

**GIS REGISTRY INFORMATION**

**SITE NAME:** Larsen Cooperative Co - Readfield

**BRRTS #:** 02-69-547035 **FID # (if appropriate):** 369000060

**DATCP # (if appropriate):** 405091901

**CLOSURE DATE:** 06/04/2007

**STREET ADDRESS:** E9160 Mill Rd

**CITY:** Caledonia

**SOURCE PROPERTY GPS COORDINATES** (meters in WTM91 projection): X= 618298 Y= 424550

**CONTAMINATED MEDIA:** Groundwater  Soil  Both

**OFF-SOURCE GW CONTAMINATION >ES:**  Yes  No

**IF YES, STREET ADDRESS 1:** \_\_\_\_\_

**GPS COORDINATES** (meters in WTM91 projection): X= \_\_\_\_\_ Y= \_\_\_\_\_

**OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):**  Yes  No

**IF YES, STREET ADDRESS 1:** \_\_\_\_\_

**GPS COORDINATES** (meters in WTM91 projection): X= \_\_\_\_\_ Y= \_\_\_\_\_

**CONTAMINATION IN RIGHT OF WAY:**  Yes  No

**DOCUMENTS NEEDED:**

Closure Letter, and any conditional closure letter or denial letter issued	x
Copy of any maintenance plan referenced in the final closure letter.	NA
Copy of (soil or land use) deed notice <i>if any required as a condition of closure</i>	x
Copy of most recent deed, including legal description, for all affected properties	x
<b>Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties</b>	x
<b>County Parcel ID number, if used for county, for all affected properties</b> Parcel ID: 02 14 71 1	x
<b>Location Map</b> which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.	x
<b>Detailed Site Map(s) for all affected properties</b> , showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.	x
<b>Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)</b>	x
<b>Tables of Latest Soil Analytical Results (no shading or cross-hatching)</b>	x
<b>Isoconcentration map(s), if required for site investigation (SI)</b> (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map.	x
<b>GW: Table of water level elevations, with sampling dates, and free product noted if present</b>	x
<b>GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)</b>	x
<b>SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour</b>	x
<b>Geologic cross-sections, if required for SI.</b> (8.5x14" if paper copy)	x
<b>RP certified statement that legal descriptions are complete and accurate</b>	x
<b>Copies of off-source notification letters (if applicable)</b>	x
<b>Letter informing ROW owner of residual contamination (if applicable)</b> (public, highway or railroad ROW)	x

02-69-547035



State of Wisconsin  
Jim Doyle, Governor

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

June 4, 2007

Mr. LeRoy Peterson  
Larsen Cooperative  
PO Box 308  
New London, WI 54961



Re: Final Case Closure  
Larsen Cooperative, Inc., Readfield Facility  
DATCP Case #00405091901

Dear Mr. Peterson:

My receipt of the well abandonment forms and the completed GIS Registry Packet fulfills the conditions for closure of the cleanup case referenced above. The case is now listed as "closed" as of June 5, 2007, on the DATCP database.

The site will be listed on the DNR's GIS Registry of closed remediation sites. I will forward the information submitted with your closure request, and a copy of this letter, to DNR for posting on the registry. To review the sites on the registry and to see when your site is listed visit the registry web page at: <http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm>

This case may be reopened (*pursuant to NR 726.09, Wis. Adm. Code*) if additional information indicates that contamination from the site poses a threat to public health, safety or welfare, or the environment.

If the case is re-opened and additional work is required, Agricultural Chemical Cleanup Program (ACCP) reimbursement dollars 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.

If you have any questions, please call me at (608) 224-4515.

Sincerely,

Richard C. Graham, P.G.

C. Brian Hegge, MSA

548767  
DOCUMENT NO.

STATE BAR OF WISCONSIN FORM 2 - 1982  
WARRANTY DEED

VOL 840 PAGE 434

Ronald E. Johnson and Christine M. Johnson,  
husband and wife  
conveys and warrants to Larsen Cooperative, a Wisconsin  
Corporation

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

TRANSFER FEE  
PAID IN FULL  
270.00

REGISTER'S OFFICE  
WAUPACA COUNTY WI  
RECEIVED FOR RECORD

AUG 15 1996

At 2:02 o'clock P.M. and Recorded  
In Vol. 840 Page 434  
Manske Law Office Register

THIS SPACE RESERVED FOR RECORDING DATA

NAME AND RETURN ADDRESS  
MANSKE LAW OFFICE  
300 Division Street  
Oshkosh, WI 54901

02-14-71-9 & 71-14  
PARCEL IDENTIFICATION NUMBER

Lots 1 thru 9 in Block 2 of the Plat of North Readfield, Town of Caledonia, Waupaca County, Wisconsin, EXCEPTING THEREFROM a part of Lots 1, 2, and 3 of Block 2 of the Plat of North Readfield lying South of the railroad and described as Lots 1, 2, and 3 of Block 2, located in the Plat of North Readfield on file and of record in the office of the Register of Deeds of Waupaca County, and being that part South of Railroad of the Southwest 1/4 of the Southeast 1/4 of Section 14, Township 21 North, Range 14 East, Town of Caledonia.

This is homestead property.  
(s) (xxx)

Exception to warranties: Subject to easements, covenants and restrictions of record.

Dated this 2nd day of August, A.D., 1996.

(SEAL)  
\_\_\_\_\_  
\_\_\_\_\_  
(SEAL)  
\_\_\_\_\_

Ronald E. Johnson (SEAL)  
Ronald E. Johnson  
Christine M. Johnson (SEAL)  
Christine M. Johnson

AUTHENTICATION

Signature(s) Ronald E. Johnson  
and Christine M. Johnson  
authenticated this 2nd day of August, 1996  
Steven D. Shambeau  
\* Steven D. Shambeau  
TITLE: MEMBER STATE BAR OF WISCONSIN  
(If not authorized by 8706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY  
Attorney Steven D. Shambeau  
Waupaca, WI 54981

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

ACKNOWLEDGMENT

State of Wisconsin, } ss.

County, }  
Personally came before me this \_\_\_\_\_ day of  
\_\_\_\_\_, 19\_\_\_\_, the above named

to me known to be the person \_\_\_\_\_ who executed the foregoing  
instrument and acknowledge the same.

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

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

I HEREBY CERTIFY THAT I HAVE ON THIS 20th DAY OF AUGUST, 1996 MICROPHOTographed THE ABOVE AND FOREGOING DOCUMENTS IN ACCORDANCE WITH AND WITH STANDARDS ESTABLISHED BY S. 889 (b) AND WITH ESTABLISHED PROCEDURES. MERRA WARRAS, MICROFILM TECHNICIAN, WAUPACA COUNTY COURTHOUSE, WAUPACA WI, 54981

D E E D

THIS INDENTURE, made and executed this 14<sup>th</sup> day of November, 1966, by BEATRICE FOODS CO., a Delaware corporation, having its principal executive offices at 120 South LaSalle Street, Chicago, Illinois, duly qualified in the State of Wisconsin, hereby quit claims unto LARSEN COOPERATIVE COMPANY, of Larsen, Wisconsin, the following tract of land in Waupaca County, Wisconsin, for the sum of Ten Dollars (\$10.00) and other good and valuable considerations:

The East Ten and One Half (10-1/2) feet of Lot Ten (10) and Lots Eleven (11) and Twelve (12) of Block One (1), of Plat of North Readfield as recorded in the Office of Registered Deeds of Waupaca County, and being a part of the SW 1/4 of the SE 1/4 of Section 14, Township 21 North of Range 14 East.

IN WITNESS WHEREOF, the said grantor has caused this instrument to be executed by its duly authorized officers, and its corporate seal hereto affixed, all on the day and year first above written.



