

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 #:

02-52-547259

PARCEL ID #:

186032129218000

ACTIVITY NAME:

Farmers Grain & Supply - Union Grove

WTM COORDINATES:

X: 679824

Y: 247995

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

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

SOURCE LEGAL DOCUMENTS

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.

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

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

Figure #: A **Title: Plat Map**

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

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

Maps must be no larger than 8.5 x 14 inches unless the map is submitted electronically.

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

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

Figure #: 1 **Title: Site Location Map**

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

Figure #: 2 **Title: Detailed Site Map**

- 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 #: 4 **Title: Areas of Residual Soil Contamination (Vadose Zone)**

BRRTS #: 02-52-547259

ACTIVITY NAME: Farmers Grain & Supply - Union Grove

MAPS (continued)

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

Figure #: Title:

Figure #: Title:

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

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

Figure #: 5 Title: **Groundwater Analytical Results October 30, 2008**

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 #: 3 Title: **Groundwater Contour Map October 30, 2008**

Figure #: 4 Title: **Groundwater Contour Map June 28, 2007**

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

Tables must be no larger than 8.5 x 14 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

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

Table #: 3 Title: **Residual Soil Contamination - Nitrogen Fertilizer**

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

Table #: 2 Title: **Groundwater Sample Analytical Data**

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

Table #: 1 Title: **Water Level Data**

IMPROPERLY ABANDONED MONITORING WELLS

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

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

Not Applicable

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

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

Figure #: Title:

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

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

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

BRRTS #: 02-52-547259

ACTIVITY NAME: Farmers Grain & Supply - Union Grove

NOTIFICATIONS

Source Property

- Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

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

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

Number of "Off-Source" Letters:

- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.
- Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.
Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

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



State of Wisconsin
Jim Doyle, Governor

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

April 3, 2009

Mr. Brad Gjeramo
Cooperative Plus, Inc.
P.O. Box 220
Burlington, WI 53105

Re: Final Case Closure with Land Use Limitations or Conditions
Cooperative Plus, Inc. / Former Farmers Grain & Supply
1007 State Street, Union Grove, WI 53182
DATCP Case No. 98414042302
WDNR BRRTS No. 02-52-547259

Dear Mr. Gjeramo:

On March 10, 2009, 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. On March 18, 2009, you were notified that the Closure Committee had granted conditional closure to this case.

On April 3, 2009, the Department received correspondence indicating that you have complied with the requirements of closure. This included documentation of abandonment of the monitoring wells

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
- 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 the RR Sites

Agriculture generates \$51.5 billion for Wisconsin

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 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. It is the Department's intent to conduct inspections in the future to ensure that the conditions included in this letter are met.

Remaining Residual Soil Contamination

Residual fertilizer soil contamination remains at the approximate locations shown on Figure 4 of Alpha Terra Science, Inc.'s (Alpha Terra) 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.

Remaining Residual Groundwater Contamination

Groundwater impacted by nitrite-nitrate as nitrogen (NO₂₋₃ as N) contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present both on the contaminated property and off the contaminated property. Off-site property owners have been notified of the presence of groundwater contamination. For more detailed information regarding the locations where groundwater samples have been collected (i.e., monitoring well locations) and the associated contaminant concentrations, refer to

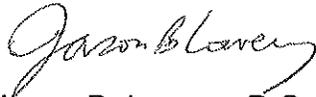
the Remediation and Redevelopment Program's GIS Registry at the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

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, P.G.
Hydrogeologist

Copy to: Art Fonk, DATCP EES
Victoria Stovall, WDNR
Amy Haak, Alpha Terra

This Indenture, Made this 7th day of February, A. D., 1957

between O. D. FABER, a single and unmarried man,

part Y of the first part,

FARMER'S COOPERATIVE ELEVATOR COMPANY, a Wisconsin corporation,

part Y of the second part.

Witnesseth, That the said part Y of the first part, for and in consideration of the sum of One Dollar and other good and valuable consideration

to him in hand paid by the said part Y of the second part, the receipt whereof is hereby confessed and

acknowledged, has given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by

these presents does give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said part Y

of the second part, its successors and assigns forever, the following described real estate, situated

in the County of Racine and State of Wisconsin, to-wit:

That part of the SOUTHWEST 1/4 of SECTION 29, TOWNSHIP 3 NORTH, RANGE 21 EAST, bounded as follows: Begin at the Southeast corner of Mill Lot as shown on the Plat of Salisbury's Addition to Union Grove according to the recorded plat thereof; run thence East 8 rods; thence North to the Railroad bounds; thence Southwesterly along the Railroad lands to the Northeast corner of the Mill Lot; thence South to the place of beginning.

Said land being in the Village of Union Grove, County of Racine, State of Wisconsin.

To clarify a previous conveyance by this grantor it is herewith certified that on November 4, 1954, he was a single and unmarried man when he conveyed the above mentioned lands as is shown by Volume 566 of Deeds, page 690, Document #623234.



Together, with all and singular the hereditaments and appurtenances thereunto belonging or in any wise containing; and all the estate, right, title, interest, claim or demand whatsoever, of the said part Y of the first part, whether in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances.

To have and to hold the said premises as above described with the hereditaments and appurtenances, unto the said part Y of the second part, and to its successors and assigns FOREVER.

And the said

O. D. FABER, a single and unmarried man,

for himself, his heirs, executors and administrators, does covenant, guarantee and assign to and with the said party of the second part, its heirs and assigns

of the ensembling and delivery of these presents he is well seized of the premises above described, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same is clear from all incumbrances whatever, without exception

and that the above bargained premises in the quiet and peaceable possession of the said party and its heirs and assigns, against all and every person or persons lawfully claiming or any part thereof, he will forever WARRANT AND DEFEND.

In Witness Whereof, the said party of the first part has hereunto set his hand and seal this 7th day of February, A. D., 1957

SIGNED AND SEALED IN PRESENCE OF

Eli Block
Olga C. Knutson

O. D. Faber
O. D. FABER

STATE OF WISCONSIN, Rock County ss.

