

GIS REGISTRY

Cover Sheet

March, 2010
(RR 5367)

Source Property Information

BRRTS #:

ACTIVITY NAME:

PROPERTY ADDRESS:

MUNICIPALITY:

PARCEL ID #:

CLOSURE DATE:

FID #:

DATCP #:

COMM #:

*WTM COORDINATES:

X: Y:

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

WTM COORDINATES REPRESENT:

- Approximate Center Of Contaminant Source
- Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

- Groundwater Contamination > ES (236)
- Contamination in ROW
- Off-Source Contamination
(note: for list of off-source properties see "Impacted Off-Source Property" form)
- Soil Contamination > *RCL or **SSRCL (232)
- Contamination in ROW
- Off-Source Contamination
(note: for list of off-source properties see "Impacted Off-Source Property" form)

Land Use Controls:

- N/A (Not Applicable)
- Soil: maintain industrial zoning (220)
(note: soil contamination concentrations between non-industrial and industrial levels)
- Structural Impediment (224)
- Site Specific Condition (228)
- Cover or Barrier (222)
(note: maintenance plan for groundwater or direct contact)
- Vapor Mitigation (226)
- Maintain Liability Exemption (230)
(note: local government unit or economic development corporation was directed to take a response action)

Monitoring Wells:

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

Yes No N/A

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

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

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

BRRTS #: PARCEL ID #:
ACTIVITY NAME: WTM COORDINATES: X: Y:

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

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

SOURCE LEGAL DOCUMENTS

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).
Figure #: **Title:**
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

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

- Maps must be no larger than 11 x 17 inches unless the map is submitted electronically.
- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.
Figure #: 1 **Title: Site Location Map**
 - Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: 2 **Title: Site Plan**
 - 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 **Title: Post-Excavation Results**

BRRTS #: 02-22-55531

ACTIVITY NAME: Reddy Ag Service

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: 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 #: Title:

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

Figure #: Title:

Figure #: Title:

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

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

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

Table #: 1 Title: Soil Analytical Results Summary - Post Remediation

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

Table #: Title:

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

Table #: Title:

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

Note: If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.

- Not Applicable**

- Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

Note: If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.

Figure #: Title:

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

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

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

BRRTS #: 02-22-555531

ACTIVITY NAME: Reddy Ag Service

NOTIFICATIONS

Source Property

Not Applicable

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

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

Off-Source Property

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

Not Applicable

Letter To "Off-Source" Property Owners: Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.

Note: Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.

Number of "Off-Source" Letters:

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

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

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

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

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



State of Wisconsin
Jim Doyle, Governor

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

August 11, 2010

Mr. Harold Reddy
Reddy Ag Service
3984 Commercial Street
Stitzer, WI 53825

Re: Final Case Closure with Land Use Limitations or Conditions
Reddy Ag Service
3984 Commercial Street
Stitzer, WI 53825
DATCP Case No. 06403083001
DATCP BRRTS No. 02-22-555531

Dear Mr. Reddy:

On August 10, 2010, our Closure Committee reviewed the above-referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases.

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 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 Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

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

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 the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If your property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department 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

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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 above for the GIS Registry.

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 enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code.

Remaining Residual Soil Contamination

Residual nitrogen and pesticide soil contamination remains at the approximate locations shown on Figure 3 of BT Squared's GIS Registry Package. The GIS Registry Package can be viewed at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If residual contaminated soil is excavated in the future, then the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains (requirement pursuant to ch. NR 718, and ch. 289, Stats., and chs. 500 to 536 may also apply). 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 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

Structural impediments existing at the time of cleanup and previous investigations, including the bulk dry fertilizer building, made complete investigation of the soil contamination on this property impracticable. Pursuant to s. 292.12(2)(b), Wis. Stats., if the structural impediment on this property that is described above is removed, the property owner shall conduct an investigation of the degree and extent of fertilizer contamination. If contamination is found at that time, the Department shall be immediately notified and the contamination shall be properly remediated in accordance with applicable statutes and rules. If soil in the specific location 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

Reddy Ag Service - Stitzer
August 11, 2010

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 during excavation activities to prevent a health threat to humans.

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.

The Department 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 call me at 608-224-4515.

Sincerely,



Jason B. Lowery
Hydrogeologist

Copy to: Al MacKenzie, DATCP EES
Wendy Weihemuller, WDNR Regional Assistant
Stephen Sellwood, BT Squared

673059
Document No.

QUIT CLAIM DEED

**GRANT COUNTY, WI
RECEIVED FOR RECORD**

NOV 9 - 2004
at 11:05A recorded in
Vol 1043 of Records Page 642
M. Kinney Register

Harold G. Reddy and Judith K. Reddy,
husband and wife, quit claims to

Reddy Ag Service, Inc., the following described real estate in
Grant County, State of Wisconsin:

SEE ATTACHED RIDER

RETURN RECORDED DOCUMENT TO:
Kinney, Urban & Kussmaul
P.O. Box 528
Lancaster, WI 53813
13092

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

Dated: December 31, 2003.

Parcel Identification No.

X *Harold G. Reddy* (SEAL)

Harold G. Reddy

X *Judith K. Reddy* (SEAL)

Judith K. Reddy

AUTHENTICATION

Signatures of Harold G. Reddy and Judith K. Reddy, husband and wife, are authenticated on December 31, 2003.