BEATRICE FOODS CO.

By Paul T. Kessler, Jr.  
Vice President  
Paul T. Kessler, Jr.

ATTEST:

By William G. Mitchell  
Secretary  
WILLIAM G. MITCHELL  
SECRETARY  
BEATRICE FOODS CO.  
CORPORATE SEAL  
DELAWARE

REGISTER'S OFFICE 310589  
Waupaca County, Wis.  
RECEIVED FOR RECORD

DEC 8 1966

At 10:35 o'clock A.M. and recorded  
in Vol. 380 of Record page 328  
John Brown Register

This indenture, Made this 22 day of May, A. D., 1958, between John F. Schneider and Emma Schneider, his wife, and Gordon Schneider and Ruby Mae Schneider, his wife,

Larsen Cooperative Company part ies of the first part, and a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Larsen Wisconsin, party of the second part.

In witness That the said part ies of the first part, for and in consideration of the sum of one dollar and other good and valuable consideration

to them in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, ha VE given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents do give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its successors and assigns forever, the following described real estate, situated in the County of Waupaca and State of Wisconsin, to-wit:

All of Lot Nine (9), Block One (1), Original Plat, North Readfield, a part of that part of the Southwest One-Quarter (SW $\frac{1}{4}$ ) of the Southeast One-Quarter (SE $\frac{1}{4}$ ) lying South of the Wisconsin Central Railroad in Section Fourteen (14), Township Twenty-One (21), Range Fourteen (14), Waupaca County, Wisconsin,

and

The West Three-Fifths (3/5) of Lot Thirteen (13), Block One (1), Plat of North-Readfield, according to the recorded plat thereof.



Together with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining; and all the estate, right, title, interest, claim or demand whatsoever, of the said part ies of the first part, either 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 party of the second part, and to its successors and assigns FOREVER.

And the said John F. Schneider and Emma Schneider, his wife, and Gordon Schneider and Ruby Mae Schneider, his wife, for themselves and their heirs, executors and administrators, do covenant, grant, bargain and agree to and with the said party of the second part, its successors and assigns, that at the time of the ensembling and delivery of these presents they are well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever.

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

In Witness Whereof, the said part ies of the first part ha VE hereunto set their hands and seal s this 22 day of May, A. D., 1958.

SIGNED AND SEALED IN PRESENCE OF

George Peter  
GEORGE PETER

Abraham Sigman  
ABRAHAM SIGMAN

John F. Schneider (SEAL)  
John F. Schneider

Emma Schneider (SEAL)  
Emma Schneider

Gordon Schneider (SEAL)  
Gordon Schneider

Ruby Mae Schneider (SEAL)  
Ruby Mae Schneider

DOCUMENT NO.

404385

STATE BAR OF WISCONSIN — FORM 2  
WARRANTY DEED

THIS SPACE RESERVED FOR RECORDING DATA

REGISTER'S OFFICE

WAUPACA COUNTY, WIS.

RECEIVED FOR RECORD

SEP 21 1981

At 8:00 AM on Sept 21, 1981  
I, Jessa Breier, Register  
of Waupaca County, Wisconsin  
did record this deed in  
Volume 559 of Records on page 579

Ronald E. Johnson and Christine M. Johnson, his wife,

conveys and warrants to Larsen Cooperative Company, a  
Wisconsin Cooperative

for and in consideration of the sum of Ten thousand  
and 00/100 Dollars (\$10,000.00)

RETURN TO

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

--Lots 10, 11, 12 and 21 in Block 2 of the Plat of North  
Readfield.---

Tax Key No. \_\_\_\_\_

This is a correction deed given to correct the description in a deed between the same  
parties, dated 3rd August, 1981, recorded Volume 558 page 493, Waupaca County Records.

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

Exception to warranties: easements and restrictions of record.

FEE EXEMPT

NO. 3

FEE  
3  
EXEMPT

Dated this 20th day of August, 19 81.

\_\_\_\_\_  
(SEAL)

X Ronald E. Johnson (SEAL)  
\* Ronald E. Johnson

\_\_\_\_\_  
(SEAL)

X Christine M. Johnson (SEAL)  
\* Christine M. Johnson

AUTHENTICATION

Signatures authenticated this 20th day of  
August, 19 81

Francis A. Werner  
\* Francis A. Werner

ACKNOWLEDGEMENT

STATE OF WISCONSIN

\_\_\_\_\_  
County. } ss.  
Personally came before me, this \_\_\_\_\_ day of

358494

BY THIS DEED, Ronald E. Johnson and Christine M. Johnson,  
his wife

REGISTER'S OFFICE  
WAUPACA COUNTY, WIS.  
RECEIVED FOR RECORD

AUG 12 1975

Grantor conveys and warrants to Larsen Cooperative, Post Office  
Address - Larsen, Wisconsin

At 8:00 o'clock A.M. and recorded  
In Vol. 481 of Records page 403  
Ruth E. Biering Register

Grantee  
for a valuable consideration of Eight thousand and 00/100 (\$8,000.00)  
Dollars

RETURN TO

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

-----Lots 1, 2, 3, 4, 5, 6, 7 and 8 in Block 1 of the Plat of  
North Readfield, according to the recorded plat thereof, and  
being a part of that part of the Southwest 1/4 of the Southeast 1/4 and the Southeast 1/4  
of the Southwest 1/4 of Section 14, Township 21 North, Range 14 East, lying South of the  
Railway.-----

Tax Key # \_\_\_\_\_  
This is \_\_\_\_\_ homestead property.

~~EXEMPT TO PAY 1975 TAXES~~

TRANSFER FEE  
PAID IN FULL  
8.00

Exception to warranties: easements and restrictions of record.

Executed at New London, Wisconsin this 23rd day of July, 1975.

SIGNED AND SEALED IN PRESENCE OF

Ronald E. Johnson (SEAL)

Ronald E. Johnson

Christine M. Johnson (SEAL)

Christine M. Johnson

\_\_\_\_\_  
(SEAL)