Personally came before me, this 7th day of February the above named O. D. FABER, a single and unmarried man,

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

Eli Block

Notary Public, Rock

My Commission expires Jan 17

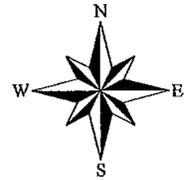
(Section 59.51 (1) of the Wisconsin Statutes provides that all instruments to be recorded shall have plainly printed or typewritten names of the grantors, grantees, witnesses and notary)

No. 65881
O. D. FABER, a single and unmarried man, TO
MEMBER'S COOPERATIVE ELEVATOR COMPANY, a Wisconsin corporation,

WARRANTY DEED

REGISTER'S OFFICE, STATE OF WISCONSIN, Racine County.
Recorded for Record this 25 day of February A. D., 1957, 3:00 o'clock P.M., and recorded in 605 of Deeds on page 265-266
J. Bielski
Register of Deeds

Racine County CORAGIS Project



1 inch equals 150 feet

*Figure A
Plat Map*

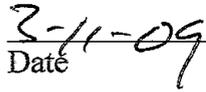
Printed 3/9/2009



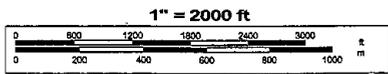
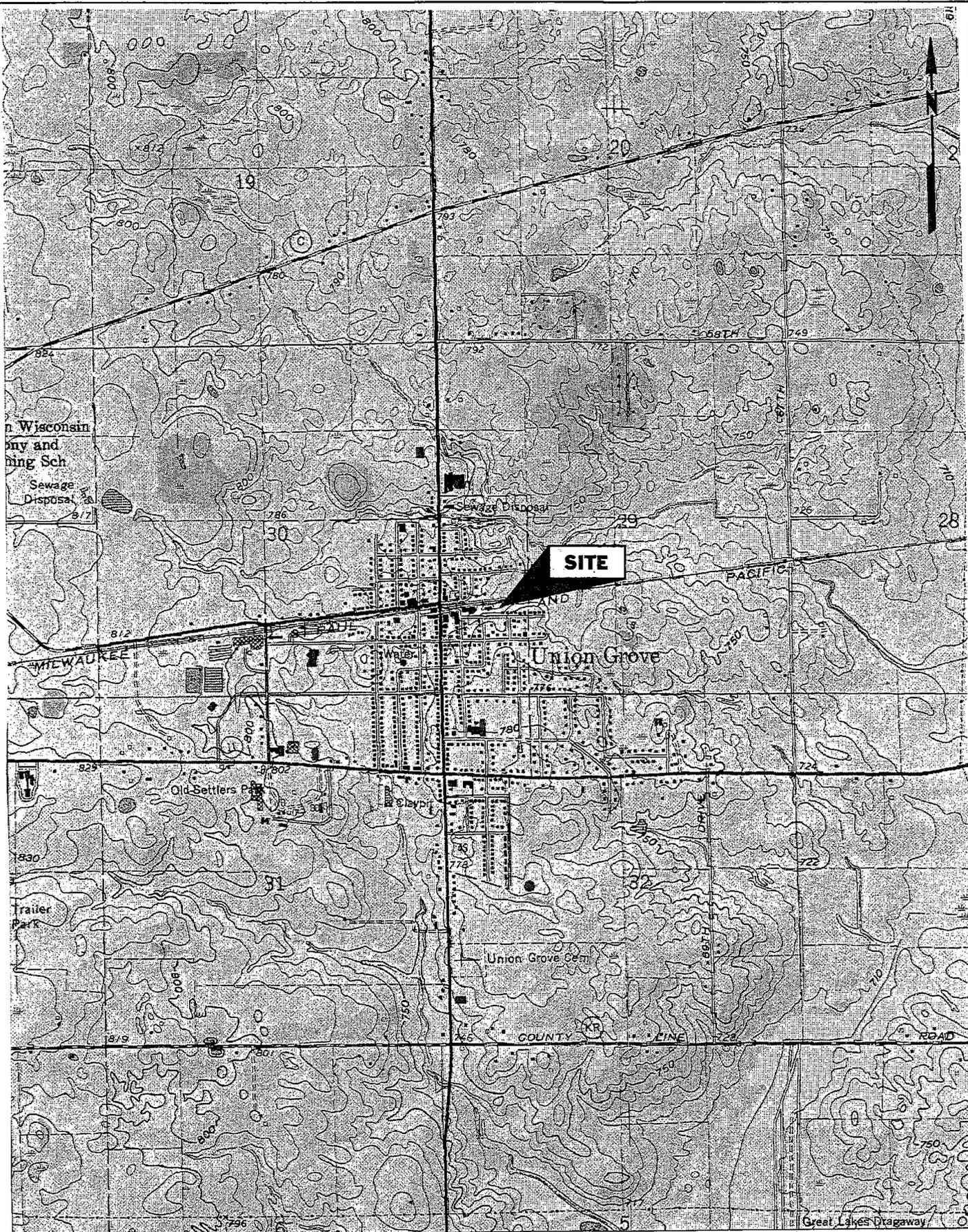
Disclaimer: The information and depictions herein have been produced using data available through photogrammetric means by Racine County. The information and depictions herein are for informational purposes and Racine County specifically disclaims accuracy in this production and specifically admonishes and advises that any and all depiction, measurements, distances depicted herein and as to which specific or precise accuracy is required should be determined by procurement of certified maps, surveys, plats, Flood Insurance Studies, or other official means.

I have reviewed the attached legal description for the Cooperative Plus, Inc., property. I believe the legal description is complete and accurate for the property located at 1007 State Street, Union Grove, Wisconsin, with residual soil and groundwater contamination.