State Transfer
Fee Exempt
77.25 (15)

John A. Kussmaul

John A. Kussmaul
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____ authorized
by Sec. 706.06, Wis. Stats.)

This instrument was drafted by:

John A. Kussmaul
Lancaster, Wisconsin

TRACT 1:

That part of the West $\frac{1}{2}$ of the Northwest $\frac{1}{4}$ of Section 9, Town 5 North, Range 2 West, Liberty Township (Village of Stitzer), Grant County, Wisconsin, more fully described as: Commencing at the Northwest corner of the said Section 9; thence S $0^{\circ}06'56''$ W, 1330.56'; thence East, 723.95' to the point of beginning, being on the edge of the pavement of a public road; thence S $47^{\circ}01'53''$ E, 23.02' along the said edge; thence S $64^{\circ}29'13''$ E, 32.15' along the said edge; thence N $87^{\circ}09'20''$ E, 39.28' along the said edge; thence N $77^{\circ}49'09''$ E, 171.22' along the said edge; thence N $50^{\circ}11'55''$ E, 8.54'; thence N $50^{\circ}45'59''$ E, 80.44'; thence N $45^{\circ}18'32''$ E, 79.48'; thence N $36^{\circ}09'06''$ E, 189.60'; thence N $87^{\circ}22'25''$ W, 201.64'; thence S $41^{\circ}44'50''$ W, 56.27'; thence S $45^{\circ}14'36''$ W, 66.14'; thence S $50^{\circ}22'31''$ W, 64.06'; thence S $56^{\circ}11'42''$ W, 96.90'; thence S $64^{\circ}36'49''$ W, 97.22' to a point on the edge of the pavement of the public road; thence S $1^{\circ}11'46''$ W, 26.98' along the said edge; thence S $24^{\circ}53'00''$ E, 34.32' along the said edge to the point of beginning. Containing 1.730 acres, more or less, and being subject to any and all recorded easements and rights-of-way.

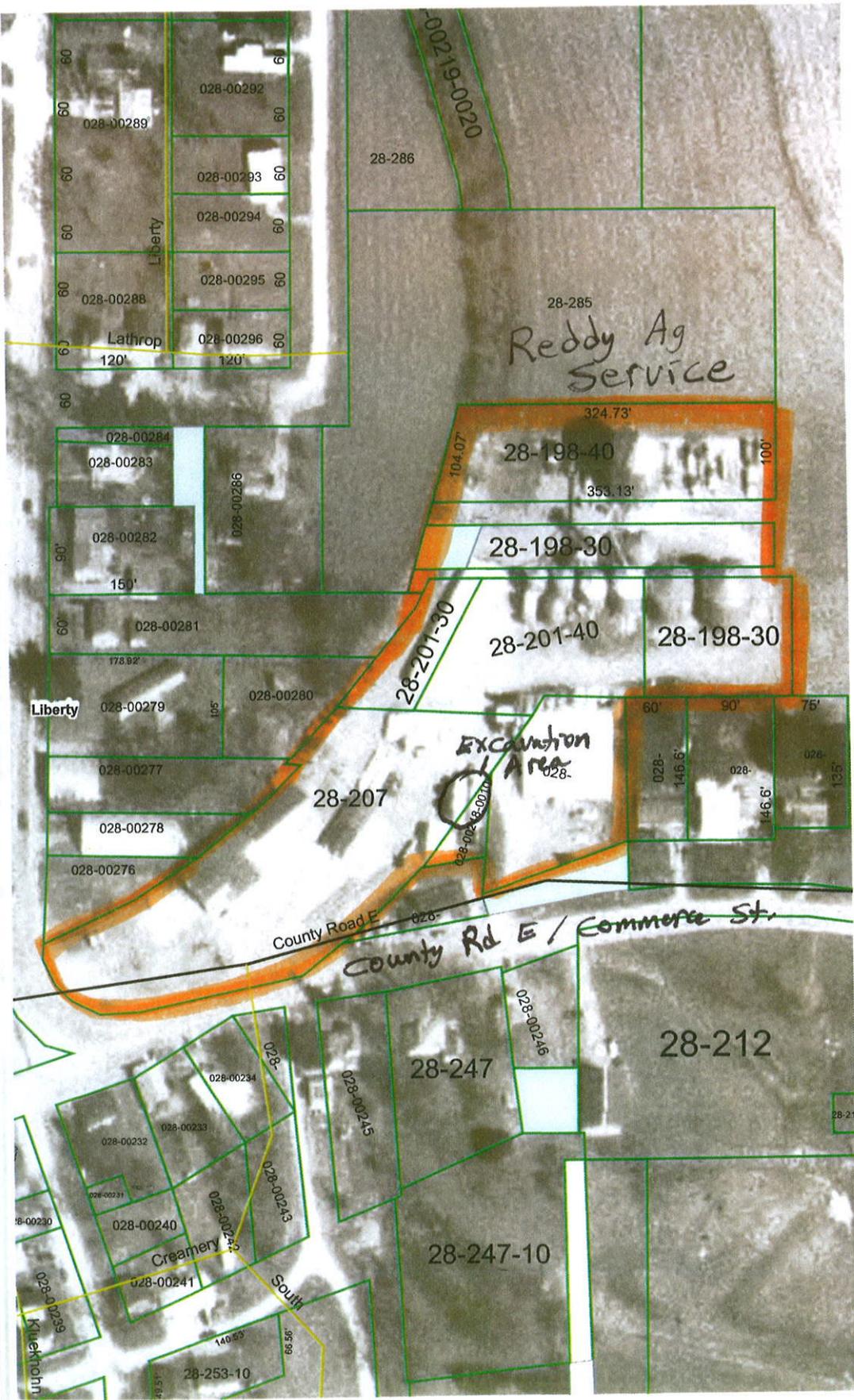
TRACT 2:

That part of the Northwest $\frac{1}{4}$ of the Northwest $\frac{1}{4}$ of Section 9, Town 5 North, Range 2 West, being in the unincorporated area of Stitzer, Liberty Township, Grant County, Wisconsin, more fully described as: Commencing at the Northwest corner of Section 9; thence S $0^{\circ}06'56''$ W, along the West line thereof, 1330.56' to the Southwest corner of the Northwest $\frac{1}{4}$ of the said Northwest $\frac{1}{4}$; thence East, 943.50'; thence N $51^{\circ}56'00''$ E, 103.30' to the point of beginning; thence N $51^{\circ}56'00''$ E, 12.82'; thence N $31^{\circ}00'00''$ E, 135.96' to the most Northerly corner of that property as described in Volume 461 on Page 92; thence S $5^{\circ}20'00''$ W, 113.42'; thence S $80^{\circ}36'15''$ W, 70.52' to the point of beginning. Containing 0.082 acres, more or less, and being subject to any and all recorded easements and rights-of-way.

TRACT 3:

A parcel of land located in the Northwest $\frac{1}{4}$ of the Northwest $\frac{1}{4}$ of Section 9, Town 5 North, Range 2 West, Liberty Township, Grant County, Wisconsin, being more particularly described as:

Beginning at an existing iron pipe marking the Northwest corner of Grant County Certified Survey Map No. 226; thence S $88^{\circ}47'03''$ E along the North line thereof, 79.49' to a No. 6 reinforcing bar on the Easterly line of the abandoned Chicago and Northwestern Railroad right-of-way, being a 741.78' radius curve; thence Northeasterly, 152.71' along the arc of said curve to the left, making a central angle of $11^{\circ}47'43''$ and a long chord of 152.44' that bears N $27^{\circ}52'39''$ E to a No. 6 reinforcing bar; thence S $89^{\circ}28'57''$ W, 54.46' to a No. 6 reinforcing bar on the Westerly line of the abandoned Chicago and Northwestern Railroad right-of-way, being a 691.78' radius curve; thence Southwesterly, 31.89' along the arc of said curve to the right, making a central angle of $2^{\circ}38'29''$ and a long chord of 31.89' that bears S $25^{\circ}01'36''$ W to a No. 6 reinforcing bar; thence S $38^{\circ}36'49''$ W, 132.68' to the point of beginning. Containing 8,899 square feet, (0.204 acres, more or less), and is subject to any and all recorded easements and rights-of-way.



- Legend**
- Highways
 - Local Roads
 - County Roads - Iowa
 - ROW_CenterlineType
 - Other Centerline
 - Railroad Centerline
 - Road Centerline
 - County Roads - Lafayette**
 - City Road
 - Township Roads
 - County Road
 - State Road
 - Federal Road
 - Bridges
 - Parcels - Grant**
 - Parcel_Type**
 - Complex Tax Parcel
 - Gap
 - Overlap
 - Tax Parcel
 - Parcels - Iowa
 - Parcel_Type**
 - Complex Tax Parcel
 - Gap
 - Overlap
 - Tax Parcel
 - Parcels - Lafayette
 - Parcels - Iowa
 - Civil Divisions - Iowa
 - Civil Divisions - Grant-Lafayette
 - TriCounty Boundaries
 - TriCounty Boundaries-Fill**
 - CNTY_NM**
 - Grant
 - Iowa
 - Lafayette
 - Grant County - 2005**
 - Value**
 - High : 255
 - Low : 51

DISCLAIMER: This data is provided by the Iowa County, Grant County and Lafayette County for informational purposes only. The counties do not warrant or guarantee the accuracy or reliability of this data. The recipient of this data assumes any risk of its use for any purpose.

1 inch equals 150 feet
 Printed on: 6/14/2010

June 22, 2010

To: Wisconsin Department of Natural Resources

Subject: Statement that all Legal Descriptions for Properties within the
Contaminated Site Boundaries have been Included
Reddy Ag Service
3984 Commercial Street, Stitzer, Wisconsin
WDATCP #06403083001