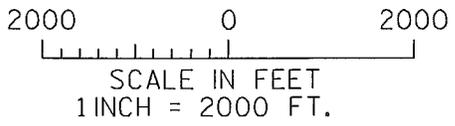
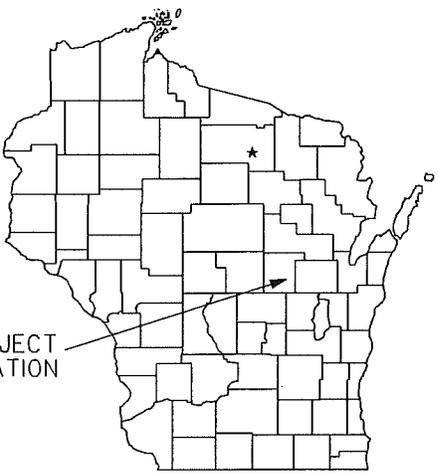
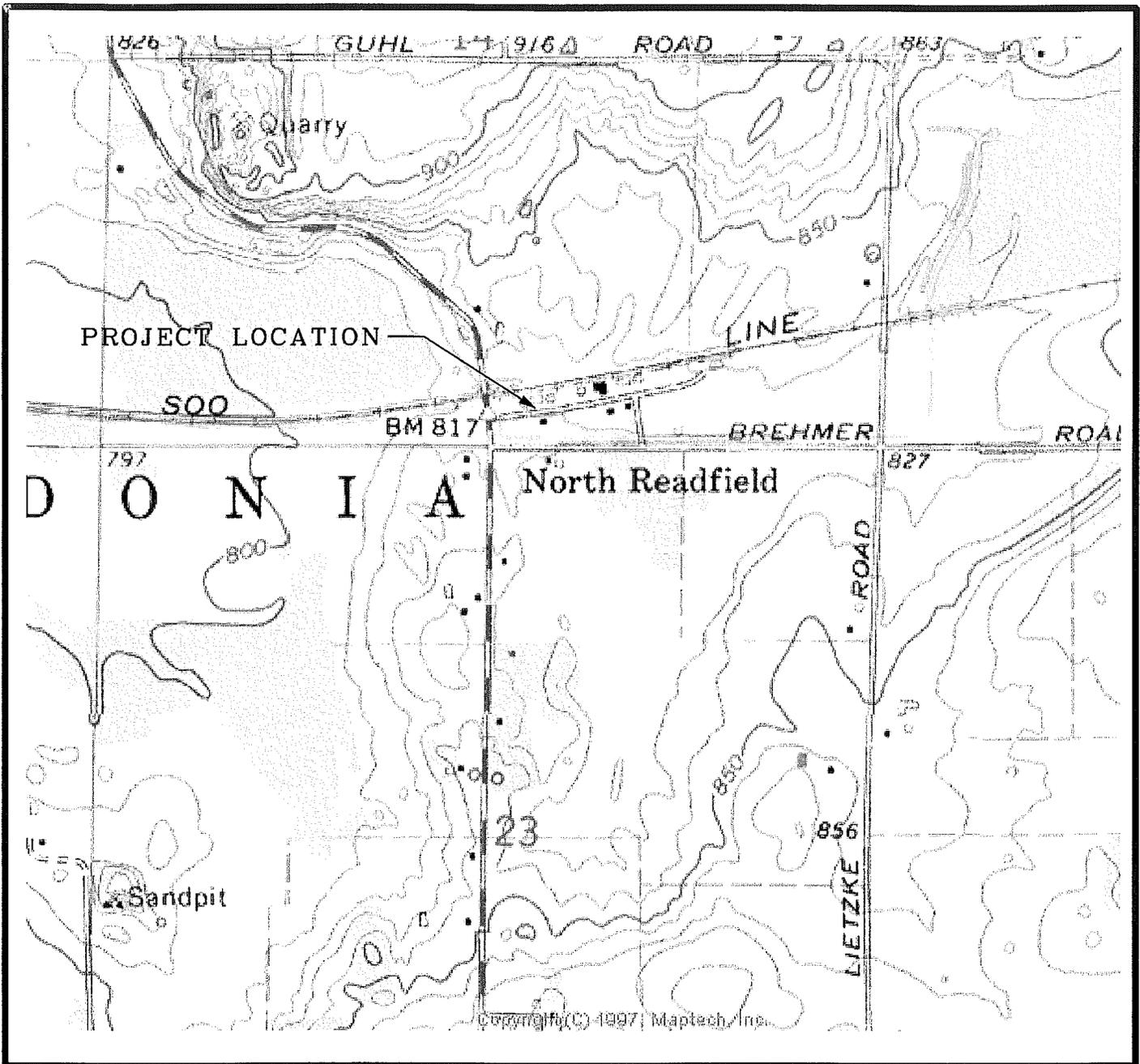
\_\_\_\_\_  
(SEAL)

Francis A. Werner

Ruth Pribbernow  
Ruth Pribbernow

Signatures of \_\_\_\_\_

authenticated this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.



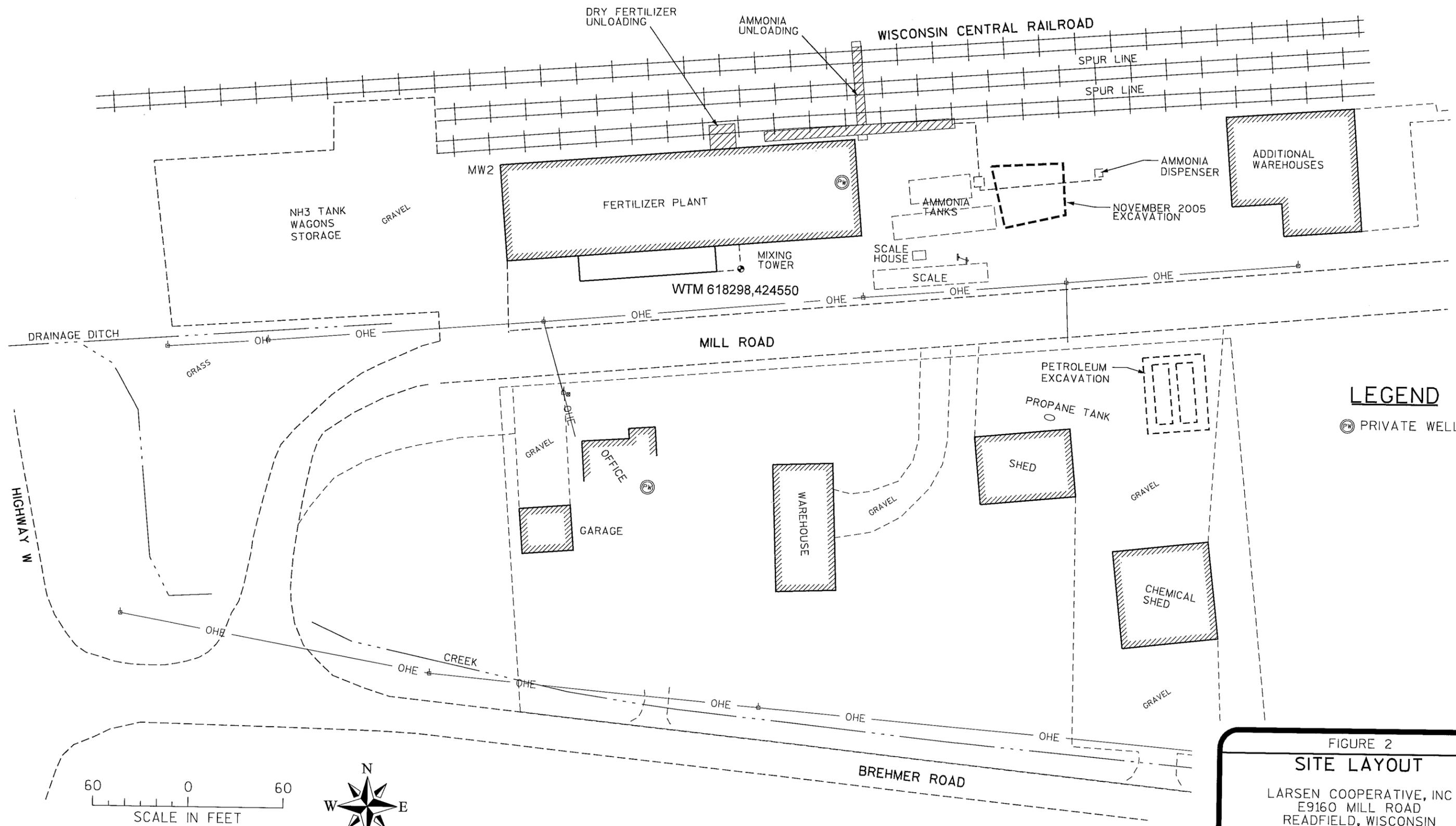
Readfield Quadrangle  
 Wisconsin- Waupaca Co.  
 7.5 Minute Series (Topographic)  
 Contour Interval 10 Feet  
 1983

**FIGURE 1**  
**SITE LOCATION MAP**  
 LARSEN COOPERATIVE, INC  
 READFIELD, WI





Copyright (C) Waupaca County Land Information Office.



