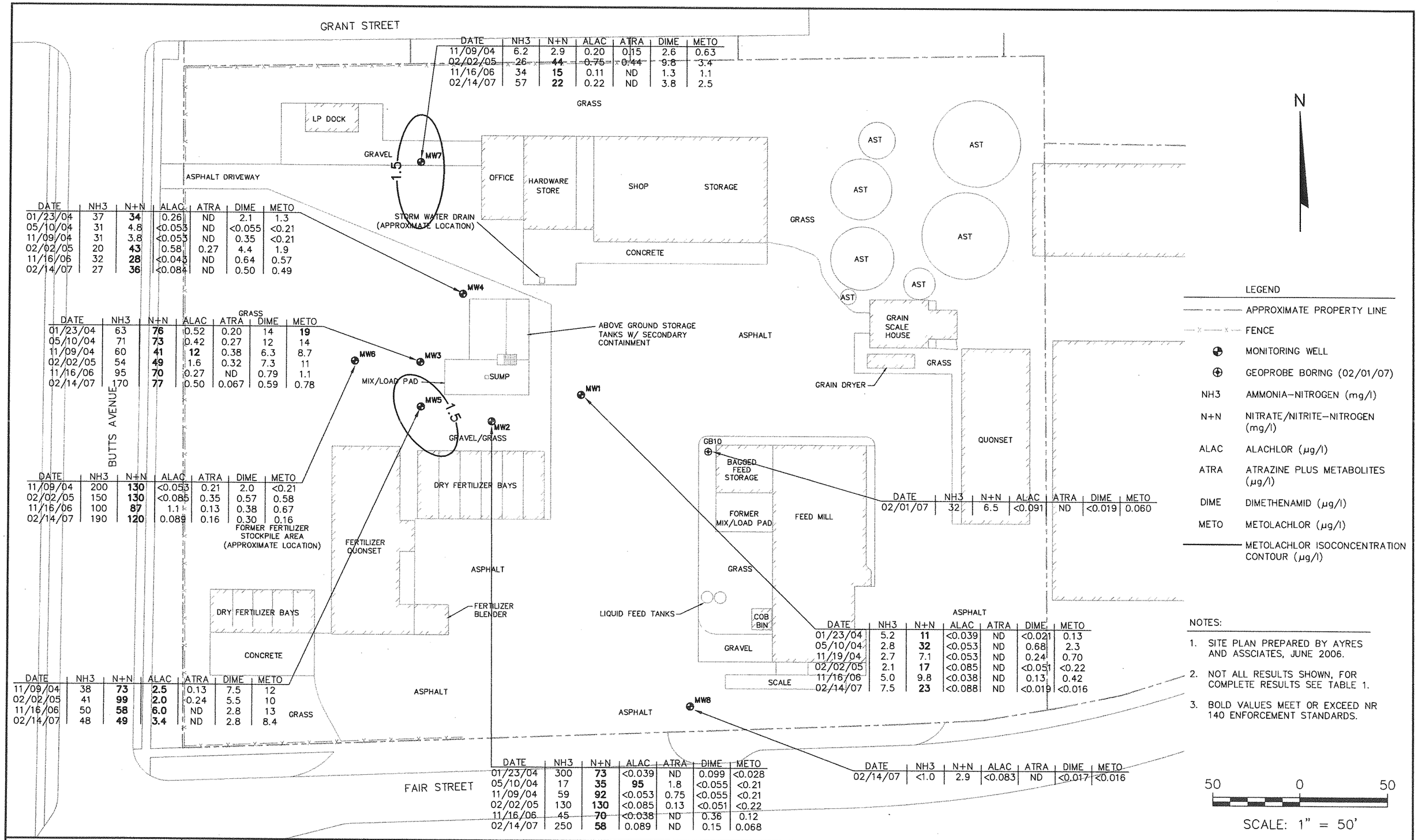
PROJECT NO. 3263	DRAWN BY: KP	ENGINEER: BT² inc. 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT: TOMAH COOPERATIVE SERVICES 711 FAIR STREET TOMAH, WISCONSIN
DRAWN: 03/02/07	CHECKED BY: TC		
REVISED: 06/15/07	APPROVED BY: SMS		

SITE: TOMAH COOPERATIVE SERVICES 711 FAIR STREET TOMAH, WISCONSIN

ALACHLOR ISOCONCENTRATION MAP

FIGURE 6

I:\3263\Drawings-General\W-RSLT.dwg, ALACHLOR, 6/15/2007 2:18:00 PM



DATE	NH3	N+N	ALAC	ATRA	DIME	METO
11/09/04	6.2	2.9	0.20	0.15	2.6	0.63
02/02/05	26	44	0.75	0.44	9.8	3.4
11/16/06	34	**15**	0.11	ND	1.3	1.1
02/14/07	57	**22**	0.22	ND	3.8	2.5

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
01/23/04	37	**34**	0.26	ND	2.1	1.3
05/10/04	31	4.8	<0.053	ND	<0.055	<0.21
11/09/04	31	3.8	<0.053	ND	0.35	<0.21
02/02/05	20	**43**	0.58	0.27	4.4	1.9
11/16/06	32	**28**	<0.043	ND	0.64	0.57
02/14/07	27	**36**	<0.084	ND	0.50	0.49

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
01/23/04	63	**76**	0.52	0.20	14	**19**
05/10/04	71	**73**	0.42	0.27	12	14
11/09/04	60	**41**	**12**	0.38	6.3	8.7
02/02/05	54	**49**	1.6	0.32	7.3	11
11/16/06	95	**70**	0.27	ND	0.79	1.1
02/14/07	170	**77**	0.50	0.067	0.59	0.78

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
11/09/04	200	**130**	<0.053	0.21	2.0	<0.21
02/02/05	150	**130**	<0.085	0.35	0.57	0.58
11/16/06	100	**87**	1.1	0.13	0.38	0.67
02/14/07	190	**120**	0.089	0.16	0.30	0.16

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
02/01/07	32	6.5	<0.091	ND	<0.019	0.060

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
01/23/04	5.2	**11**	<0.039	ND	<0.021	0.13
05/10/04	2.8	**32**	<0.053	ND	0.68	2.3
11/19/04	2.7	7.1	<0.053	ND	0.24	0.70
02/02/05	2.1	**17**	<0.085	ND	<0.051	<0.22
11/16/06	5.0	9.8	<0.038	ND	0.13	0.42
02/14/07	7.5	**23**	<0.088	ND	<0.019	<0.016

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
11/09/04	38	**73**	**2.5**	0.13	7.5	12
02/02/05	41	**99**	**2.0**	0.24	5.5	10
11/16/06	50	**58**	**6.0**	ND	2.8	13
02/14/07	48	**49**	**3.4**	ND	2.8	8.4

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
01/23/04	300	**73**	<0.039	ND	0.099	<0.028
05/10/04	17	**35**	**95**	1.8	<0.055	<0.21
11/09/04	59	**92**	<0.053	0.75	<0.055	<0.21
02/02/05	130	**130**	<0.085	0.13	<0.051	<0.22
11/16/06	45	**70**	<0.038	ND	0.36	0.12
02/14/07	250	**58**	0.089	ND	0.15	0.068

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
02/14/07	<1.0	2.9	<0.083	ND	<0.017	<0.016

NOTES:

1. SITE PLAN PREPARED BY AYRES AND ASSCIATES, JUNE 2006.
2. NOT ALL RESULTS SHOWN, FOR COMPLETE RESULTS SEE TABLE 1.
3. BOLD VALUES MEET OR EXCEED NR 140 ENFORCEMENT STANDARDS.