Signature


Date

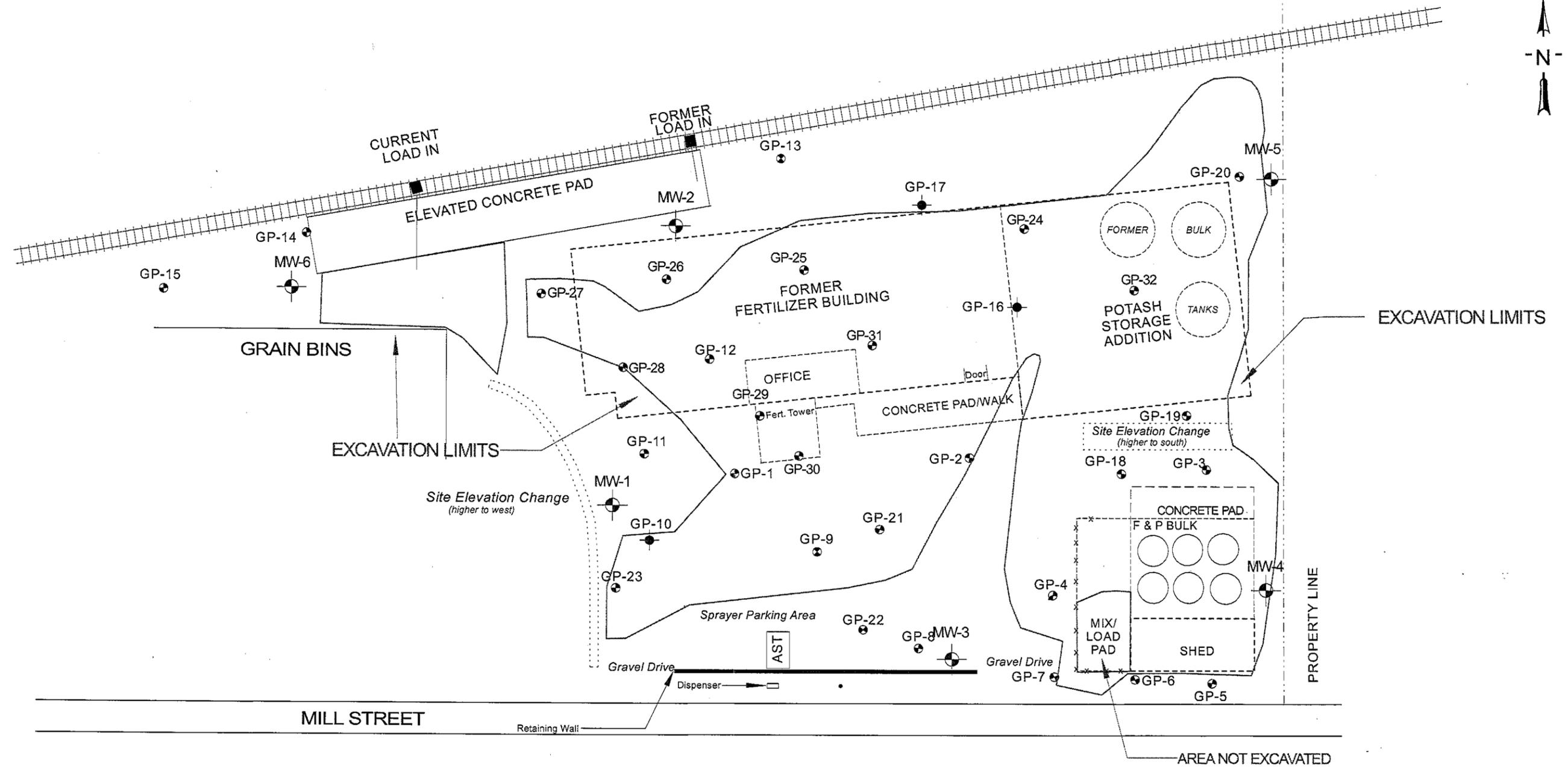
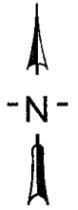
Brad Gjermo
CEO
Cooperative Plus, Inc.



SOURCE: Union Grove 7.5 minute topographic quadrangle
1987

SITE LOCATION MAP			
Cooperative Plus, Inc., Union Grove, WI			
DATE	DESCRIPTION	APPVD	DATE: 5/18/05
			DWG#.. siteloc
SCALE 1"=24,000			APPROVED: AH
			FIGURE 1

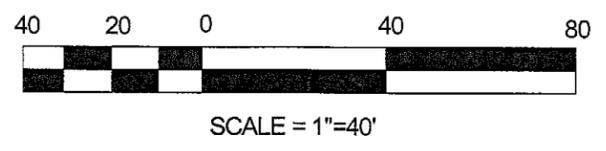




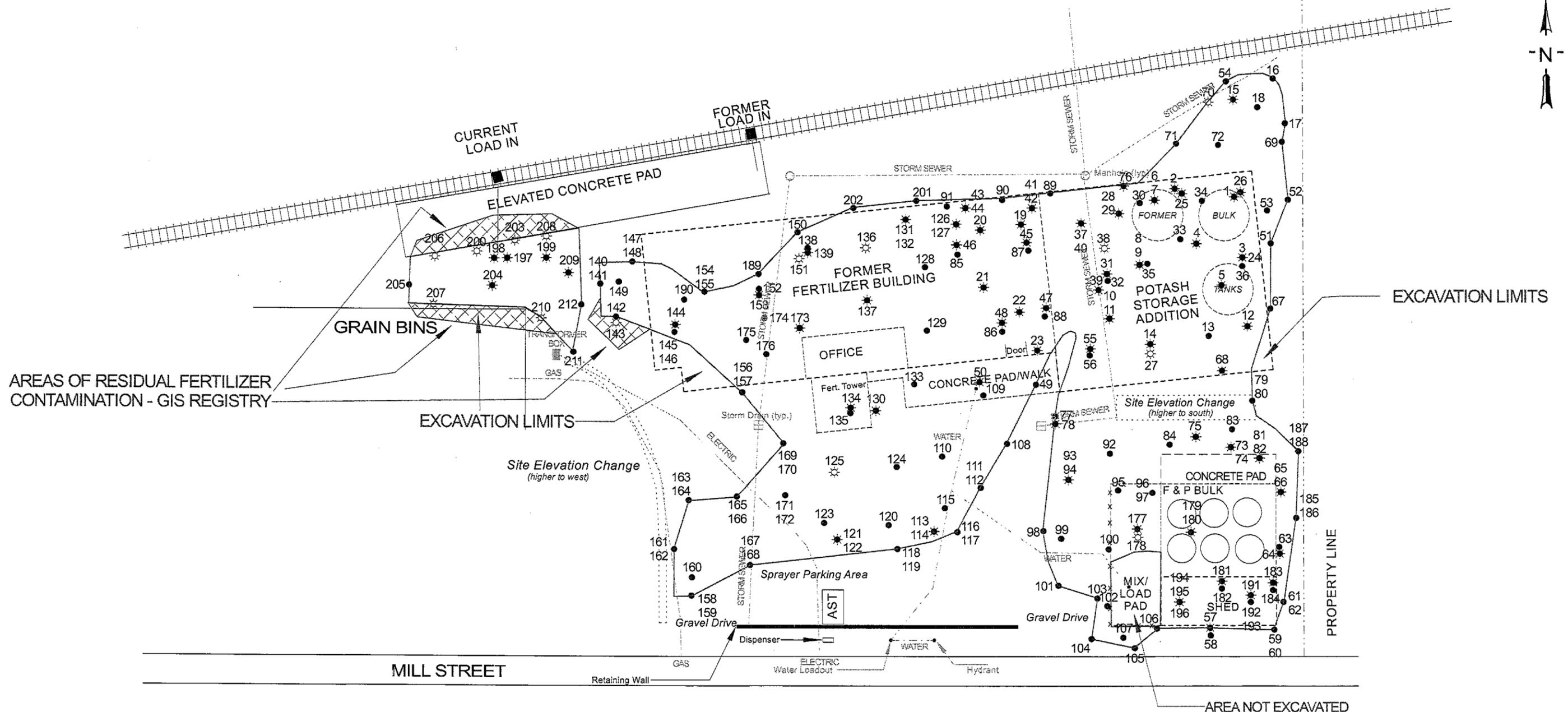
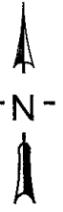
LEGEND