**LEGEND**

Ⓜ PRIVATE WELL

FIGURE 2

**SITE LAYOUT**

LARSEN COOPERATIVE, INC  
 E9160 MILL ROAD  
 READFIELD, WISCONSIN



TRANSPORTATION • MUNICIPAL  
 DEVELOPMENT • ENVIRONMENTAL  
 1835 N. Stevens St. Rhinoceros, WI 54501  
 715-362-3244 1-800-844-7854 Fax: 715-362-4116  
 © MSA PROFESSIONAL SERVICES

DRAWN BY	CAR	DATE	11/05	SHEET	..... of .....
CHECKED BY	BH	SCALE	NONE	FILE NO.	212949F2a

**Table 2 - Summary of Grab Groundwater Field Laboratory Sample Results  
Larsen Cooperative, Readfield Facility, Readfield, Wisconsin**

	(mg/L)		8141 Pesticides (ug/L)														
	A m m o n i a - N	N i t r a t e / N i t r i t e - N	E P T C	B u t y l a t e	T r i f l u r a l i n	P r o m e t o n	P r o p a z i n e	A t r a z i n e	S i m a z i n e	A c e t o c h l o r	D i m e t h e n a m i d	A l a c h l o r	M e t r i b u z i n	M e t o l a c h l o r	C h l o r p y r i f o s	P e n d a m e t h a l i n	C y a n a z i n e
NR 140 PAL		2	50	6.7	0.75	18		0.09	0.4			0.2	50	1.5			0.1
NR 140 ES		10	250	67	7.5	90		9	4			2	250	15			1
Method Detection Limit	0.5	1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
GW-1 (GP-1) 07/24/02	12	22	--	--	--	--	--	3.7	--	--	--	--	--	--	--	2.1	--
GW-2 (GP-3) 07/24/02	3.7	2.3	--	--	--	--	--	3.6	--	--	--	--	--	2.5	--	--	--
GW-3 (GP-4) 07/24/02	--	4.7															
GW-4 (GP-7) 07/24/02	1.0	<i>11</i>															
GW-5 (GP-13) 07/24/02	3.9	<i>20</i>															
GW-6 (GP-14) 07/24/02	4.8	<i>13</i>	--	--	--	--	--	--	--	--	--	--	--	5.4	--	--	--

Explanation:

PAL = ch. NR 140 Wis. Adm. Code Preventive Action Limit.

ES = ch. NR 140 Wis. Adm. Code Enforcement Standard.

18 = PAL Exceedance

18 = ES Exceedance

ug/L = microgram per liter

-- = Parameter not detected above Method Detection Limits (MDLs).

J = Concentration estimated, below Practical Quantitation Limit.

Blank = Parameter not analyzed.

**Table 3 - Summary of Groundwater Data  
Larsen Cooperative Readfield Facility, North Readfield, Wisconsin**

	Nitrogen (mg/L)		8141 Pesticides (ug/L)																	Water Elevation (ft MSL)	
	Ammonia-N	Nitrate-N	Acechlor	Atrazine	DEA	DIAA	Alachlor	Butylate	Chlorpyrifos	Cyanazine	Dimethoate	EPIC	Metolachlor	Metribuzin	Pendimethalin	Proflumetone	Propazine	Simazine	Trifluralin		
lab detection limits NR 140 PAL NR 140 ES	2	10	<0.087	<0.037 0.3* 3.0*	<0.054	<0.43	<0.053 0.2 2.0	<0.031 6.7 67	<0.039	<0.034 0.1 1.0	<0.055	<0.029 50 250	<0.21 1.5 15	<0.032 50 250	<0.056 18 90	<0.048	<0.051	<0.067 0.4 4.0	<0.036 0.75 7.5	(ft MSL)	
MW-1																					
06/15/04	19	21	<0.087	0.64	0.45	<0.43	0.66	<0.031	<0.039	<0.034	<0.055	<0.029	0.56	<0.032	<0.056	0.62	<0.051	<0.067	<0.036	808.4	
09/30/04	15	8.3	<0.087	0.74	0.41	<0.43	0.40	<0.031	<0.039	<0.034	<0.055	<0.029	0.71	<0.032	<0.056	0.62	<0.051	<0.067	<0.036	809.80	
09/01/05		2.2																		809.22	
11/07/05	30	6.5																		808.73	
03/24/06	33	7.9																		809.29	
06/12/06	53	3.9																		809.38	
																				808.89	
MW-2																					
06/15/04	3.2	14	<0.087	1.1	0.48	<0.43	<0.053	<0.031	<0.039	<0.034	<0.055	<0.029	<0.21	<0.032	<0.056	0.47	<0.051	<0.067	<0.036	815.5	
09/30/04	5.3	8.7	<0.087	0.86	0.42	<0.43	<0.053	<0.031	<0.039	<0.034	<0.055	<0.029	<0.21	<0.032	<0.056	0.49	<0.051	<0.067	<0.036	814.13	
09/01/05		6.8																		812.74	
11/07/05	4.3	12																		811.93	
03/24/06	2.5	12																		811.94	
06/12/06	1.5	10																		812.22	
																				812.22	
MW-3																					
06/15/04	0.32	57	insufficient water in well for pesticide sample collection																	815.8	
09/30/04	0.32	110	<0.087	0.73	0.33	<0.43	<0.053	<0.031	<0.039	<0.034	0.63	<0.029	<0.21	0.11	1.4	1.1	0.070	<0.067	<0.036	806.43	
09/01/05		59																		806.53	
11/07/05	<0.025	57																		807.15	
03/24/06	<0.025	44																		806.52	
06/12/06			dry well																	806.38	
																				806.05	

**Table 3 - Summary of Groundwater Data  
Larsen Cooperative Readfield Facility, North Readfield, Wisconsin**

	Nitrogen (mg/L)		8141 Pesticides (ug/L)																	Water Elevation (ft MSL)	
	Ammonia-N	Nitrate-N	Acechlorpror	Atrazine	DEA	DIAA	Alachlor	Butylate	Chlorpyrifos	Cyanazine	Dimethoate	EPIC	Metolachlor	Metribuzin	Pendimethalin	Propanil	Propazine	Simazine	Trifluralin		
lab detection limits NR 140 PAL NR 140 ES	2 10		<0.087	<0.037 0.3* 3.0*	<0.054	<0.43	<0.053 0.2 2.0	<0.031 6.7 67	<0.039	<0.034 0.1 1.0	<0.055	<0.029 50 250	<0.21 1.5 15	<0.032 50 250	<0.056	<0.048 18 90	<0.051	<0.067 0.4 4.0	<0.036 0.75 7.5	(ft MSL)	
MW-4																					
	09/01/05	11																			809.9
	11/07/05	<0.025																			811.68
	03/24/06	<0.025																			811.84
	06/12/06	<0.025																			812.16
																					811.91
MW-5																					
	09/01/05	5.1																			803.2
	11/07/05	<0.025																			809.86
	03/24/06	<0.025																			810.56
	06/12/06	0.049																			811.10
																					810.66
*PMW-12																					
	09/01/05	12																			813.74
	11/07/05	<0.025																			813.54
*PMW-31																					
	09/01/05	2.7																			813.13
	11/07/05	0.25																			813.16
Office Well																					
	06/15/04	0.091	18	<0.087	0.22	0.32	<0.43	<0.053	<0.031	<0.039	<0.034	<0.055	<0.029	<0.21	<0.032	<0.056	<0.048	<0.051	<0.067	<0.036	
	09/30/04	<0.025	19	<0.087	0.23	0.32	<0.43	<0.053	<0.031	<0.039	<0.034	<0.055	<0.029	<0.21	<0.032	<0.056	<0.048	<0.051	<0.067	<0.036	
	09/01/05		16																		
	11/07/05	<0.025	15																		
	03/24/06	<0.025	15																		
	06/12/06	0.45	17																		