PROJECT NO.	3263	DRAWN BY:	KP
DRAWN:	03/02/07	CHECKED BY:	TC
REVISED:	06/15/07	APPROVED BY:	SMS

ENGINEER: BT² inc.
2830 DAIRY DRIVE
MADISON, WI 53718-6751
PHONE: (608) 224-2830
FAX: (608) 224-2839

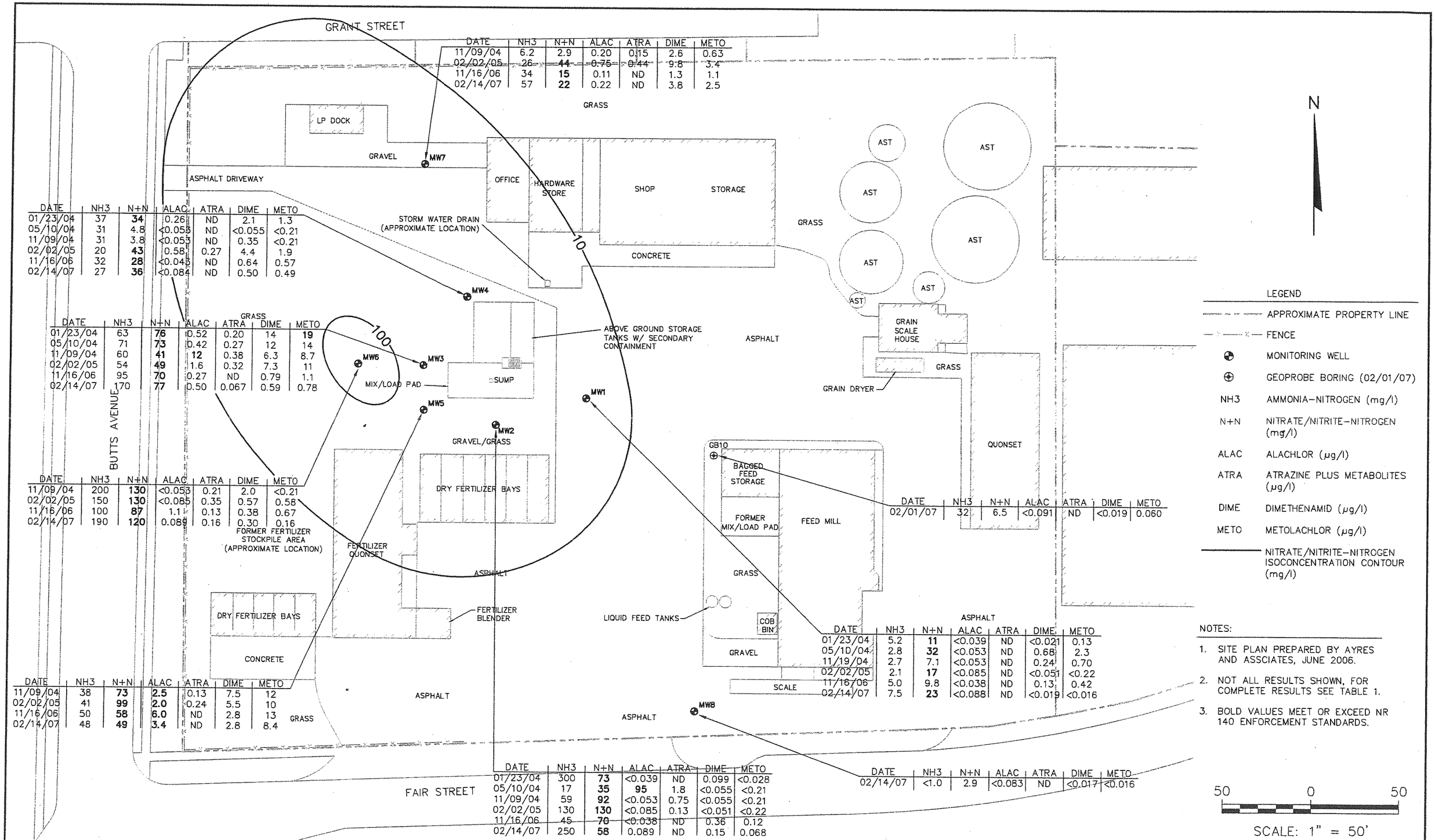
CLIENT: TOMAH COOPERATIVE SERVICES
711 FAIR STREET
TOMAH, WISCONSIN

SITE: TOMAH COOPERATIVE SERVICES
711 FAIR STREET
TOMAH, WISCONSIN

METOLACHLOR ISOCONCENTRATION MAP

FIGURE 7

I:\3263\Drawings-General\W-RSLT.dwg, METOLACHLOR, 6/15/2007 2:19:05 PM



DATE	NH3	N+N	ALAC	ATRA	DIME	METO
11/09/04	6.2	2.9	0.20	0.15	2.6	0.63
02/02/05	26	**44**	0.75	0.44	9.8	3.4
11/16/06	34	**15**	0.11	ND	1.3	1.1
02/14/07	57	**22**	0.22	ND	3.8	2.5

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
01/23/04	37	**34**	0.26	ND	2.1	1.3
05/10/04	31	4.8	<0.053	ND	<0.055	<0.21
11/09/04	31	3.8	<0.053	ND	0.35	<0.21
02/02/05	20	**43**	0.58	0.27	4.4	1.9
11/16/06	32	**28**	<0.043	ND	0.64	0.57
02/14/07	27	**36**	<0.084	ND	0.50	0.49

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
01/23/04	63	**76**	0.52	0.20	14	**19**
05/10/04	71	**73**	0.42	0.27	12	14
11/09/04	60	**41**	**12**	0.38	6.3	8.7
02/02/05	54	**49**	1.6	0.32	7.3	11
11/16/06	95	**70**	0.27	ND	0.79	1.1
02/14/07	170	**77**	0.50	0.067	0.59	0.78