MW-1

- MONITORING WELL LOCATION & IDENTIFICATION
- GEOPROBE BORING LOCATION
- TEMPORARY WELL LOCATION



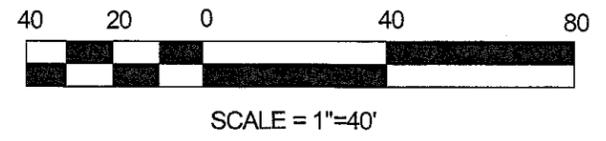
TITLE: DETAILED SITE MAP		ALPHA TERRA SCIENCE	
SITE: Cooperative Plus, Union Grove, WI		DATE: 6/28/07	
SCALE: 1"=40'	ATS PROJECT NUMBER: CPI 2000-02	DWG #... remsitemap.skf	
REV:	DATE:	DESCRIPTION:	APPVD.: DRAWN BY: AH
			FIGURE 2



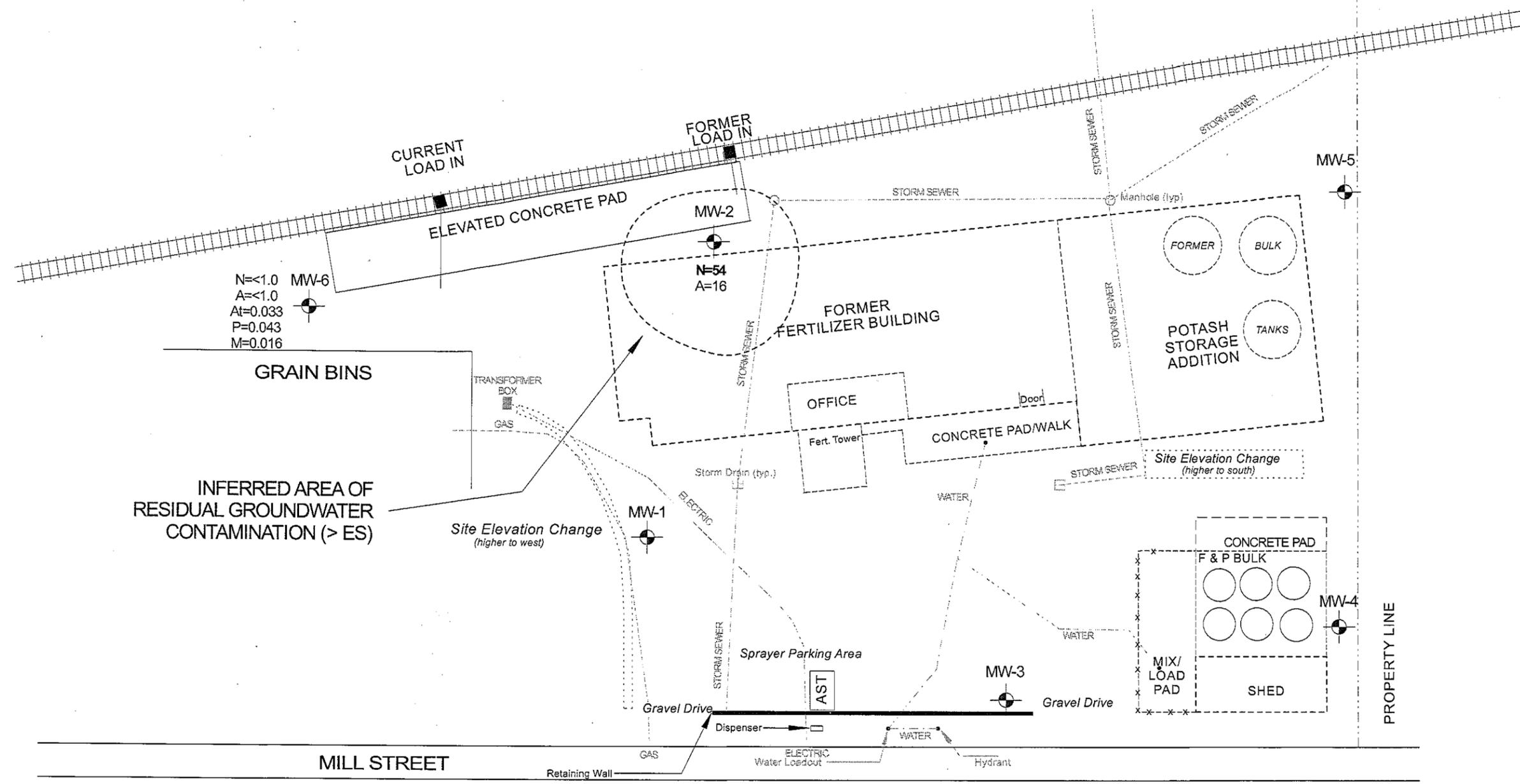
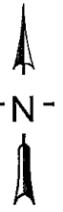
LEGEND