**Table 1 - Summary of Soil Sampling Field and Laboratory Confirmation Results  
Larsen Cooperative, Readfield Facility, Readfield, Wisconsin**

			Nitrogen (mg/Kg)	
			A m m o n i a - N	N i t r a t e / N i t r i t e -
Method Detection Limit (field)			20	20
Method Detection Limit (lab)			<27	<31
GP-1	07/24/02	0.5-1.5'	26	--
		3-4'	21	--
		5-6'	53	--
GP-2	07/24/02	0.5-1.5'	31	--
		3-4'	160	--
		3-4' (lab)	150	110
		5-6'	770	<160
		7-8'	100	--
GP-3	07/24/02	0.5-1.5'	31	--
		3-4'	24	--
GP-4	07/24/02	0.5-1.5'	--	--
		3-4'	--	--
GP-5	07/24/02	0.5-1.5'	--	--
		3-4'	--	--
GP-6	07/24/02	0.5-1.5'	--	--
		3-4'	31	--
GP-7	07/24/02	0.5-1.5'	--	--
		3-4'	--	--
GP-8	07/24/02	0.5-1.5'	--	--
		3-4'	--	--
GP-9	07/24/02	0.5-1.5'	--	--
		3-4'	--	--
GP-10	07/24/02	0.5-1.5'	32	--
		3-4'	20	--

			Nitrogen (mg/Kg)	
			A m m o n i a - N	N i t r a t e / N i t r i t e -
Method Detection Limit (field)			20	20
Method Detection Limit (lab)			<27	<31
GP-11	07/24/02	0.5-1.5'	45	--
		3-4'	180	--
		3-4' (lab)	250	<30
		5-6'	--	--
GP-12	07/24/02	0.5-1.5'	--	--
		3-4'	--	--
GP-13	07/24/02	0.5-1.5'	--	31
		3-4'	--	100
		3-4' (lab)	<27	110
		5-6'	24	--
GP-14	07/24/02	0.5-1.5'	30	--
		3-4'	210	--
		3-4' (lab)	310	<31
		5-6'	50	--
GP-15	07/24/02	0.5-1.5'	140	--
		0.5-1.5' (lab)	170	36 J
		3-4'	26	--
GP-16	07/24/02	0.5-1.5'	--	--
		3-4'	--	--
GP-17	07/24/02	0.5-1.5'	--	--
		3-4'	--	--
GP-18	07/24/02	0.5-1.5'	--	--
		3-4'	--	--

**Explanation:**

<24 = Less than the field or laboratory MDL listed in the table.

6' (lab) = Sample was analyzed in the laboratory to confirm the field laboratory results.

mg/Kg = milligram per kilogram

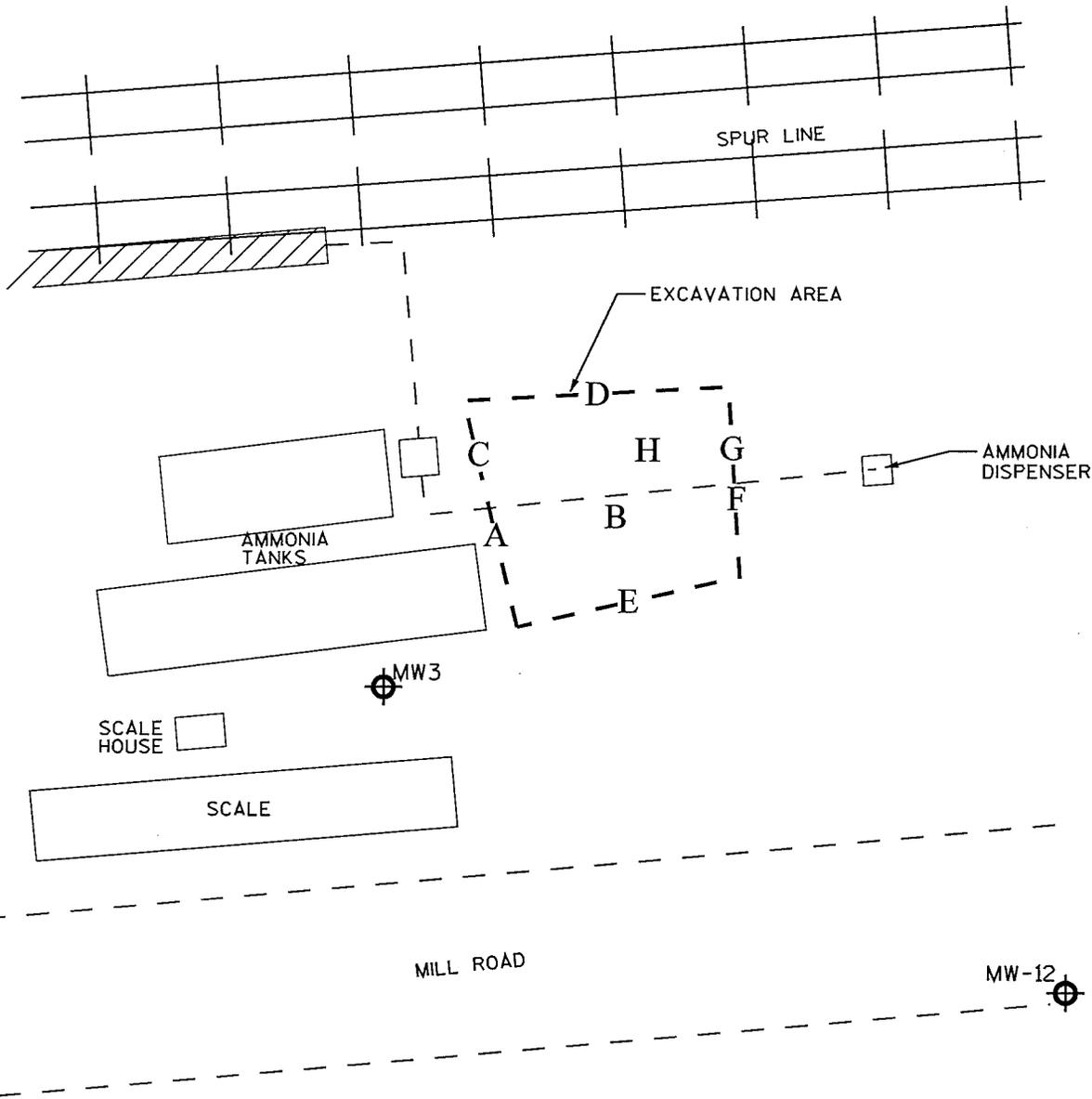
-- = Parameter not detected above Method Detection Limits (MDLs).

J = Parameter estimated, below Practical Quantitation Limit.