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
11/09/04	200	**130**	<0.053	0.21	2.0	<0.21
02/02/05	150	**130**	<0.085	0.35	0.57	0.58
11/16/06	100	**87**	1.1	0.13	0.38	0.67
02/14/07	190	**120**	0.089	0.16	0.30	0.16

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
11/09/04	38	**73**	**2.5**	0.13	7.5	12
02/02/05	41	**99**	**2.0**	0.24	5.5	10
11/16/06	50	**58**	**6.0**	ND	2.8	13
02/14/07	48	**49**	**3.4**	ND	2.8	8.4

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
02/01/07	32	6.5	<0.091	ND	<0.019	0.060

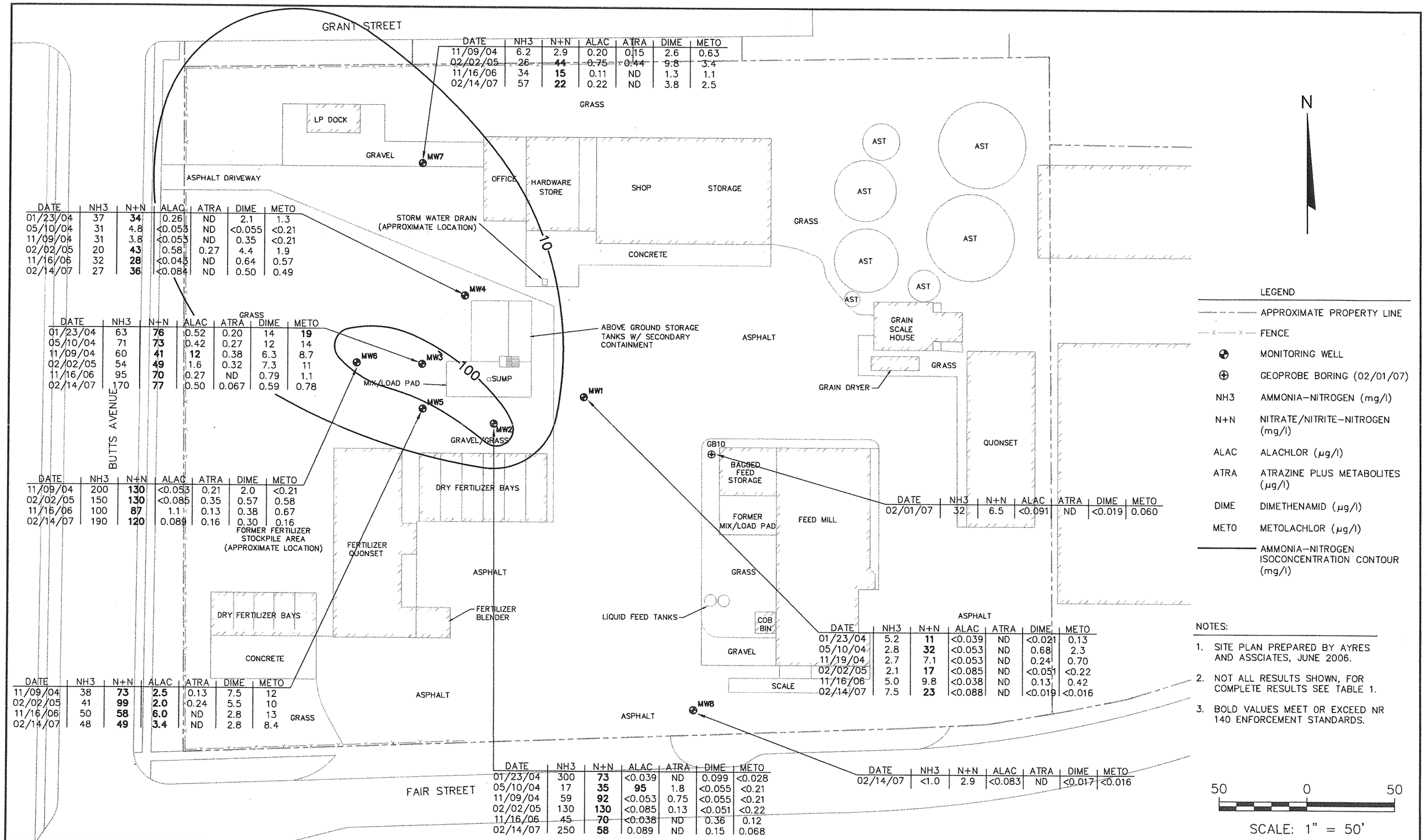
DATE	NH3	N+N	ALAC	ATRA	DIME	METO
01/23/04	5.2	**11**	<0.039	ND	<0.021	0.13
05/10/04	2.8	**32**	<0.053	ND	0.68	2.3
11/19/04	2.7	7.1	<0.053	ND	0.24	0.70
02/02/05	2.1	**17**	<0.085	ND	<0.051	<0.22
11/16/06	5.0	9.8	<0.038	ND	0.13	0.42
02/14/07	7.5	**23**	<0.088	ND	<0.019	<0.016

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
01/23/04	300	**73**	<0.039	ND	0.099	<0.028
05/10/04	17	**35**	**95**	1.8	<0.055	<0.21
11/09/04	59	**92**	<0.053	0.75	<0.055	<0.21
02/02/05	130	**130**	<0.085	0.13	<0.051	<0.22
11/16/06	45	**70**	<0.038	ND	0.36	0.12
02/14/07	250	**58**	0.089	ND	0.15	0.068

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
02/14/07	<1.0	2.9	<0.083	ND	<0.017	<0.016

PROJECT NO. 3263	DRAWN BY: KP	ENGINEER: BT² inc. 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT: TOMAH COOPERATIVE SERVICES 711 FAIR STREET TOMAH, WISCONSIN
DRAWN: 03/02/07	CHECKED BY: TC		SITE: TOMAH COOPERATIVE SERVICES 711 FAIR STREET TOMAH, WISCONSIN
REVISED: 06/15/07	APPROVED BY: SMS		NITRATE/NITRITE-N ISOCONCENTRATION MAP — FIGURE 8

I:\3263\Drawings-General\W-RSLT.dwg, NITRATE+NITRITE, 6/15/2007 2:19:10 PM



DATE	NH3	N+N	ALAC	ATRA	DIME	METO
11/09/04	6.2	2.9	0.20	0.15	2.6	0.63
02/02/05	26	44	0.75	0.44	9.8	3.4
11/16/06	34	**15**	0.11	ND	1.3	1.1
02/14/07	57	**22**	0.22	ND	3.8	2.5