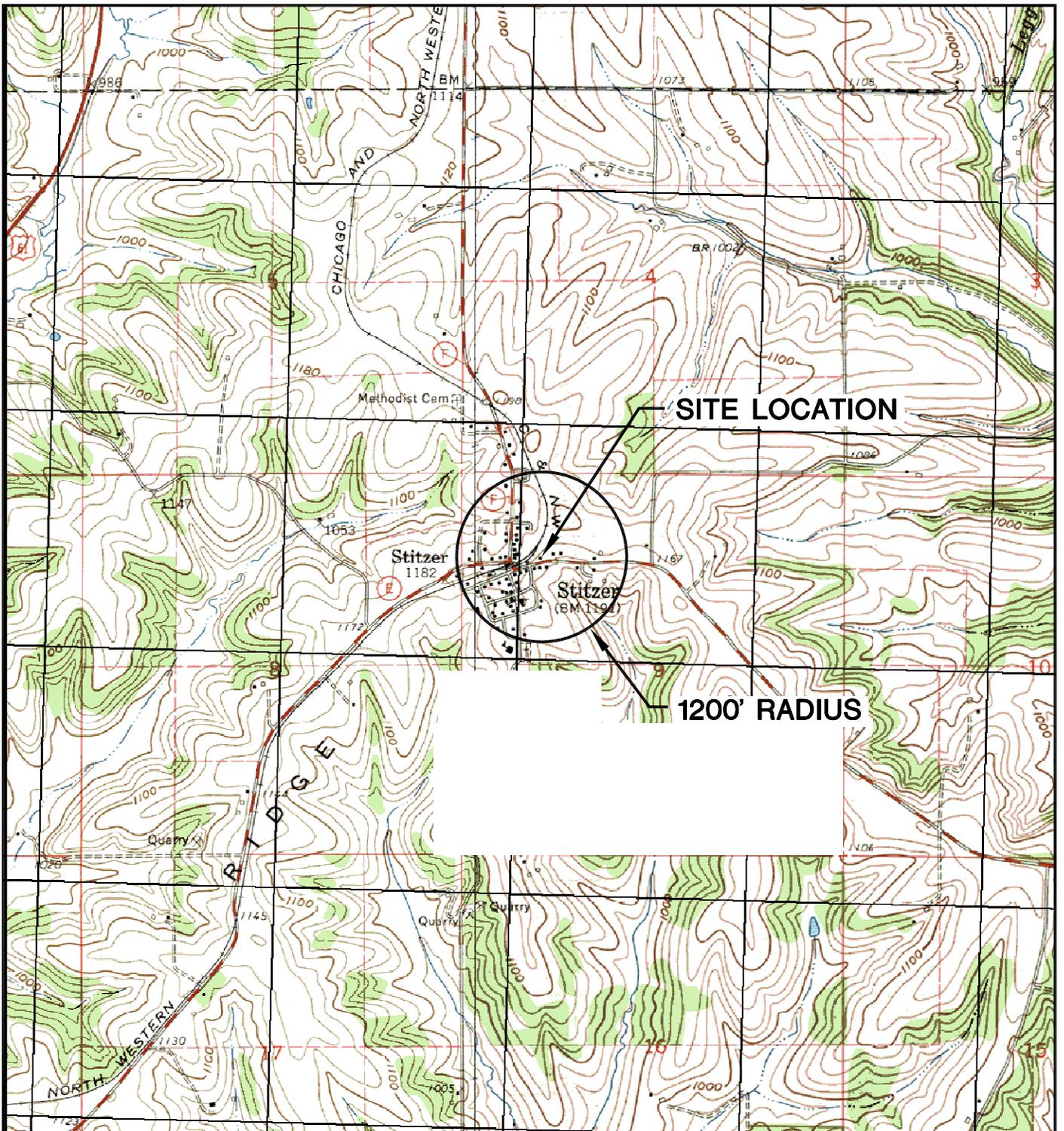
To Whom it May Concern:

To the best of my knowledge, I believe that with the submittal of the included property information, the legal descriptions for all of the properties within, or partially within the contaminated site's boundaries have been submitted with the case closure request.