AREA OF RESIDUAL SOIL CONTAMINATION - GIS REGISTRY REQUIRED

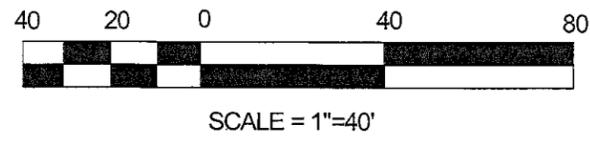
- SOIL SAMPLE LOCATION - TOTAL NITROGEN ≤100 PPM
TOTAL PESTICIDES <1 PPM
- * SOIL SAMPLE LOCATION - TOTAL NITROGEN >100 PPM
TOTAL PESTICIDES >1 PPM - EXCAVATED
- ☼ SOIL SAMPLE LOCATION - TOTAL NITROGEN >100 PPM
TOTAL PESTICIDES >1 PPM - REMAINS



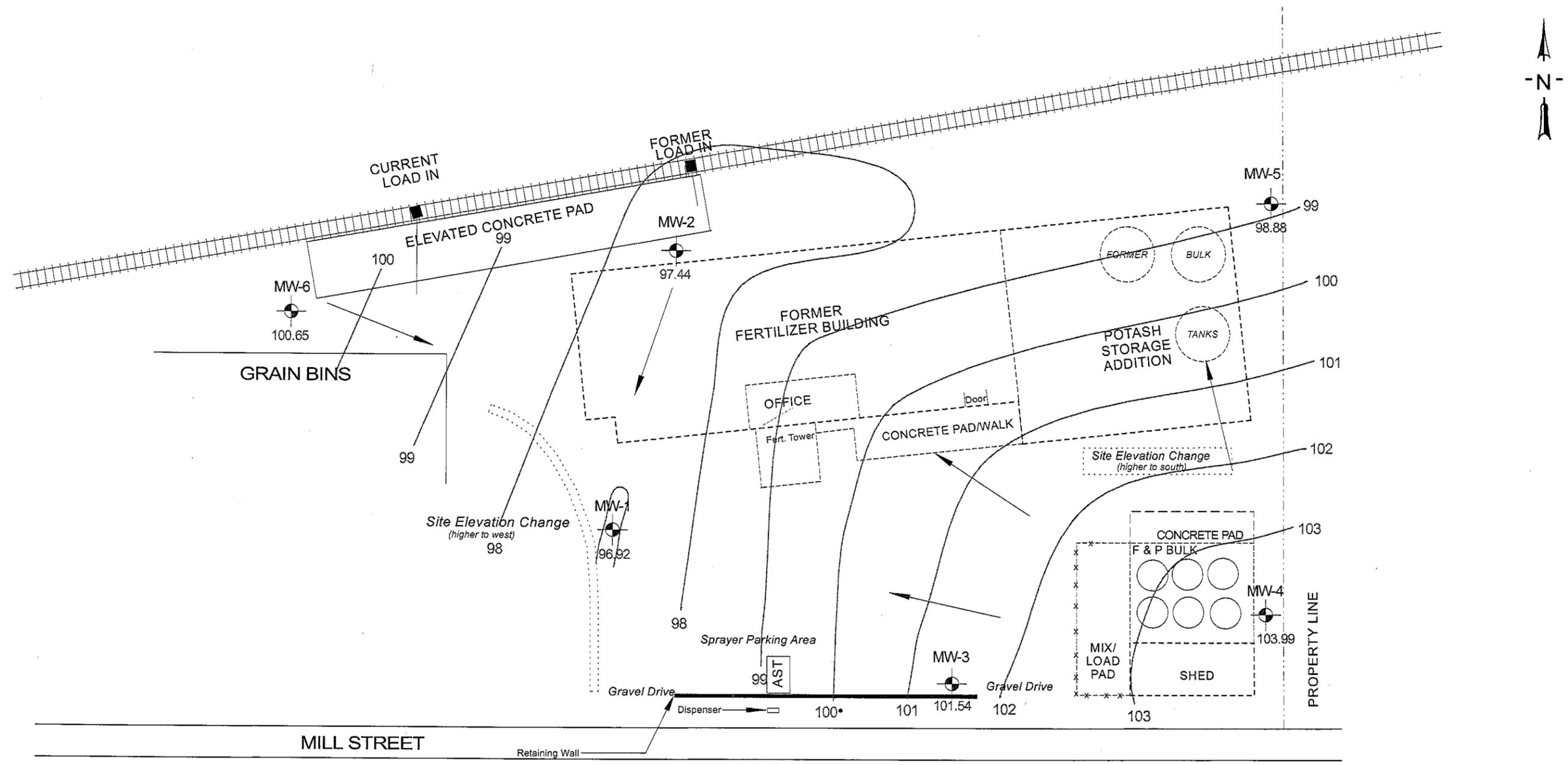
TITLE: AREAS OF RESIDUAL SOIL CONTAMINATION (VADOSE ZONE)		 ALPHA TERRA SCIENCE	
SITE: Cooperative Plus, Union Grove, WI		DATE: 6/28/07	
SCALE: 1"=40'	ATS PROJECT NUMBER: CPI 2000-02	DWG #... remsitemap.skf	
REV:	DATE:	DESCRIPTION:	APPVD.: DRAWN BY: AH
			FIGURE 4



LEGEND	
MW-1	MONITORING WELL LOCATION & IDENTIFICATION
N=66	NITRATE/NITRITE CONCENTRATION (mg/kg)
A=17	AMMONIA CONCENTRATION (mg/kg)
At=0.09	ATRAZINE CONCENTRATION (ug/l)
P=0.45	PROMETON CONCENTRATION (ug/l)
M=0.04	METOLACHLOR CONCENTRATION (ug/l)
	BOLD INDICATES EXCEEDANCE OF NR 141.10 ES



TITLE: GROUNDWATER ANALYTICAL RESULTS OCTOBER 30, 2008			
SITE: Cooperative Plus, Union Grove, WI			
SCALE: 1"=40'	ATS PROJECT NUMBER: CPI 2000-02	DATE: 6/28/07	DWG #: remsitemap.skf
REV:	DATE:	DESCRIPTION:	APPVD:
			DRAWN BY: AH
			FIGURE 5