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
01/23/04	37	**34**	0.26	ND	2.1	1.3
05/10/04	31	4.8	<0.053	ND	<0.055	<0.21
11/09/04	31	3.8	<0.053	ND	0.35	<0.21
02/02/05	20	**43**	0.58	0.27	4.4	1.9
11/16/06	32	**28**	<0.043	ND	0.64	0.57
02/14/07	27	**36**	<0.084	ND	0.50	0.49

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
01/23/04	63	**76**	0.52	0.20	14	**19**
05/10/04	71	**73**	0.42	0.27	12	14
11/09/04	60	**41**	12	0.38	6.3	8.7
02/02/05	54	**49**	1.6	0.32	7.3	11
11/16/06	95	**70**	0.27	ND	0.79	1.1
02/14/07	170	**77**	0.50	0.067	0.59	0.78

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
11/09/04	200	**130**	<0.053	0.21	2.0	<0.21
02/02/05	150	**130**	<0.085	0.35	0.57	0.58
11/16/06	100	**87**	1.1	0.13	0.38	0.67
02/14/07	190	**120**	0.089	0.16	0.30	0.16

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
11/09/04	38	**73**	**2.5**	0.13	7.5	12
02/02/05	41	**99**	**2.0**	0.24	5.5	10
11/16/06	50	**58**	**6.0**	ND	2.8	13
02/14/07	48	**49**	**3.4**	ND	2.8	8.4

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
02/01/07	32	6.5	<0.091	ND	<0.019	0.060

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
01/23/04	5.2	**11**	<0.039	ND	<0.021	0.13
05/10/04	2.8	**32**	<0.053	ND	0.68	2.3
11/19/04	2.7	7.1	<0.053	ND	0.24	0.70
02/02/05	2.1	**17**	<0.085	ND	<0.051	<0.22
11/16/06	5.0	9.8	<0.038	ND	0.13	0.42
02/14/07	7.5	**23**	<0.088	ND	<0.019	<0.016

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
01/23/04	300	**73**	<0.039	ND	0.099	<0.028
05/10/04	17	**35**	**95**	1.8	<0.055	<0.21
11/09/04	59	**92**	<0.053	0.75	<0.055	<0.21
02/02/05	130	**130**	<0.085	0.13	<0.051	<0.22
11/16/06	45	**70**	<0.038	ND	0.36	0.12
02/14/07	250	**58**	0.089	ND	0.15	0.068

DATE	NH3	N+N	ALAC	ATRA	DIME	METO
02/14/07	<1.0	2.9	<0.083	ND	<0.017	<0.016

NOTES:

1. SITE PLAN PREPARED BY AYRES AND ASSCIATES, JUNE 2006.
2. NOT ALL RESULTS SHOWN, FOR COMPLETE RESULTS SEE TABLE 1.
3. BOLD VALUES MEET OR EXCEED NR 140 ENFORCEMENT STANDARDS.