Sincerely,
Reddy Ag Service



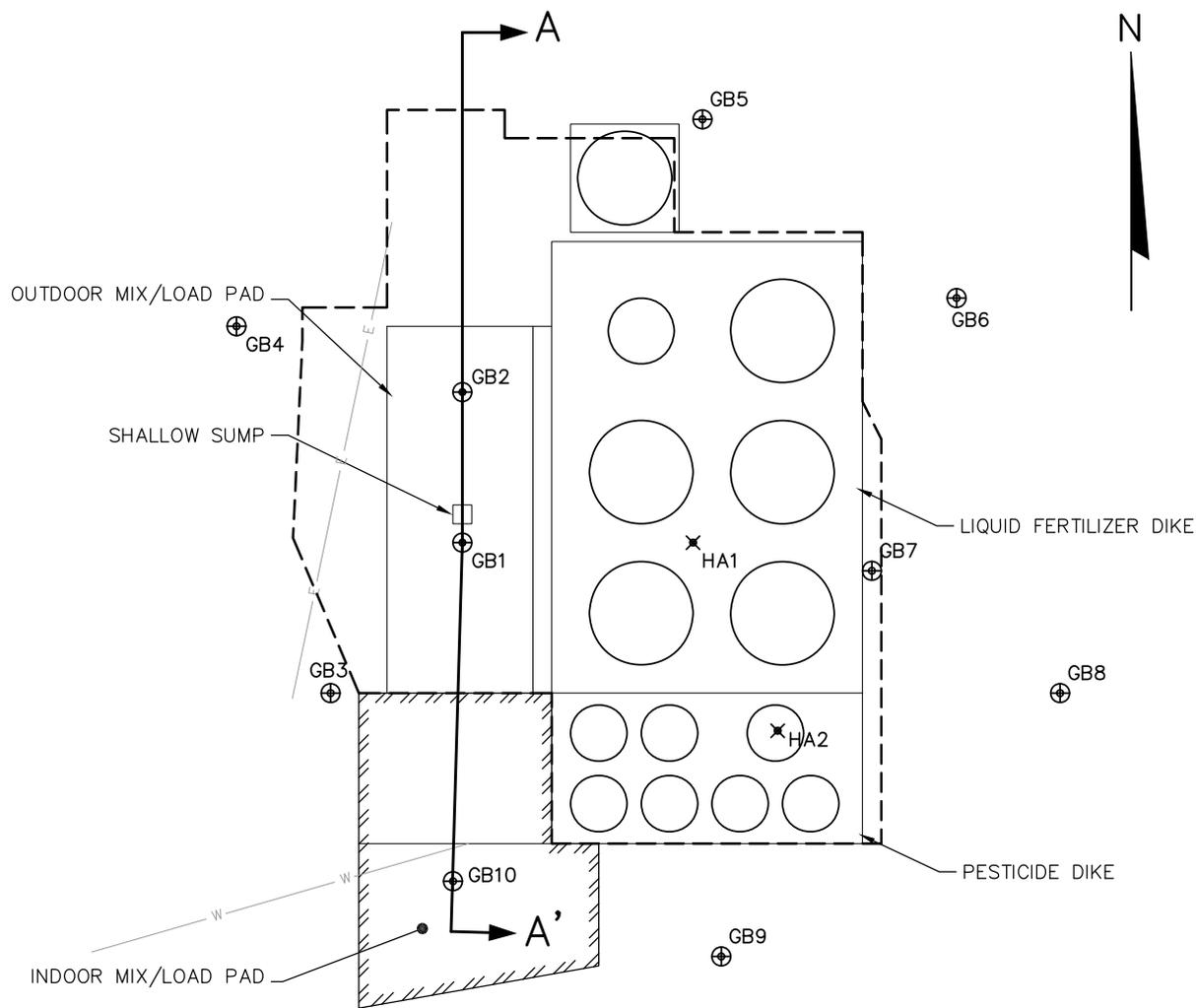
Mr. Harold Reddy



STITZER QUADRANGLE
 WISCONSIN-GRANT CO.
 7.5 MINUTE SERIES (TOPOGRAPHIC)
 1962
 SCALE: 1" = 2,000'



CLIENT	REDDY AG SERVICE 3984 COMMERCIAL STREET STITZER, WISCONSIN PHONE: (608) 943-8353		SITE	REDDY AG SERVICE 3984 COMMERCIAL STREET STITZER, WISCONSIN		ENGINEER	BT SQUARED 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830		FIGURE 1
	PROJECT NO.	3340		DRAWN BY:	KP		SITE LOCATION MAP		
	DRAWN:	03/29/07	CHECKED BY:	SMS					
	REVISED:	06/21/10	APPROVED BY:	SMS 07/06/10					