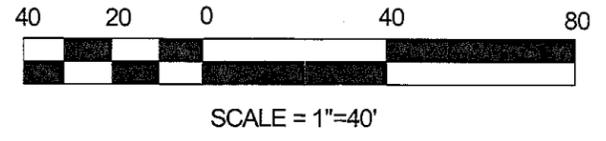


LEGEND

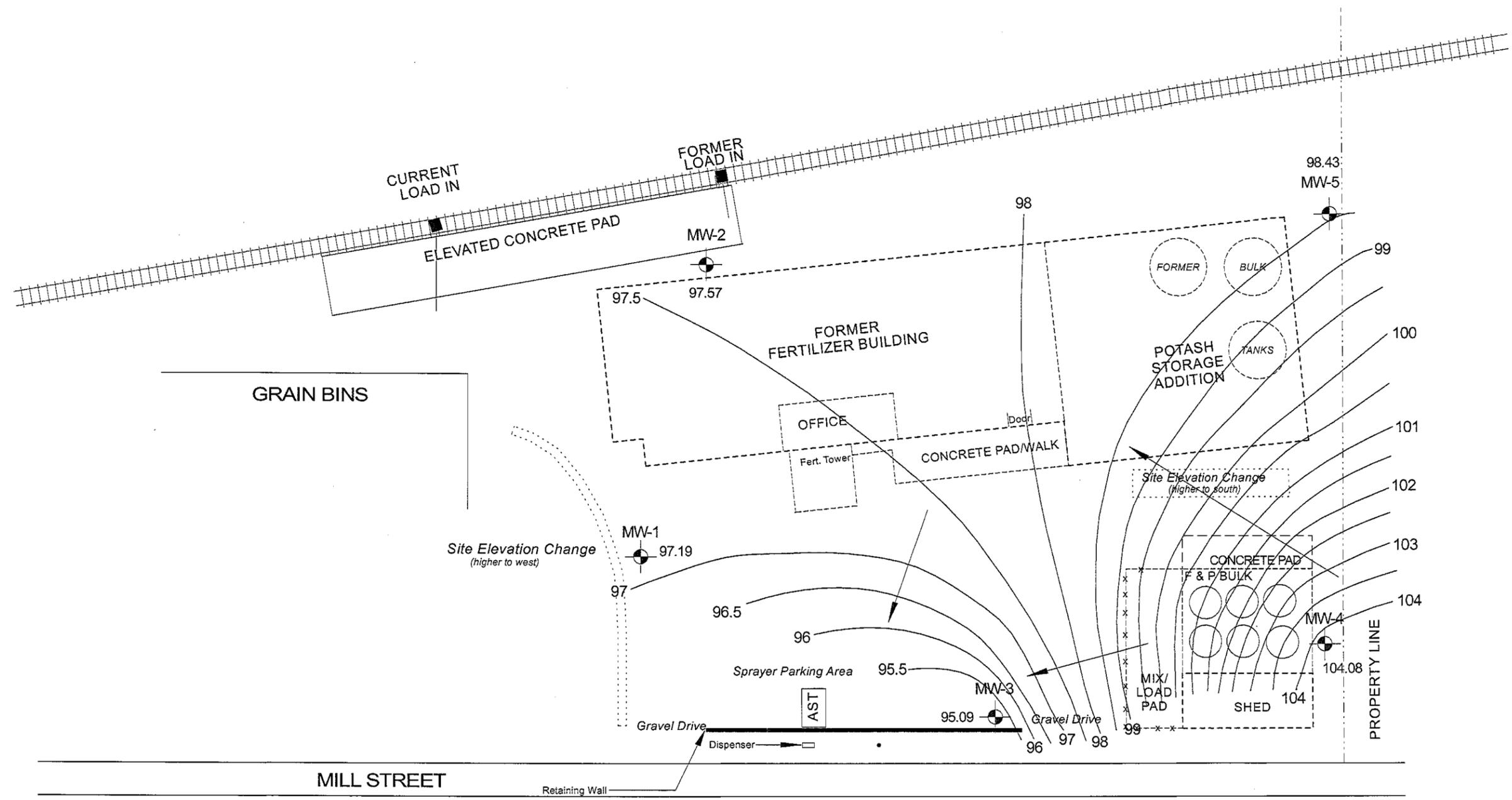
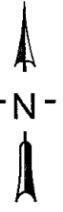
MW-1
 MONITORING WELL LOCATION & IDENTIFICATION

97.31 GROUNDWATER ELEVATION

 GROUNDWATER FLOW DIRECTION



TITLE: GROUNDWATER CONTOUR MAP OCTOBER 30, 2008		 ALPHA TERRA SCIENCE	
SITE: Cooperative Plus, Union Grove, WI			
SCALE: 1"=40'	ATS PROJECT NUMBER: CPI 2000-02	DATE: 6/28/07	DWG #... remsitemap.skf
REV:	DATE:	DESCRIPTION:	APPVD.: DRAWN BY: AH
			FIGURE 3

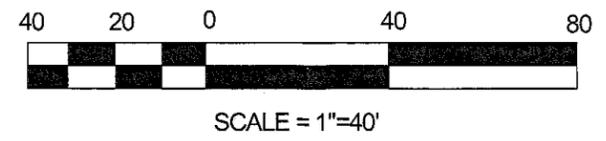


LEGEND

MW-1
 MONITORING WELL LOCATION & IDENTIFICATION

97.31 GROUNDWATER ELEVATION

GROUNDWATER FLOW DIRECTION



TITLE:		GROUNDWATER CONTOUR MAP JUNE 28, 2007		ALPHA TERRA SCIENCE	
SITE:		Cooperative Plus, Union Grove, WI			
SCALE: 1"=40'	ATS PROJECT NUMBER: CPI 2000-02		DATE: 6/28/07	DWG #... remsitemap.skf	
REV:	DATE:	DESCRIPTION:	APPVD.:	DRAWN BY: AH	
				FIGURE 4	

TABLE 3
RESIDUAL SOIL CONTAMINATION - NITROGEN FERTILIZER
 Cooperative Plus, State Street, Union Grove WI