**Table 4 - Summary of Nov 2005 Excavation Results  
Larsen Cooperative Readfield Facility**

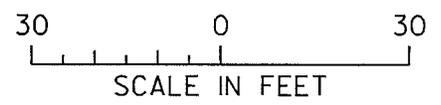
Sample ID	Depth (ft)	Ammonia	NO <sub>2</sub> +NO <sub>3</sub>
November 2005			
A	4	29	21
	8	11	11
B	8	5.1	8.8
C	4	3.9	8.1
	8	2.5	6.9
D	8	2.3	4.6
E	4	2.3	<2.2
	8	2.3	<1.6
F	4	130	6.5
	8	120	<1.8
G	4	<1.9	6.6
	8	2.9	2.4
H	8	<2.1	5.1

NO<sub>2</sub>+NO<sub>3</sub> = Nitrate - Nitrite Nitrogen



**LEGEND**

-  MW3 MONITORING WELL LOCATION
-  E SOIL SAMPLE LOCATION

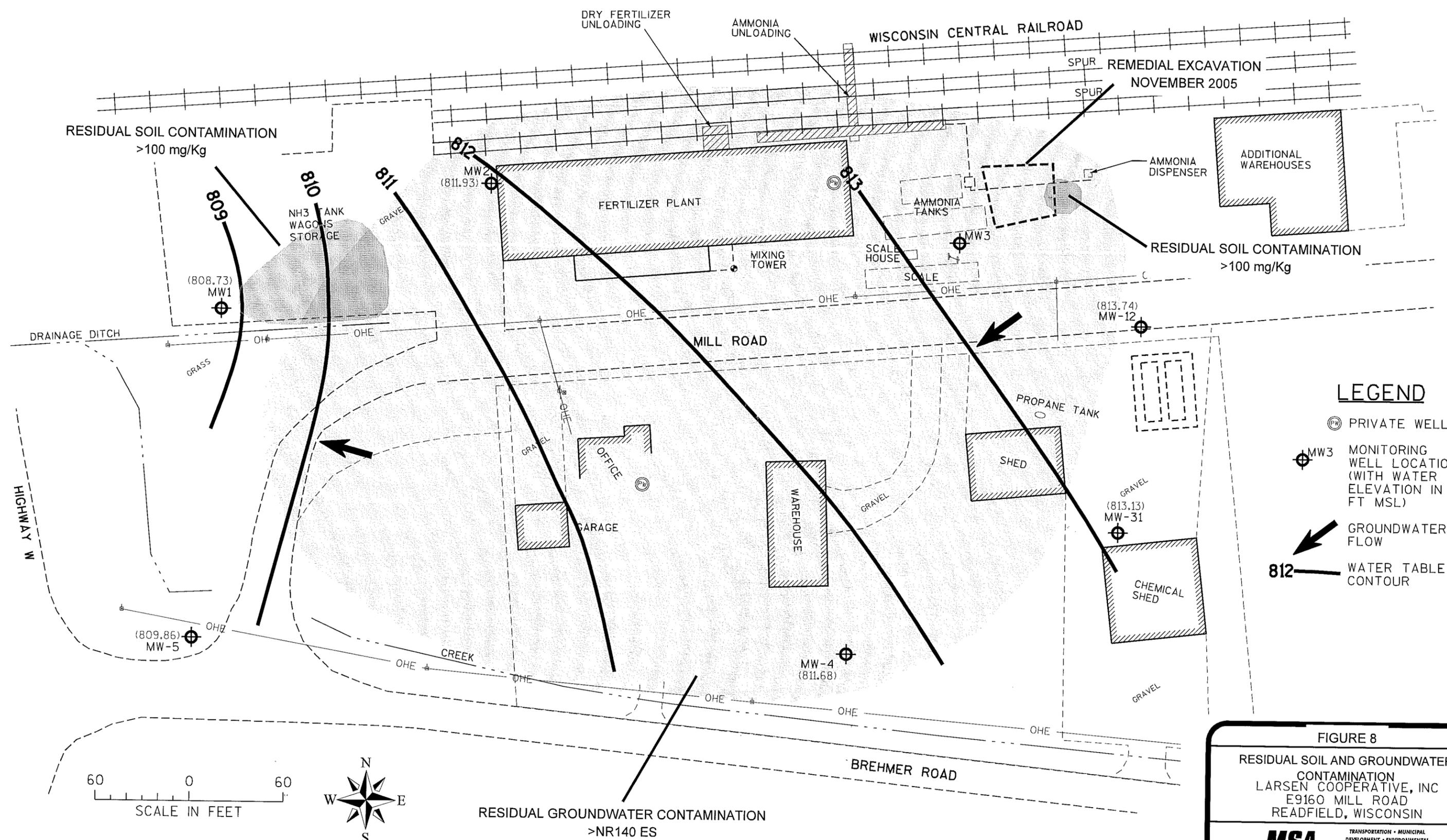


**FIGURE 7**  
**REMEDIATION EXCAVATION**  
**NITROGEN IMPACTED SOIL**  
 LARSEN COOPERATIVE, INC  
 E9160 MILL ROAD  
 READFIELD, WISCONSIN

**MSA**  
 TRANSPORTATION • MUNICIPAL • REMEDIATION  
 DEVELOPMENT • ENVIRONMENTAL  
 300 N. Hannock St., Readfield, VT 05668  
 TEL: 802-888-2400 FAX: 802-888-4000

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**LEGEND**

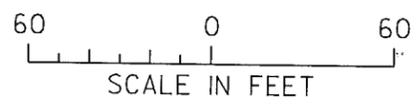
- PRIVATE WELL
- MW3 MONITORING WELL LOCATION (WITH WATER ELEVATION IN FT MSL)
- GROUNDWATER FLOW
- 812 WATER TABLE CONTOUR

**FIGURE 8**

RESIDUAL SOIL AND GROUNDWATER CONTAMINATION  
 LARSEN COOPERATIVE, INC  
 E9160 MILL ROAD  
 READFIELD, WISCONSIN

**MSA**  
 TRANSPORTATION • MUNICIPAL DEVELOPMENT • ENVIRONMENTAL  
 1835 N. Stevens St. Rhinelander, WI 54501  
 715-262-3214 • 800-844-7854 Fax: 715-262-4116  
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RESIDUAL GROUNDWATER CONTAMINATION  
 >NR140 ES

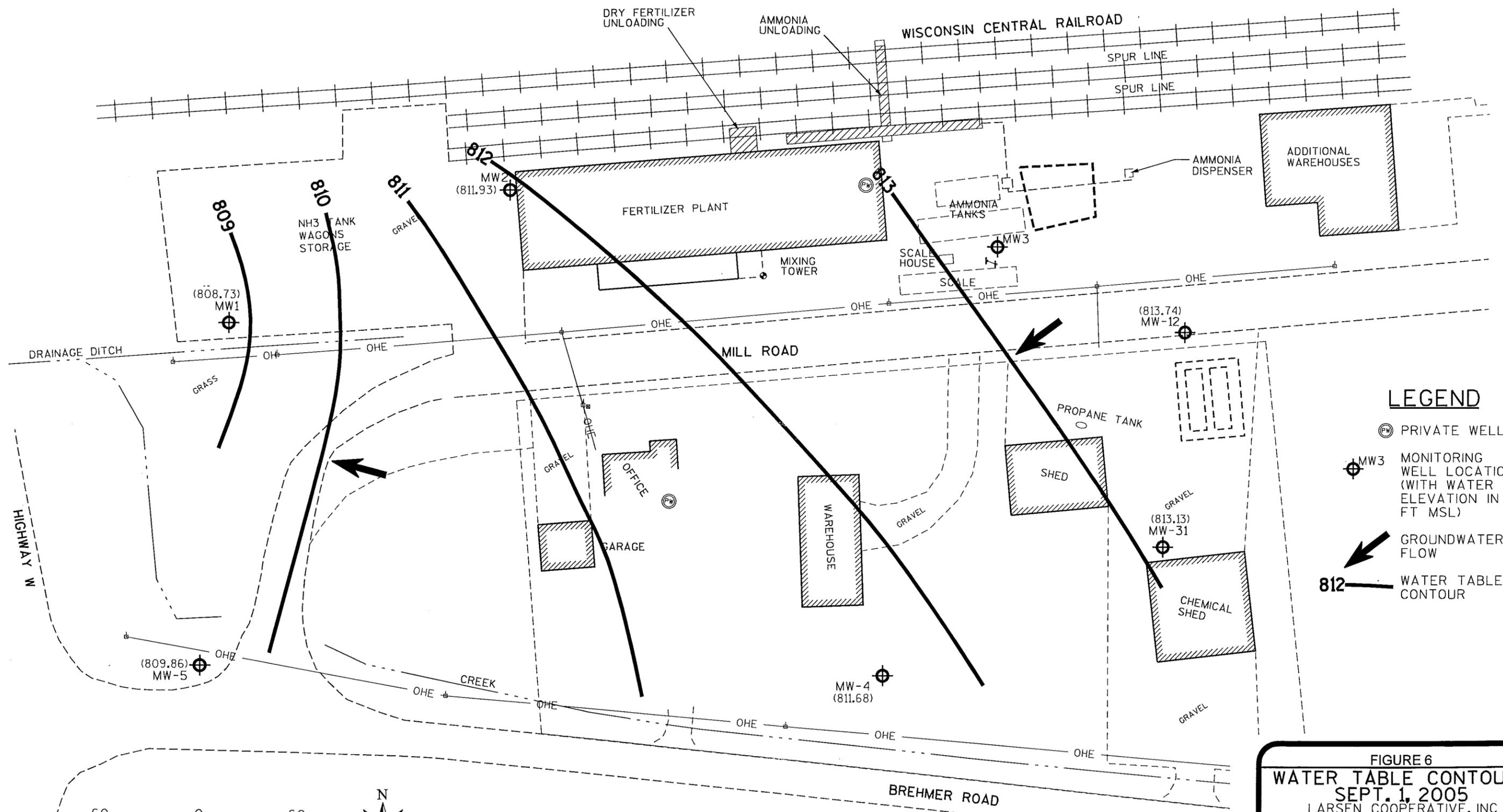
**Table 3 - Summary of Groundwater Data  
Larsen Cooperative Readfield Facility, North Readfield, Wisconsin**