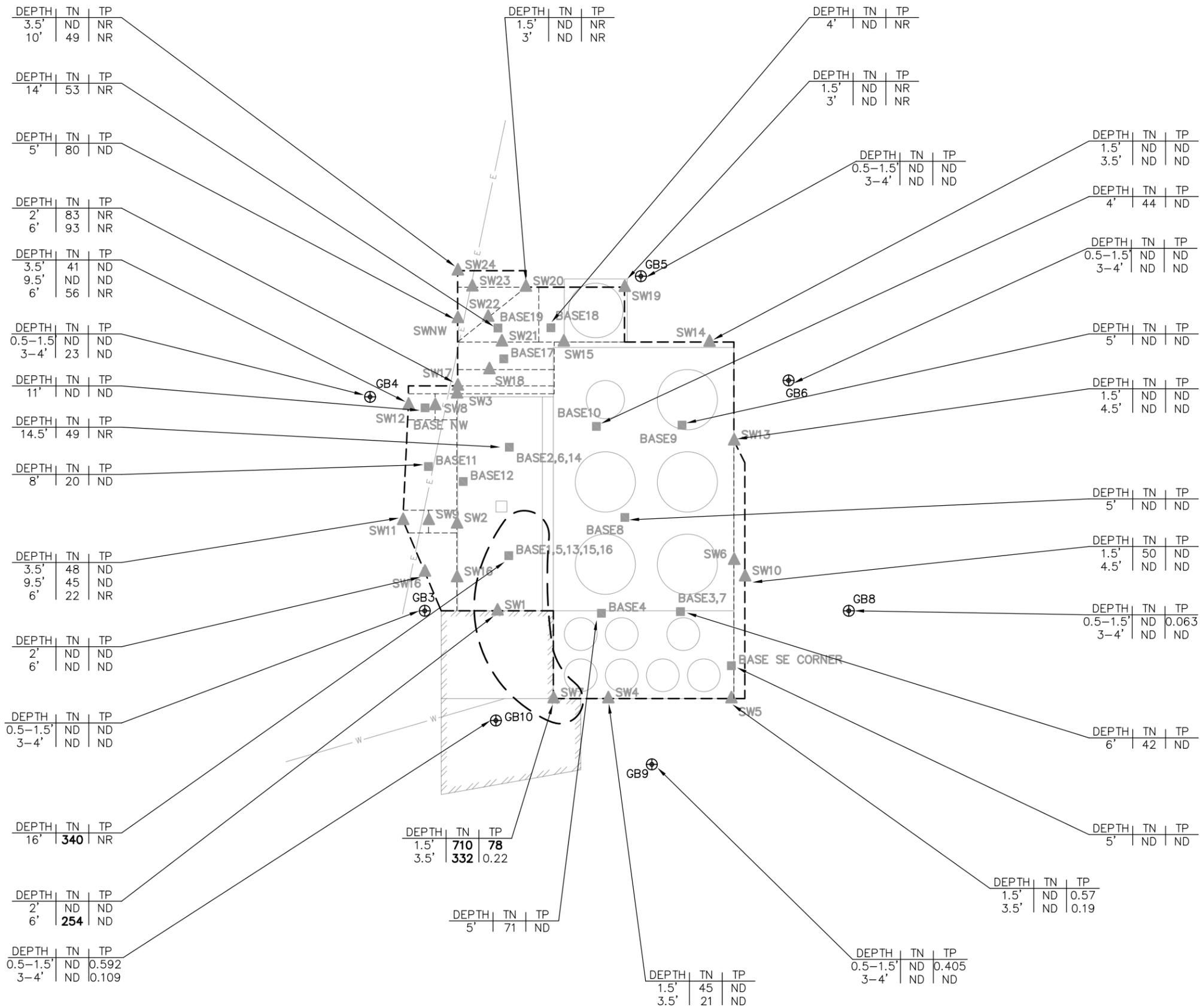
LEGEND

- BURIED ELECTRIC
- WATER
- GEOPROBE SOIL BORING
- HAND AUGER BORING
- EXCAVATION LIMITS



SCALE: 1" = 20'

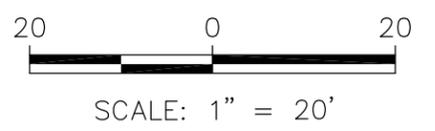
CLIENT	REDDY AG SERVICE 3984 COMMERCIAL STREET STITZER, WISCONSIN PHONE: (608) 943-8353	SITE	REDDY AG SERVICE 3984 COMMERCIAL STREET STITZER, WISCONSIN	ENGINEER	BT SQUARED 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	FIGURE	2
	PROJECT NO. 3340		DRAWN BY: KP/SAS		ENGINEER		FIGURE
	DRAWN: 03/29/07		CHECKED BY: SMS				
	REVISED: 07/05/10		APPROVED BY: SMS 07/06/10				