EXTRACTABLE NITROGEN	Reporting Limit mg/kg	Sample ID	143	203	206	207	208	210
		Depth	4'	4'	4'	4'	4'	4'
Ammonia-N	20		130	690	5100	130	200	670
Nitrate/Nitrite-N	20		<20	< 40	< 200	<20	<20	< 80
TOTAL NITROGEN			130	690	5100	130	200	670
PESTICIDES								
EPTC	0.1		<0.1	NR	NR	NR	NR	NR
Butylate	0.1		<0.1	NR	NR	NR	NR	NR
Trifluralin	0.1		<0.1	NR	NR	NR	NR	NR
DEA	0.1		<0.1	NR	NR	NR	NR	NR
DIA	0.1		<0.1	NR	NR	NR	NR	NR
Prometon	0.1		<0.1	NR	NR	NR	NR	NR
Propazine	0.1		<0.1	NR	NR	NR	NR	NR
Atrazine	0.1		<0.1	NR	NR	NR	NR	NR
Simazine	0.1		<0.1	NR	NR	NR	NR	NR
Acetochlor	0.1		<0.1	NR	NR	NR	NR	NR
Dimethenamid	0.1		<0.1	NR	NR	NR	NR	NR
Alachlor	0.1		<0.1	NR	NR	NR	NR	NR
Metribuzin	0.1		<0.1	NR	NR	NR	NR	NR
Metolachlor	0.1		<0.1	NR	NR	NR	NR	NR
Chlorpyrifos	0.1		<0.1	NR	NR	NR	NR	NR
Pendimethalin	0.1		<0.1	NR	NR	NR	NR	NR
Cyanazine	0.1		<0.1	NR	NR	NR	NR	NR
TOTAL PESTICIDES			<0.1	NR	NR	NR	NR	NR

NR = Analysis not requested

BOLD = cleanup goal exceedance (cleanup goal = 100 mg/kg total nitrogen)

TABLE 1
WATER LEVEL DATA
 Cooperative Plus, State Street, Union Grove WI

Well Identification	MW-1	MW-2	MW-3	MW-4
Top of Casing Elevation (ft)	100.68	104.28	105.36	107.52
Ground Surface Elevation (ft)	101.14	102.20	103.59	105.43

Well Identification	MW-5	MW-6
Top of Casing Elevation (ft)	102.20	106.20
Ground Surface Elevation (ft)	100.15	103.72

Date	MW-1			MW-2		
	Depth to Water from Casing Top (ft)	Depth to Water from Ground Level (ft)	Static Water Level (ft)	Depth to Water from Casing Top (ft)	Depth to Water from Ground Level (ft)	Static Water Level (ft)
7/20/05	12.66	13.12	88.02	16.48	14.40	87.80
8/17/05	6.31	6.77	94.37	13.69	11.61	90.59
11/14/05	3.07	3.53	97.61	7.74	5.66	96.54
3/12/07	3.37	3.83	97.31	6.41	4.33	97.87
6/28/07	3.49	3.95	97.19	6.71	4.63	97.57
7/22/08	3.37	3.83	97.31	6.46	4.38	97.82
10/30/08	3.76	4.22	96.92	6.84	4.76	97.44

Date	MW-3			MW-4		
	Depth to Water from Casing Top (ft)	Depth to Water from Ground Level (ft)	Static Water Level (ft)	Depth to Water from Casing Top (ft)	Depth to Water from Ground Level (ft)	Static Water Level (ft)
7/20/05		DRY WELL		21.28	19.19	86.24
8/17/05	18.35	16.58	87.01	14.97	12.88	92.55
11/14/05	12.71	10.94	92.65	5.69	3.60	101.83
3/12/07	6.67	4.90	98.69	3.34	1.25	104.18
6/28/07	10.27	8.50	95.09	3.45	1.36	104.08
7/22/08	4.63	2.86	100.73	3.03	0.94	104.49
10/30/08	3.82	2.05	101.54	3.53	1.44	103.99

Date	MW-5			MW-6		
	Depth to Water from Casing Top (ft)	Depth to Water from Ground Level (ft)	Static Water Level (ft)	Depth to Water from Casing Top (ft)	Depth to Water from Ground Level (ft)	Static Water Level (ft)
7/20/05	13.04	10.99	89.16			
8/17/05	5.69	3.64	96.51			
11/14/05	4.33	2.28	97.87			
3/12/07	3.23	1.18	98.97			
6/28/07	3.77	1.72	98.43			
6/16/08		NOT MEASURED		4.31	1.83	101.89
7/22/08	3.33	1.28	98.87	4.25	1.77	101.95
10/30/08	3.32	1.27	98.88	5.55	3.07	100.65

NOTE: Survey relative to a site benchmark assigned an elevation of 100

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL DATA
 Cooperative Plus, State Street, Union Grove WI