PROJECT NO.	3263	DRAWN BY:	KP
DRAWN:	03/02/07	CHECKED BY:	TC
REVISED:	06/15/07	APPROVED BY:	SMS

ENGINEER: BT² inc.
2830 DAIRY DRIVE
MADISON, WI 53718-6751
PHONE: (608) 224-2830
FAX: (608) 224-2839

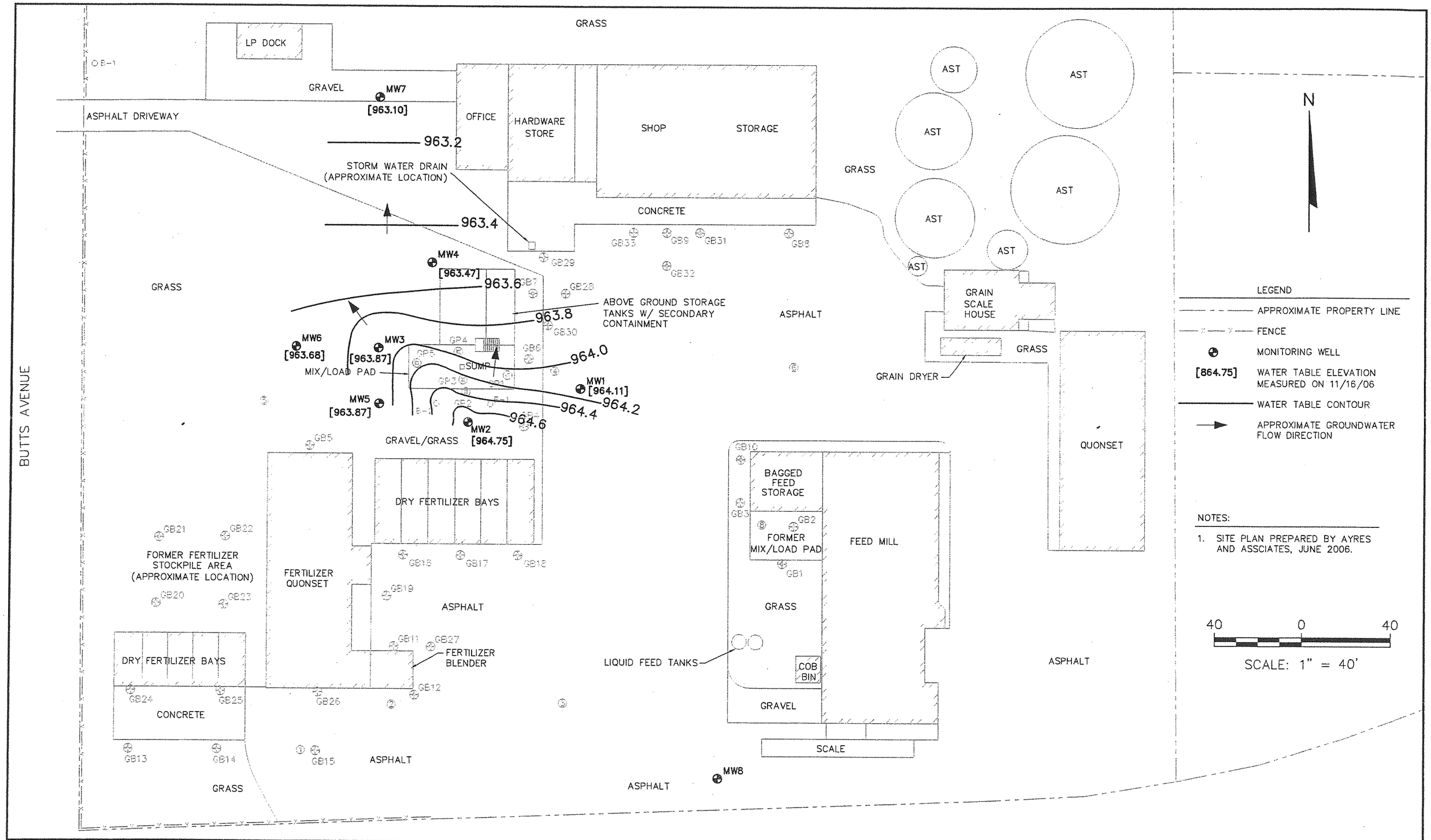
CLIENT: TOMAH COOPERATIVE SERVICES
711 FAIR STREET
TOMAH, WISCONSIN

SITE: TOMAH COOPERATIVE SERVICES
711 FAIR STREET
TOMAH, WISCONSIN

AMMONIA-N ISOCONCENTRATION MAP

FIGURE 9

I:\3263\Drawings-General\W-RSLT.dwg, AMMONIA, 6/15/2007 2:19:15 PM



PROJECT NO.	3263	DRAWN BY:	KP	ENGINEER	BT² inc. 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT	TOMAH COOPERATIVE SERVICES 711 FAIR STREET TOMAH, WISCONSIN	SITE	TOMAH COOPERATIVE SERVICES 711 FAIR STREET TOMAH, WISCONSIN	WATER TABLE MAP FOR NOVEMBER 16, 2006	FIGURE 5
DRAWN:	11/30/06	CHECKED BY:	TC								
REVISED:	02/27/07	APPROVED BY:	SMS								

I:\3263\Drawings-General\WTBL-NOV06.dwg, WTBL_NOV06, 6/15/2007 1:50:16 PM

POST CLOSURE

TABLE 1

SOIL CHEMISTRY DATA

Allied Cooperative - Tomah Fair Street Facility
711 Fair Street
Tomah, Wisconsin
DATCP No. 13690032901

Sample Location	Sample Date	Sample Name	Sample Depth (ft)	Nitrate- + Nitrite-N (mg/kg)	Ammonia Nitrogen (mg/kg)	Total Nitrogen (mg/kg)	Sample Location	Sample Date	Sample Name	Sample Depth (ft)	Nitrate- + Nitrite-N (mg/kg)	Ammonia Nitrogen (mg/kg)	Total Nitrogen (mg/kg)
B-1	6/26/13	TF-B101	0-1	- -	- -	- -	**B-7**	6/26/13	TF-B701	0-1	42.1	400	**442**
		TF-B104	4	- -	- -	- -			TF-B704	4	46.3	181	**227**
B-2	6/26/13	TF-B201	0-1	- -	- -	- -	**B-8**	6/26/13	TF-B801	0-1	- -	297	**297**
		TF-B204	4	21.4	- -	21.4			TF-B804	4	20.3	49.3	69.6
B-3	6/26/13	TF-B301	0-1	57.9	- -	57.9	**B-9**	6/26/13	TF-B901	0-1	21.9	30.0	51.9
		TF-B304	4	- -	- -	- -			TF-B904	4	- -	- -	- -
B-4	6/26/13	TF-B401	0-1	63.6	270	**334**	**B-10**	6/26/13	TF-B1001	0-1	114	91.2	**205**
		TF-B404	4	30.8	46.9	77.7			TF-B1004	4	37.0	- -	37.0
B-5	6/26/13	TF-B501	0-1	- -	355	**355**	**B-11**	6/26/13	TF-B1101	0-1	49.1	83.5	**133**
		TF-B504	4	- -	19.1	19.1			TF-B1104	4	28.6	- -	28.6
B-6	6/26/13	TF-B601	0-1	39.8	215	**254.8**	**B-12**	6/26/13	TF-B1201	0-1	88.0	68.1	**156**
		TF-B604	4	- -	- -	- -			TF-B1204	4	21.2	27.3	48.5

Notes:

	Blank Cell = No data.
4.4	Bold result indicates exceedance of 100 mg/kg.
- -	= Not detected; below method detection limit. See laboratory reports for detection limits.
ft	= feet
mg/kg	= milligram per kilogram
Total Nitrogen	= Nitrate/nitrite plus ammonia/ammonium-Nitrogen

POST CLOSURE

TABLE 1

SOIL CHEMISTRY DATA - Remedial Excavation Mobile Laboratory Results

Allied Cooperative - Tomah Fair Street Facility
711 Fair Street
Tomah, Wisconsin
DATCP No. 13690032901