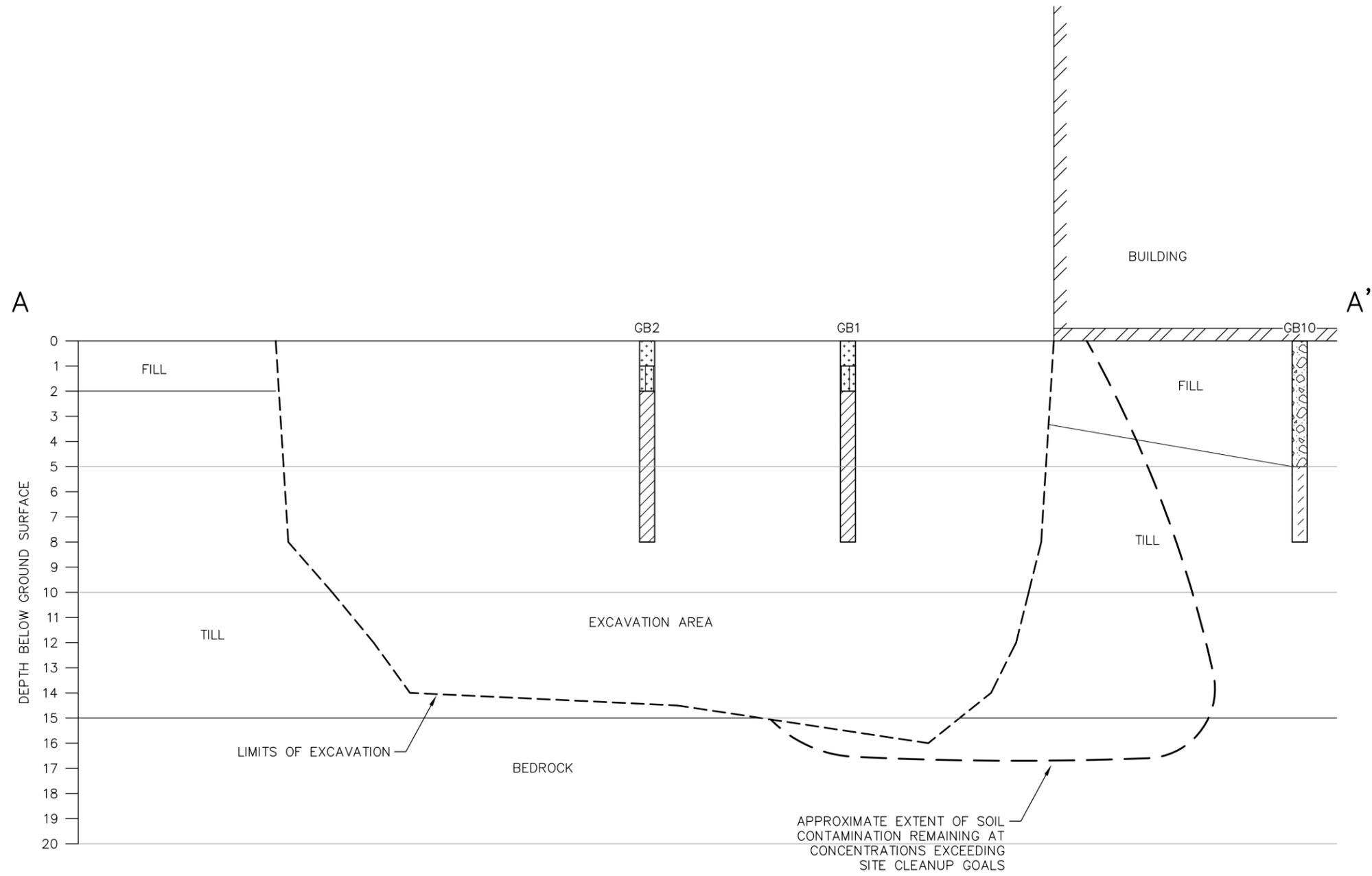
LEGEND

- E — BURIED ELECTRIC
- W — WATER
- ⊕ GEOPROBE SOIL BORING
- - - EXCAVATION LIMITS
- - - INTERIM EXCAVATION LIMITS
- EXCAVATION BASE SAMPLE
- ▲ EXCAVATION SIDEWALL SAMPLE
- TN TOTAL NITROGEN (mg/kg)
- TP TOTAL PESTICIDES (mg/kg)
- ND NOT DETECTED
- NR NOT REQUESTED
- - - APPROXIMATE EXTENT OF SOIL CONTAMINATION REMAINING AT CONCENTRATIONS EXCEEDING SITE CLEANUP GOALS

- NOTES:
1. BOLD VALUES EXCEED THE TARGET CONCENTRATIONS OF 1 mg/kg TOTAL PESTICIDES OR 100 mg/kg TOTAL NITROGEN.
 2. PROGRESS SAMPLE RESULTS NOT SHOWN. SEE TABLE 1.
 3. FIXED BASE LAB CONFIRMATION RESULTS SHOWN WHERE AVAILABLE.



PROJECT NO. 3340	DRAWN BY: KP/SAS	ENGINEER	 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT	REDDY AG SERVICE 3984 COMMERCIAL STREET STITZER, WISCONSIN PHONE: (608) 943-8353	SITE	REDDY AG SERVICE 3984 COMMERCIAL STREET STITZER, WISCONSIN	FIGURE	
DRAWN: 12/14/09	CHECKED BY: SMS							POST-EXCAVATION ANALYTICAL RESULTS	3
REVISED: 06/21/10	APPROVED BY: SMS 07/06/10								



- LEGEND
- SAND, POORLY GRADED, LITTLE OR NO FINES (SP)
 - LEAN CLAY (CL)
 - FAT CLAY (CH)
 - GRAVEL, WELL GRADED, LITTLE OR NO FINES (GW)
 - SILTY SAND (SM)

0 10

 HORIZONTAL SCALE: 1" = 10'
 VERTICAL SCALE: 1" = 5'
 VERTICAL EXAGGERATION = 2X

PROJECT NO. 3340	DRAWN BY: KP/SAS	ENGINEER	 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT	REDDY AG SERVICE 3984 COMMERCIAL STREET STITZER, WISCONSIN PHONE: (608) 943-8353	SITE	REDDY AG SERVICE 3984 COMMERCIAL STREET STITZER, WISCONSIN	GEOLOGIC CROSS SECTION A-A'	FIGURE
DRAWN: 06/22/10	CHECKED BY: SMS								4
REVISED: 07/05/10	APPROVED BY: SMS 07/06/10								

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Table 1. Post Remediation Soil Analytical Results Summary
Reddy Ag Service, Stitzer, WI / BT Squared Project #3340
(Concentrations in mg/kg)

Sample	Depth (feet)	Date	NH3-N	NO3+ NO2-N	Total Nitrogen	Total Pesticides	Aceto	Alac	Atra	DEA	DIA	Butylate	Chlorpyrifos	Cyanazine	Dimethenamid	EPTC	Meto	Metribuzin	Pend	Prometon	Propazine	Simazine	Trifl.
GB3	0.5-1.5	6/24/2009	<10	<20	ND	ND	<0.050	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025 M	<0.025	<0.050	<0.025	<0.050	<0.025
	3-4	6/24/2009	<10	<20	ND	ND	<0.050	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025
GB4	0.5-1.5	6/24/2009	<10	<20	ND	ND	<0.050	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025
	3-4	6/24/2009	<10	23	23	ND	<0.050	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025
GB5	0.5-1.5	6/24/2009	<10	<20	ND	ND	<0.50	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025
	3-4	6/24/2009	<10	<20	ND	ND	<0.50	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025 LC	<0.025	<0.050	<0.025	<0.050	<0.025
GB6	0.5-1.5	6/24/2009	<10	<20	ND	ND	<0.050	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025 LC	<0.025	<0.050	<0.025	<0.050	<0.025
	3-4	6/24/2009	<10	<20	ND	ND	<0.050	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025 LC	<0.025	<0.050	<0.025	<0.050	<0.025
GB8	0.5-1.5	6/24/2009	<10	<20	ND	0.063	<0.050	0.063	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025 LC	<0.025	<0.050	<0.025	<0.050	<0.025
	3-4	6/24/2009	<10	<20	ND	ND	<0.050	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025 LC	<0.025	<0.050	<0.025	<0.050	<0.025
GB9	0.5-1.5	6/24/2009	<10	<20	ND	0.405	<0.050	0.350	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	0.055	<0.025 LC	<0.025	<0.050	<0.025	<0.050	<0.025
	3-4	6/24/2009	<10	<20	ND	ND	<0.050	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025 LC	<0.025	<0.050	<0.025	<0.050	<0.025
GB10	0.5-1.5	6/24/2009	<10	<20	ND	0.592	<0.050	0.180	0.037	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	0.320	<0.025 LC	0.055	<0.050	<0.025	<0.050	<0.025
	3-4	6/24/2009	<10	<20	ND	0.109	<0.050	0.055	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	0.054	<0.025 LC	<0.025 LC	<0.050	<0.025	<0.050	<0.025
Base 4	5	12/1/2009	71	<20	71	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Base 7	6	12/1/2009	42	<20	42	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Base 8	5	12/2/2009	<20	<20	ND	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Base 9	5	12/2/2009	<20	<20	ND	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Base 10	4	12/3/2009	44	<20	44	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Base 11	8	12/3/2009	<20	20	20	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Base 14	14.5	12/3/2009	<20	49	49	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Base 16	16	12/3/2009	<20	160	160	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Base 16 confirm	16	12/3/2009	<10	340	340	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Base 18	4	12/3/2009	<20	<20	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Base 19	14	12/3/2009	<20	53	53	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Base NW	11	12/2/2009	<20	<20	ND	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Base SE Corner	5	12/1/2009	<20	<20	ND	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW1A	2	11/30/2009	<20	<20	ND	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW1B	6	11/30/2009	210	44	254	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW4A	1.5	12/1/2009	45	<20	45	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Table 1. Post Remediation Soil Analytical Results Summary
Reddy Ag Service, Stitzer, WI / BT Squared Project #3340
(Concentrations in mg/kg)