Sample ID	Date	Static Water Level		Nitrate/nitrite	Ammonia	EPTC	Butylate	Trifluralin	DEA	DIA	Atrazine	Total Atrazin	Prometon	Propazine	Sifmazine	Acetochlor	Dimethenam	Alachlor	Metribuzin	Metolachlor	Chlorpyrifos	Pendimethal	Cyanazine
		units	ft	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-1	8/17/05		94.37	<1.0	<1.0	<0.056	<0.064	<0.041	<0.069	<0.086	<0.025	0.00	<0.040	<0.026	<0.051	<0.054	<0.019	<0.036	<0.026	<0.026	<0.058	<0.031	<0.064
MW-1	11/14/05		97.61	<1.0	<1.0	<0.057	<0.066	<0.042	<0.072	<0.089	<0.026	0.00	<0.041	<0.027	<0.053	<0.056	<0.020	<0.037	<0.027	<0.027	<0.060	<0.032	<0.066
MW-1	3/20/07		97.31	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	6/28/07		97.19	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	8/17/05		90.59	90	5.1	<0.056	<0.064	<0.041	<0.069	<0.086	<0.025	0.00	<0.040	<0.026	<0.051	<0.054	<0.019	<0.036	<0.026	<0.026	<0.058	<0.031	<0.064
MW-2 Dup.	8/17/05		90.59	90	5.0	<0.060	<0.069	<0.044	<0.075	<0.093	<0.027	0.00	<0.043	<0.028	<0.055	<0.058	<0.021	<0.039	<0.028	<0.028	<0.063	<0.033	<0.069
MW-2	11/14/05		96.54	90	12	<0.058	<0.066	<0.042	<0.072	<0.089	<0.026	0.00	<0.041	<0.027	<0.053	<0.056	<0.020	<0.038	<0.027	<0.027	<0.061	<0.032	<0.066
MW-2 Dup.	11/14/05		96.54	89	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	3/20/07		97.87	66	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	6/28/07		97.57	66	17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	7/22/08		97.82	54	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	10/30/08		97.44	54	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	8/17/05		87.01	<1.0	<1.0	<0.056	<0.064	<0.041	<0.069	<0.086	<0.025	0.00	<0.040	<0.026	<0.051	<0.054	<0.019	<0.036	<0.026	<0.026	<0.058	<0.031	<0.064
MW-3	11/14/05		92.65	<1.0	<1.0	<0.057	<0.066	<0.042	<0.072	<0.089	<0.026	0.00	<0.041	<0.027	<0.052	<0.055	<0.020	<0.037	<0.027	<0.027	<0.060	<0.031	<0.066
MW-3	3/20/07		98.69	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	6/28/07		95.09	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	8/17/05		92.55	<1.0	<1.0	<0.056	<0.064	<0.041	<0.069	<0.086	<0.025	0.00	<0.040	<0.026	<0.051	<0.054	<0.019	<0.036	<0.026	<0.026	<0.058	<0.031	<0.064
MW-4	11/14/05		101.83	<1.0	<1.0	<0.059	<0.068	<0.043	<0.074	<0.092	<0.027	0.00	<0.042	<0.028	<0.054	<0.057	<0.021	<0.038	<0.028	<0.028	<0.062	<0.033	<0.068
MW-4	3/20/07		104.18	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	6/28/07		104.08	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	8/17/05		96.51	<1.0	<1.0	<0.056	<0.064	<0.041	<0.069	<0.086	<0.025	0.00	<0.040	<0.026	<0.051	<0.054	<0.019	<0.036	<0.026	<0.026	<0.058	<0.031	<0.064
MW-5	11/14/05		97.87	<1.0	<1.0	<0.057	<0.066	<0.042	<0.072	<0.089	<0.026	0.00	<0.041	<0.027	<0.053	<0.056	<0.020	<0.037	<0.027	<0.027	<0.060	<0.032	<0.066
MW-5 Dup.	11/14/05		97.87	NA	NA	<0.057	<0.066	<0.042	<0.071	<0.089	<0.026	0.00	<0.041	<0.027	<0.052	<0.055	<0.020	<0.037	<0.027	<0.027	<0.060	<0.031	<0.066
MW-5	3/20/07		98.97	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	6/28/07		98.43	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	7/22/08		101.95	<1.0	<1.0	<0.025	<0.038	<0.023	0.049	0.041	<0.019	0.090	0.45	<0.036	<0.038	<0.031	<0.018	<0.083	<0.038	0.043	<0.030	<0.027	<0.056
MW-6	10/30/08		100.65	<1.0	<1.0	<0.026	<0.039	<0.024	0.033	<0.043	<0.020	0.033	0.31	<0.037	<0.039	<0.032	<0.018	<0.085	<0.039	0.077	<0.031	<0.028	<0.058
NR 140 Preventive Action Limit				2	NS	60	6.7	0.75	NS	NS	NS	0.3	18	NS	0.4	NS	NS	0.2	50	1.5	NS	NS	0.1
NR 140 Enforcement Standard				10	NS	250	67	7.5	NS	NS	NS	3	90	NS	4	NS	NS	2	250	15	NS	NS	1

Notes: NA= Not analyzed for parameter ND= Not Detected NS= No groundwater standard established
BOLD indicates exceedance of NR 140.10 Enforcement Standard
 Soil remediation was completed in November of 2002



Alpha Terra Science, Inc.
1237 Pilgrim Road, Plymouth, WI 53073
TEL 920/892-2444 FAX 920/892-2620

March 17, 2009

Mr. John Giebenhain
Environmental Engineer
Canadian Pacific Railway
501 Marquette Ave S, Suite 1525
Minneapolis, MN 55402

RE: Residual Contamination in Railroad Right-of-Way, Union Grove, Wisconsin

Dear Mr. Giebenhain:

I am writing on behalf of our client, Cooperative Plus, Inc., as groundwater contamination that appears to have originated on the Cooperative Plus property located at 1007 State Street, Union Grove, WI, USA, has migrated onto the railroad right of way directly north of their property.

County: Racine County, Wisconsin (USA)
Canadian Pacific Railway (see attached plat map)
Site Name: Farmers Grain & Supply - Union Grove
Site Address: 1007 State Street, Union Grove, WI
DATCP Case #: 98414042302

Responsible Party and Contact: Cooperative Plus, Inc, P. O. Box 220, Burlington, WI 53105-0220. Phone 920/923-7960. Contact: Brad Gjermo, CEO
E-mail bgjermo@cooperativeplus.com.

Consulting Firm and Contact: Alpha Terra Science, 1237 Pilgrim Road, Plymouth, WI 53073.
Phone: 920/892-2444. Fax: 920/892-2620. Contact: Amy Haak
E-mail amyhaak@alphaterra.net.

Soil remediation was conducted at the site in 2003 followed by four years of groundwater monitoring. Residual soil contamination does not extend into the railroad corridor. An area of groundwater contamination has been identified extending to the north from the Coop Plus property, intersecting the right-of-way area (Figure 5). Nitrate/nitrite contamination is present in the groundwater at concentrations of 54 mg/l. This concentration is in excess of the Wisconsin Administrative Code NR 140.10 enforcement standard of 10 mg/l for this compound. Depth to groundwater is 2 to 5 feet below grade at the site, although much of the right-of-way area is several feet above the grade of the Coop Plus property.

Mr. John Giebenhain

March 17, 2009

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The groundwater contaminant plume is stable or receding and will naturally degrade over time. I believe 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, Wisconsin Administrative Code. The Department of Agriculture, Trade and Consumer Protection is currently considering natural attenuation as the final remedy for this site as part of case closure review. Closure means that the Department will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

If you need more information, please do not hesitate to contact me.

Sincerely,

Amy Haak

Amy Haak, P, G.
Geologist

attachments

cc: Mr. Brad Gjermo, Cooperative Plus, Inc.