Sample Location	Sample Date	Sample Depth (ft)	Nitrate- + Nitrite-N (mg/kg)	Ammonia Nitrogen (mg/kg)	Total Nitrogen (mg/kg)	Sample Location	Sample Date	Sample Depth (ft)	Nitrate- + Nitrite-N (mg/kg)	Ammonia Nitrogen (mg/kg)	Total Nitrogen (mg/kg)
S-1	11/13/14	1	- -	- -	- -	S-45	11/13/14	4	97.0	117	**214**
S-2	11/13/14	1	59.7	73.4	**133.1**	S-46	11/13/14	3	- -	- -	- -
S-3	11/13/14	1	- -	- -	- -	S-47	11/13/14	3	104	54.9	**158.9**
S-4	11/13/14	1	- -	291	**291**	S-48	11/13/14	5	25.5	20.7	46.2
S-5	11/13/14	1	- -	134	**134**	S-49	11/13/14	1	240	403	**643**
S-6	11/13/14	1	- -	- -	- -	S-50	11/13/14	1	99.4	54.6	**154**
S-7	11/13/14	3	- -	- -	- -	S-51	11/13/14	1	- -	- -	- -
S-8	11/13/14	1	39.5	- -	39.5	S-52	11/13/14	3	64.9	54.8	**119.7**
S-9	11/13/14	3	- -	- -	- -	S-53	11/13/14	3	- -	- -	- -
S-10	11/13/14	1	- -	- -	- -	S-54	11/13/14	3	- -	- -	- -
S-11	11/13/14	3	- -	- -	- -	S-55	11/13/14	1	52.0	- -	52.0
S-12	11/13/14	1	- -	- -	- -	S-56	11/13/14	1	206	- -	**206**
S-13	11/13/14	3	- -	- -	- -	S-57	11/13/14	3	74.5	26.0	**100.5**
S-14	11/13/14	1	- -	- -	- -	S-58	11/13/14	3	55.7	- -	55.7
S-15	11/13/14	3	- -	- -	- -	S-59	11/13/14	4.5	21.9	- -	21.9
S-16	11/13/14	1	- -	- -	- -	S-60	11/13/14	1	- -	- -	- -
S-17	11/13/14	3	- -	- -	- -	S-61	11/13/14	3	28.3	116	**144.3**
S-18	11/13/14	1	- -	- -	- -	S-62	11/13/14	1	- -	- -	- -
S-19	11/13/14	3	- -	- -	- -	S-63	11/13/14	3	- -	- -	- -
S-20	11/13/14	1	- -	- -	- -	S-64	11/13/14	3	22.9	- -	22.9
S-21	11/13/14	3	- -	- -	- -	S-65	11/13/14	1	- -	- -	- -
S-22	11/13/14	1	- -	- -	- -	S-66	11/13/14	1	- -	- -	- -
S-23	11/13/14	3	- -	- -	- -	S-67	11/13/14	3	20.7	- -	20.7
S-24	11/13/14	1	- -	- -	- -	S-68	11/13/14	3	98.3	20.1	**118.4**
S-25	11/13/14	3	46.6	- -	46.6	S-69	11/14/14	1	- -	- -	- -
S-26	11/13/14	1	- -	- -	- -	S-70	11/14/14	3	21.1	- -	21.1
S-27	11/13/14	3	- -	- -	- -	S-71	11/14/14	1	- -	- -	- -
S-28	11/13/14	1	- -	- -	- -	S-72	11/14/14	1	87.3	69.0	**156.3**
S-29	11/13/14	3	139	256	**395**	S-73	11/14/14	3	71.1	84.1	**155.2**
S-30	11/13/14	1	- -	- -		S-74	11/14/14	3	- -	- -	- -
S-31	11/13/14	3	44.3	- -	44.3	S-75	11/14/14	3	- -	- -	- -
S-32	11/13/14	1	- -	- -	- -	S-76	11/14/14	1	- -	- -	- -
S-33	11/13/14	1	- -	- -	- -	S-77	11/14/14	3	- -	- -	- -
S-34	11/13/14	3	21.7	- -	21.7	S-78	11/14/14	1	- -	- -	- -
S-35	11/13/14	1	- -	- -	- -	S-79	11/14/14	3	- -	- -	- -
S-36	11/13/14	3	- -	- -	- -	S-80	11/14/14	1	- -	- -	- -
S-37	11/13/14	1	67.9	134	**201.9**	S-81	11/14/14	3	- -	- -	- -
S-38	11/13/14	3	22.6	- -	22.6	S-82	11/14/14	1	- -	- -	- -
S-39	11/13/14	1	- -	20.1	20.1	S-83	11/14/14	3	- -	- -	- -
S-40	11/13/14	1	103	42.8	**145.8**	S-84	11/14/14	1	- -	- -	- -
S-41	11/13/14	1	- -	- -	- -	S-85	11/14/14	3.5	21.0	- -	21.0
S-42	11/13/14	3	- -	- -	- -	S-86	11/14/14	1	- -	- -	- -
S-43	11/13/14	3	- -	- -	- -	S-87	11/14/14	3	- -	- -	- -
S-44	11/13/14	4.5	- -	- -	- -						