Sample	Depth (feet)	Date	NH3-N	NO3+ NO2-N	Total Nitrogen	Total Pesticides	Aceto	Alac	Atra	DEA	DIA	Butylate	Chlorpyrifos	Cyanazine	Dimethenamid	EPTC	Meto	Metribuzin	Pend	Prometon	Propazine	Simazine	Trifl.
SW4B	3.5	12/1/2009	<20	21	21	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW5A	1.5	12/1/2009	<20	<20	ND	0.57	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.57	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW5B	3.5	12/1/2009	<20	<20	ND	0.19	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.19	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW7A	1.5	12/1/2009	280	<100	280	68	<0.1	6.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.40 HC	<0.1	61	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW7A confirm	1.5	12/1/2009	710	<20	710	78	0.051	7.8	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	0.03	<0.050	70	<0.025	0.065	<0.050	<0.025	<0.050	<0.025
SW7B	3.5	12/1/2009	170	48	218	0.57	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.57 HC	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW7B confirm	3.5	12/1/2009	270	62	332	0.22	<0.050	0.13	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	0.094	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025
SW10A	1.5	12/1/2009	50	<20	50	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW10B	4.5	12/1/2009	<20	<20	ND	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW11A	3.5	12/2/2009	<20	48	48	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW11B	9.5	12/2/2009	<20	45	45	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW11C	6	12/3/2009	<20	22	22	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SW12A	3.5	12/2/2009	<20	41	41	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW12B	9.5	12/2/2009	<20	<20	ND	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW12C	6	12/3/2009	<20	56	56	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SW13A	1.5	12/2/2009	<20	<20	ND	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW13B	4.5	12/2/2009	<20	<20	ND	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW14A	1.5	12/2/2009	<20	<20	ND	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW14B	3.5	12/2/2009	<20	<20	ND	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW16A	2	12/3/2009	<20	<20	ND	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW16A confirm	2	12/3/2009	<10	<20	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SW16B	6	12/3/2009	<20	<20	ND	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SW17A	2	12/3/2009	<20	83	83	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SW17B	6	12/3/2009	<20	93	93	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SW19A	1.5	12/3/2009	<20	<20	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SW19B	3	12/3/2009	<20	<20	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SW20A	1.5	12/3/2009	<20	<20	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SW20B	3	12/3/2009	<20	<20	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SW24A	3.5	12/4/2009	<20	<20	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SW24B	10	12/4/2009	<20	23	23	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SW24B confirm	10	12/4/2009	<10	49	49	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SWNW	5	12/3/2009	<20	80	80	ND	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Table 1. Post Remediation Soil Analytical Results Summary
Reddy Ag Service, Stitzer, WI / BT Squared Project #3340
(Concentrations in mg/kg)

ABBREVIATIONS:

DEA = Desethylatrazine
Aceto = Acetochlor

DIA = Desisopropylatrazine
NH3-N = Ammonia as Nitrogen

Pend = Pendimethalin
NO3+NO2-N = Nitrate+Nitrite as Nitrogen

Meto = Metolachlor
Trifl = Trifluralin

Atra = Atrazine
NR = Not Requested

Alac = Alachlor

NOTES:

Total nitrogen is the sum of NH3-N and NO3+NO2-N.

Bold+underlined values meet or exceed the site cleanup goals of 1 mg/kg total pesticide or 100 mg/kg total nitrogen.

HC = Results may be biased high because of high continuing calibration verification.

LC = Results may be biased low because of low continuing calibration verification (CCV).

M = The Matrix Spike and/or Matrix Spike Duplicate recovery was outside of the laboratory control limits.

confirm = samples run by fixed lab to confirm the mobile laboratory results (mobile lab results reported on wet weight basis, fixed lab results are dry weight corrected)

Created by: TLR Date: 1/7/2010
Last revision by: TLR Date: 1/13/2009
Checked by: SMS Date: 1/21/2010

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