		Nitrogen (mg/L)		8141 Pesticides (ug/L)																Water		
		A m m o n i a - N	N i t r o g e n / N i t r i t e - N	A c e t o c h l o r	A t r a z i n e	D E A	D I A	A l a c h l o r	B u t y l a t e	C h l o r p y r i f o s	C y a n a z i n e	D i m e t h a m i d	E P T C	M e t o l a c h l o r	M e t r i b u z i n	P e n d a m e t h a l i n	P r o m e t o n	P r o p a z i n e	S i m a z i n e	T r i f l u r a l i n	E l e v a t i o n	
lab detection limits				<0.087	<0.037	<0.054	<0.43	<0.053	<0.031	<0.039	<0.034	<0.055	<0.029	<0.21	<0.032	<0.056	<0.048	<0.051	<0.067	<0.036		
NR 140 PAL			2		0.3*			0.2	6.7		0.1		50	1.5	50	18		0.4	0.75		(ft MSL)	
NR 140 ES			10		3.0*			2.0	67		1.0		250	15	250	90		4.0	7.5			
Shop/Plant																						
Well	06/15/04	<0.025	<b>19</b>	<0.087	<i>0.24</i>	<i>0.34</i>	<0.43	<0.053	<0.031	<0.039	<0.034	<0.055	<0.029	<0.21	<0.032	<0.056	<0.048	<0.051	<0.067	<0.036		
	09/30/04	<0.025	<b>16</b>	<0.087	<i>0.24</i>	<i>0.42</i>	<0.43	<0.053	<0.031	<0.039	<0.034	<0.055	<0.029	<0.21	<0.032	<0.056	<0.048	<0.051	<0.067	<0.036		
	09/01/05		<b>17</b>																			
	11/07/05	<0.025	<b>15</b>																			
	03/24/06	<0.025	<b>16</b>																			
	06/12/06	0.17	<b>22</b>																			

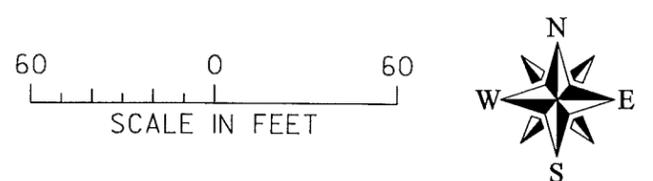
PAL = ch. NR 140 Wis. Adm. Code Preventive Action Limit (italics indicates exceedence)  
 ES = ch. NR 140 Wis. Adm. Code Enforcement Standard (bold indicates exceedence)  
 < x.x = Parameter not detected above Method Detection Limits (MDLs).  
 \* ES and PAL value for Atrazine includes DEA and DIA  
 PMW = Petroleum Monitoring Well from adjacent investigation

Blank = Parameter not analyzed.  
 DIA = Desisopropylatrazine  
 DEA = Desethylatrazine

Benchmark assumed 100 feet MSL



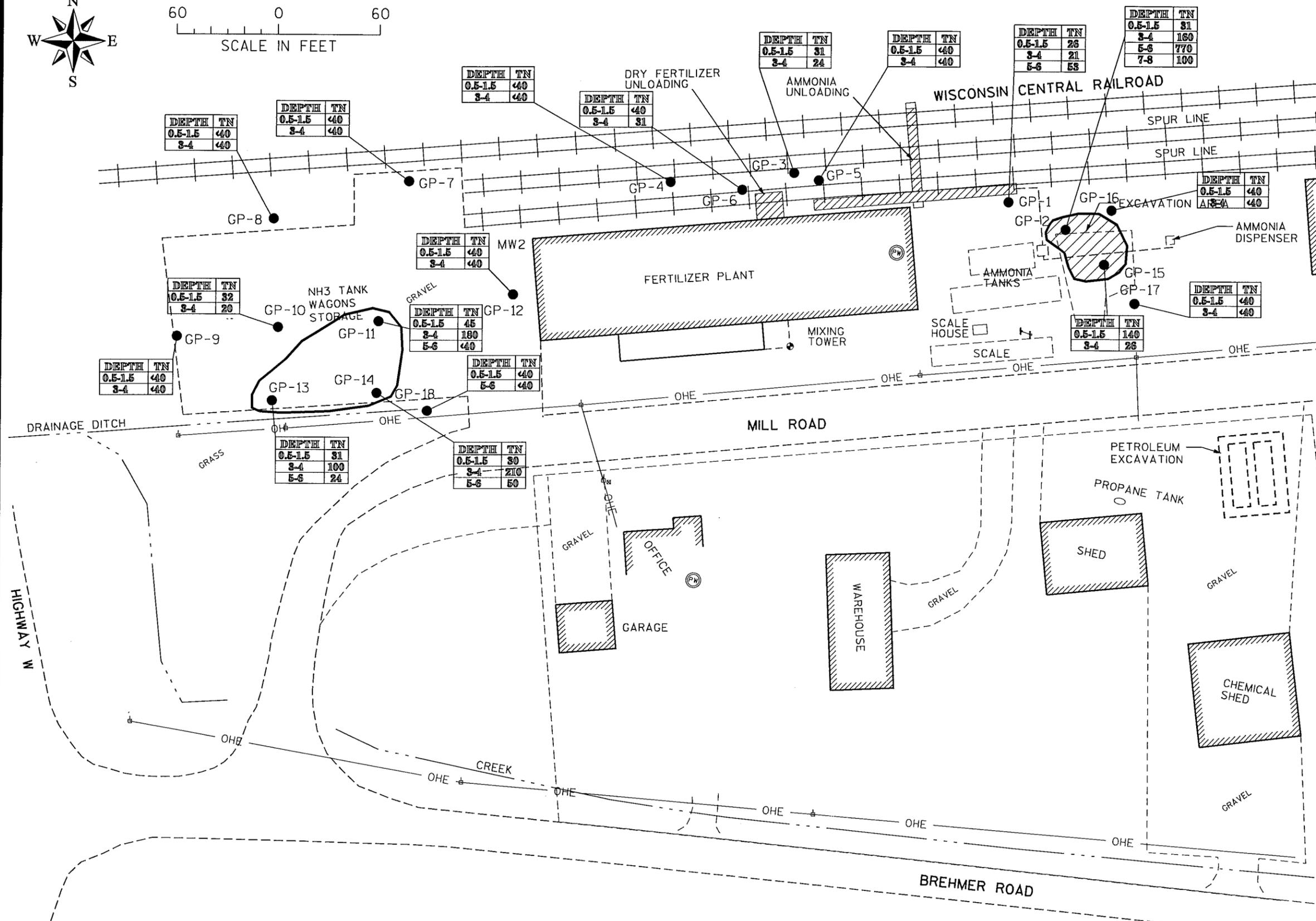
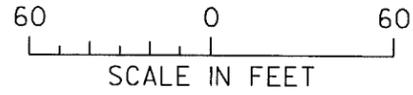
- LEGEND**
- ⊕ PRIVATE WELL
  - ⊕ MW3 MONITORING WELL LOCATION (WITH WATER ELEVATION IN FT MSL)
  - ➔ GROUNDWATER FLOW
  - 812 WATER TABLE CONTOUR