Notes:

- - = Not detected; below method detection limit. See laboratory reports for detection limits.
4.4 Bold result indicates exceedance of 100 mg/kg Total Nitrogen.
59.7 Blue text indicates area of sample location was subsequently removed/excavated.

ft = feet
mg/kg = milligram per kilogram
Total Nitrogen = Nitrate/nitrite plus ammonia/ammonium-Nitrogen

Analysis done on site in mobile laboratory. The mobile laboratory analyzes nitrogen compounds using techniques based on Standard Method 4500. In the field, the method has a reporting limit of 20 mg/kg wet-weight for both nitrate-N and ammonium-N.

Table 4. Groundwater Analytical Results Summary
Tomah Cooperative Services, Tomah, WI / BT² Project #3263
(Concentrations in µg/l, except where noted)

Sample	Date	NH3-N (mg/l)	NO3+NO2-N (mg/l)	Acetochlor	Alachlor	Atrazine Plus Metabolites[1]	Atrazine	DEA	DIA	Butylate	Chlorpyrifos	Cyanazine	Dimethenamid	EPTC	Metolachlor	Metribuzin	Pendimethalin	Prometon	Propazine	Simazine	Trifluralin
MW1	1/23/2004	5.2	**11**	<0.059	<0.039	ND	<0.027	<0.076	<0.094	<0.070	<0.064	<0.070	<0.021	<0.061	0.13	<0.028	<0.033	<0.043	<0.028	<0.056	<0.044
	5/10/2004	2.8	**32**	<0.087	<0.053	ND	<0.037	<0.054	<0.043	<0.031	<0.039	0.044 I	0.68	<0.029	*2.3*	<0.032	<0.056	<0.048	<0.051	<0.067	<0.036
	05/10/04 (Dup)	2.0	**32**	<0.087	<0.053	ND	<0.037	<0.054	<0.043	<0.031	<0.039	0.060 I	0.76	<0.029	*2.4*	<0.032	<0.056	<0.048	<0.051	<0.067	<0.036
	11/9/2004	2.7	*7.1*	<0.087	<0.053	ND	<0.037	<0.054	<0.043	<0.031	<0.039	*0.21*	0.24	<0.029	0.70	<0.032	<0.056	<0.048	<0.051	<0.067	<0.036
	2/2/2005	2.1	**17**	<0.038	<0.085	ND	<0.068	<0.079	<0.044	<0.027	<0.030	<0.11	<0.051	<0.043	<0.22	<0.045	1.0	<0.083	<0.049	<0.11	<0.030
	11/16/2006	5.0	*9.8*	<0.029	<0.038	ND	<0.022	<0.030	<0.031	<0.035	<0.024	<0.040	0.13	<0.038	0.42	<0.033	<0.012	<0.048	<0.038	<0.041	<0.016
	2/14/2007	7.5	**23**	<0.033	<0.088	ND	<0.021	<0.021	<0.044	<0.040	<0.032	<0.060	<0.019	<0.027	<0.016	0.19	<0.029	<0.044	<0.038	<0.040	<0.025
MW2	1/23/2004	300	**73**	<0.058	<0.039	ND	<0.027	<0.075	<0.093	<0.069	<0.063	<0.069	0.099	<0.060	<0.028	<0.028	<0.033	<0.043	<0.028	<0.055	<0.044
	5/10/2004	17	**35**	<0.087	**95**	*1.8*	1.8	<0.054	<0.043	<0.031	<0.039	<0.034	<0.055	<0.029	<0.21	<0.032	<0.056	<0.048	<0.051	0.089 I	<0.036
	11/9/2004	59	**92**	<0.087	<0.053	*0.75*	0.52	0.23	<0.043	<0.031	<0.039	<0.034	<0.055	<0.029	<0.21	<0.032	<0.056	<0.048	<0.051	*0.44*	<0.036
	2/2/2005	130	**130**	<0.038	<0.085	0.13 I	0.13 I	<0.079	<0.044	<0.027	<0.030	<0.11	<0.051	<0.043	<0.22	<0.045	<0.072	<0.083	<0.049	[0.15]	<0.030
	11/16/2006	45	**70**	<0.029	<0.038	ND	<0.021	<0.030	<0.031	<0.035	<0.023	<0.040	0.36	<0.038	0.12	<0.033	<0.012	<0.048	<0.038	<0.041	<0.016
	2/14/2007	250	**58**	<0.031	0.089 J	ND	<0.020	<0.020	<0.042	<0.038	<0.030	<0.057	0.15	<0.025	0.068	<0.038	<0.027	<0.042	<0.036	<0.038	<0.024
MW3	1/23/2004	63	**76**	<0.059	*0.52*	0.20	0.20	<0.077	<0.095	<0.070	<0.064	<0.070	14	<0.061	**19**	0.11	<0.034	<0.044	<0.029	<0.056	<0.045
	5/10/2004	71	**73**	<0.087	*0.42*	0.27	0.27	<0.054	<0.043	<0.031	<0.039	<0.034	12	<0.029	*14*	<0.032	<0.056	0.28	<0.051	<0.067	<0.036
	11/9/2004	60	**41**	<0.087	**12**	*0.38*	0.38	<0.054	<0.043	<0.031	<0.039	<0.034	6.3	<0.029	*8.7*	<0.032	<0.056	0.15	<0.051	0.26	<0.036
	2/2/2005	54	**49**	<0.083	*1.6*	*0.32*	0.32	<0.079	<0.044	<0.027	<0.030	<0.11	7.3	<0.043	*11*	<0.045	<0.072	<0.083	<0.049	<0.11	<0.030
	11/16/2006	95	**70**	<0.029	*0.27*	ND	<0.022	<0.030	<0.031	<0.035	<0.024	<0.040	0.79	<0.038	1.1	<0.033	<0.012	<0.048	<0.038	<0.041	<0.016
	2/14/2007	170	**77**	<0.032	*0.50*	0.067	0.067	<0.020	<0.043	<0.039	<0.031	<0.058	0.59	<0.026	0.78	<0.039	<0.028	<0.043	<0.037	<0.039	<0.024
MW4	1/23/2004	37	**34**	<0.058	*0.26*	ND	<0.027	<0.075	<0.093	<0.069	<0.063	<0.069	2.1	<0.060	1.3	<0.028	<0.033	<0.043	<0.028	<0.055	<0.044
	01/23/04 (Dup)	36	**34**	<0.058	*0.23*	ND	<0.027	<0.075	<0.093	<0.069	<0.063	<0.069	1.7	<0.060	1.1	<0.028	<0.033	<0.043	<0.028	<0.055	<0.044
	5/10/2004	31	*4.8*	<0.087	<0.053	ND	<0.037	<0.054	<0.043	<0.031	<0.039	<0.034	<0.055	<0.029	<0.21	<0.032	<0.056	<0.048	<0.051	<0.067	<0.036
	11/9/2004	31	*3.8*	0.26 I	<0.053	ND	<0.037	<0.054	<0.043	<0.031	<0.039	<0.034	0.35	<0.029	<0.21	<0.032	<0.056	<0.048	<0.051	<0.067	<0.036
	2/2/2005	20	**43**	0.30	*0.58*	0.27	0.27	<0.079	<0.044	<0.027	<0.030	<0.11	4.4	<0.043	*1.9*	<0.045	<0.072	<0.083	<0.049	<0.11	<0.030
	11/16/2006	32	**28**	<0.032	<0.043	ND	<0.024	<0.033	<0.034	<0.039	<0.026	<0.045	0.64	<0.043	0.57	<0.037	<0.014	<0.054	<0.043	<0.046	<0.018
	2/14/2007	27	**36**	<0.032	<0.084	ND	<0.020	<0.020	<0.043	<0.039	<0.031	<0.057	0.50	<0.026	0.49	<0.039	<0.028	<0.043	<0.037	<0.039	<0.024
MW5	11/9/2004	38	**73**	<0.087	**2.5**	0.13	0.13	<0.054	<0.043	<0.031	<0.039	<0.034	7.5	<0.029	*12*	<0.032	<0.056	0.19	<0.051	0.28	<0.036
	2/2/2005	41	**99**	<0.038	**2.0**	0.24	0.24	<0.079	<0.044	<0.027	<0.030	<0.11	5.5	<0.043	*10*	<0.045	<0.072	<0.083	<0.049	0.15 I	<0.030
	11/16/2006	50	**58**	<0.028	**6.0**	ND	<0.021	<0.029	<0.030	<0.034	<0.023	<0.039	2.8	<0.037	*13*	<0.032	<0.012	<0.047	<0.037	<0.040	<0.016
	2/14/2007	48	**49**	<0.032	**3.4**	ND	<0.020	<0.020	<0.043	<0.039	<0.031	<0.057	2.8	<0.026	*8.4*	<0.039	<0.028	<0.043	<0.037	<0.039	<0.024

Table 4. Groundwater Analytical Results Summary
Tomah Cooperative Services, Tomah, WI / BT² Project #3263
(Concentrations in µg/l, except where noted)

Sample	Date	NH3-N (mg/l)	NO3+NO2-N (mg/l)	Acetochlor	Alachlor	Atrazine Plus Metabolites[1]	Atrazine	DEA	DIA	Butylate	Chlorpyrifos	Cyanazine	Dimethenamid	EPTC	Metolachlor	Metribuzin	Pendimethalin	Prometon	Propazine	Simazine	Trifluralin
MW6	11/9/2004	200	**130**	<0.087	<0.053	0.21	0.21	<0.054	<0.043	0.16	<0.039	<0.034	2.0	0.12	<0.21	<0.032	<0.056	<0.048	<0.051	0.31	<0.036
	11/09/04 (Dup)	200	**130**	<0.087	<0.053	0.22	0.22	<0.054	<0.043	0.14	<0.039	<0.034	2.1	0.11	<0.21	<0.032	<0.056	<0.048	<0.051	0.32	<0.036
	2/2/2005	150	**130**	<0.038	<0.085	*0.35*	0.35	<0.079	<0.044	<0.027	<0.030	<0.11	0.57	<0.043	0.58 I	<0.045	<0.072	<0.083	<0.049	0.23 I	<0.030
	02/02/05 (Dup)	140	**130**	<0.038	<0.085	0.28	0.28	<0.079	<0.044	<0.027	<0.030	<0.11	0.58	<0.043	0.61 I	<0.045	<0.072	<0.083	<0.049	0.20 I	<0.030
	11/16/2006	100	**87**	<0.028	*1.1*	0.13	0.13	<0.029	<0.030	<0.034	<0.023	<0.039	0.38	<0.037	0.67	<0.032	<0.012	<0.047	<0.037	<0.040	<0.016
	2/14/2007	190	**120**	<0.032	0.089 J	0.16	0.16	<0.020	<0.043	<0.039	<0.031	<0.057	0.30	<0.026	0.16	<0.039	<0.028	<0.043	<0.037	<0.039	<0.024
MW7	11/9/2004	6.2	*2.9*	<0.087	*0.20*	0.15	0.15	<0.054	<0.043	<0.031	<0.039	<0.034	2.6	<0.029	0.63 I	<0.032	<0.056	<0.048	<0.051	<0.067	<0.036
	2/2/2005	26	**44**	<0.038	*0.75*	*0.44*	0.44	<0.079	<0.044	<0.027	<0.030	*0.19* I	9.8	<0.043	*3.4*	<0.045	<0.072	<0.083	<0.049	<0.11	<0.030
	11/16/2006	34	**15**	<0.029	0.11 J	ND	<0.022	<0.030	<0.031	<0.035	<0.024	<0.040	1.3	<0.038	1.1	<0.033	<0.012	<0.048	<0.038	<0.041	<0.016
	2/14/2007	57	**22**	<0.032	*0.22* J	ND	<0.020	<0.020	<0.043	<0.039	<0.031	<0.057	3.8	<0.026	*2.5*	<0.039	<0.028	<0.043	<0.037	<0.039	<0.024
MW8	2/14/2007	<1.0	*2.9*	<0.031	<0.083	ND	<0.019	<0.019	<0.042	<0.038	<0.030	<0.056	<0.017	<0.025	<0.016	<0.038	<0.027	<0.042	<0.036	<0.038	<0.023
GB10	2/1/2007	32	*6.5*	<0.034	<0.091	ND	<0.022	<0.022	<0.046	<0.042	<0.033	<0.062	<0.019	1.7	0.060	<0.042	<0.030	<0.046	<0.040	<0.042	<0.026
NR 140 Enforcement Standards (ES)		NE	10	NE	2	3 (a)	(a)	(a)	(a)	67	NE	1	NE	250	15	250	NE	90	NE	4	7.5
NR 140 Preventive Action Limits (PAL)		NE	2	NE	0.2	0.3 (a)	(a)	(a)	(a)	6.7	NE	0.1	NE	50	1.5	50	NE	18	NE	0.4	0.75

ABBREVIATIONS:
NH3-N = Ammonia-Nitrogen NO3+NO2-N = Nitrate/Nitrite-Nitrogen DEA = Desethylatrazine DIA = Desisopropylatrazine NA = Not Analyzed NE = Not Established

NOTES:
[1]Includes the sum of atrazine, DEA, and DIA.
(a) NR 140 ES and PAL for atrazine includes the sum of atrazine, DEA, DIA and other atrazine metabolites.
NR 140 ES - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.
NR 140 PAL - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.
2004 and 2005 sampling events conducted by Ayres Associates.
2006 and 2007 sampling events conducted by BT², Inc.
All detections are shown in larger font for clarity.
Bold+underlined values meet or exceed NR 140 enforcement standards.
Italic+underlined values meet or exceed NR 140 preventive action limits.

LABORATORY NOTES:
J = Estimated
I = Result is greater than the limit of detection but less than the limit of quantitation and is within a region of "less certain quantitation"

Created by:	TLR	Date:	12/5/2006
Last revision by:	LMH	Date:	4/9/2007
Checked by:	SMS	Date:	4/11/2007

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Table 2
Water Level Summary
Tomah Cooperative Services / Project #3263
Tomah, Wisconsin

	Depth to Water in feet below top of well casing							
Raw Data	**MW1**	**MW2**	**MW3**	**MW4**	**MW5**	**MW6**	**MW7**	**MW8**
Measurement Date								
November 16, 2006	4.23	4.17	8.28	8.38	5.65	5.93	4.80	NI
February 14, 2007	5.02	5.36	8.66	8.90	6.23	6.43	5.19	5.50

	Ground Water Elevation in feet above mean sea level (amsl)							
Well Number	**MW1**	**MW2**	**MW3**	**MW4**	**MW5**	**MW6**	**MW7**	**MW8**
Top of Casing Elevation (feet amsl)	968.34	968.92	972.15	971.85	969.52	969.61	967.90	969.24
Screen Length (ft)	10	10	10	10	8	8	8	10
Total Depth (ft from top of casing)	14.5	14.9	17.6	17.4	11.9	11.8	11.8	13.7
Top of Well Screen Elevation (ft)	963.84	964.02	964.60	964.45	965.67	965.81	964.10	965.54
Measurement Date								
November 16, 2006	964.11	964.75	963.87	963.47	963.87	963.68	963.10	NI
February 14, 2007	963.32	963.56	963.49	962.95	963.29	963.18	962.71	963.74

ABBREVIATIONS:
NI = well not installed

NOTES:
Site benchmark is the northwest corner of the site scale. Benchmark has an assigned elevation of 971 feet above mean sea level.

RIGHT-OF-WAY

Engineering & Science

June 28, 2007

Ms. JoAnn Cram
Tomah City Clerk
819 Superior Avenue
Tomah, WI 54660

Mr. Ken Patterson
Tomah Public Works Director
819 Superior Avenue
Tomah, WI 54660

SUBJECT: Notification of Groundwater Impacts in Right-of-Way
Tomah Cooperative Services
711 Fair Street, Tomah, Wisconsin
BT^2 Project #3263

Dear Ms. Cram and Mr. Patterson:

On behalf of Tomah Cooperative Services, BT^2, Inc., is providing you with notification of residual nitrogen impacts to groundwater in the Butts Avenue and Grant Street right-of-way as required for site closure per chapter NR 726.05(2)(b)(4), Wisconsin Administrative Code (WAC). The Wisconsin Department of Agriculture, Trade and Consumer Protection (WDATCP) is reviewing the Tomah Cooperative case to determine if it can be closed. A condition of case closure is that the site will be added to the Wisconsin Department of Natural Resources (WDNR) geographical information system (GIS) Registry of Closed Remediation Sites per chapter NR 726(2)(b), WAC.

Groundwater contamination that appears to have originated on the Tomah Cooperative property has likely migrated onto the Butts Avenue and Grant Street right-of-way in Tomah, Wisconsin. The depth to groundwater (water table) in the vicinity of the Cooperative is approximately 5 feet below ground surface. The concentrations of nitrate plus nitrite as nitrogen in groundwater samples from nearby monitoring wells are greater than the state groundwater enforcement standards (ESs) found in chapter NR 140, WAC. However, based on groundwater monitoring conducted at the site, the groundwater contaminant plume is stable or receding and will naturally degrade over time. It appears that allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in chapter NR 726, WAC.

If you need more information, please contact me at (608) 216-7345.

Sincerely,

Stephen Sellwood, P.G.
Project Hydrogeologist

cc: Mr. Arnie Erickson, Tomah Cooperative Services

SMS\TJC
I:\3263\Correspondence - Other\tomah_row_notification_070628_ltr.doc