**FIGURE 6**  
**WATER TABLE CONTOURS**  
**SEPT. 1, 2005**  
 LARSEN COOPERATIVE, INC  
 E9160 MILL ROAD  
 READFIELD, WISCONSIN

**MSA**  
 PROFESSIONAL SERVICES  
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 1835 N. Stevens St. Readfield, WI 54991  
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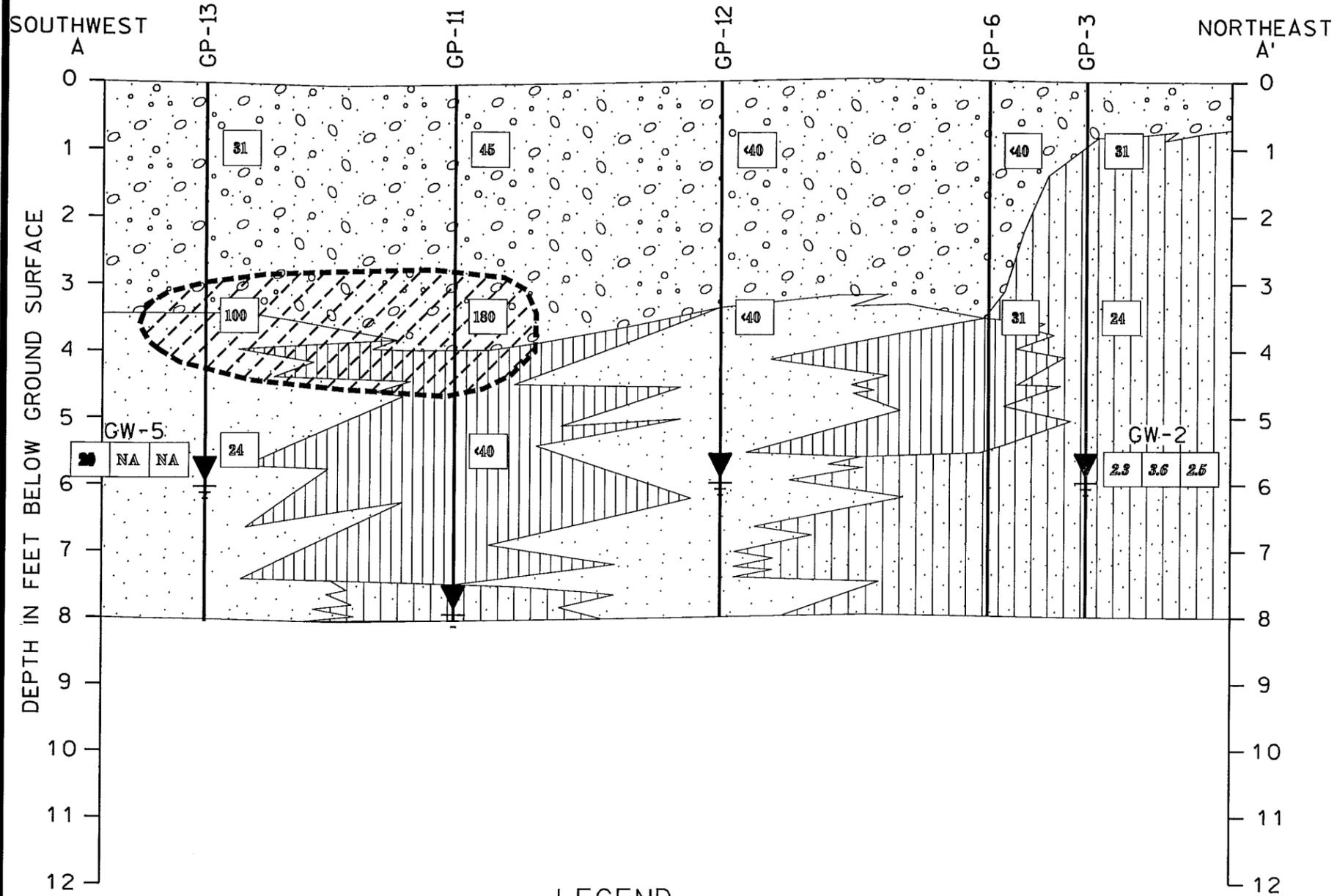
- GP-17 SOIL BORING LOCATION
- TN TOTAL NITROGEN (mg/kg)
- <40 LESS THAN INDICATED DETECTION LIMIT
- ⊗ APPROXIMATE EXTENT OF SOIL >100 mg/kg TOTAL NITROGEN TO BE EXCAVATED
- ⊙ PRIVATE WELL
- APPROXIMATE EXTENT OF SOIL > 100mg/kg TOTAL NITROGEN

FIGURE 3

PRE-REMEDIAL SOIL BORING INFORMATION  
 E9160 MILL ROAD  
 READFIELD, WISCONSIN

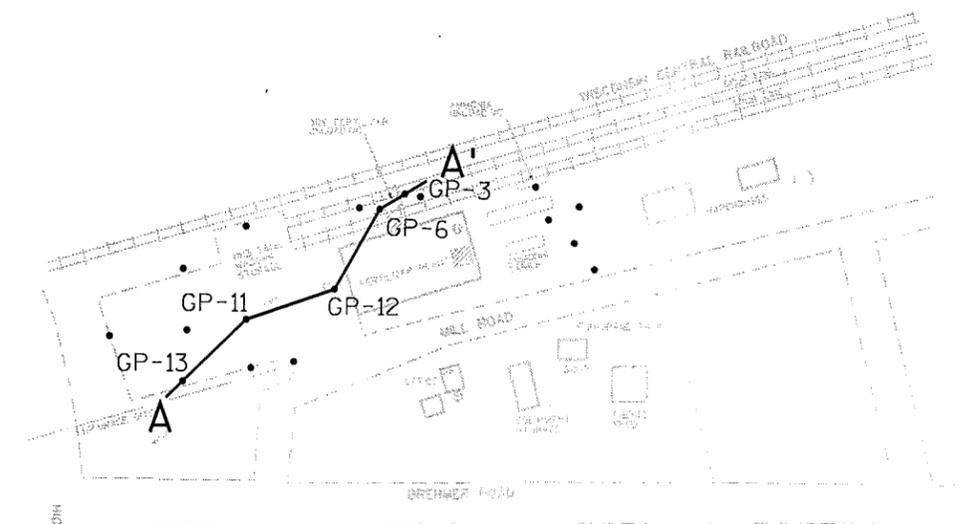
**MSA** PROFESSIONAL SERVICES  
 TRANSPORTATION • MUNICIPAL DEVELOPMENT • ENVIRONMENTAL  
 1635 N. Stevens St., Racine, WI 53401  
 715-942-3244 1-800-844-7154 Fax: 715-942-4116

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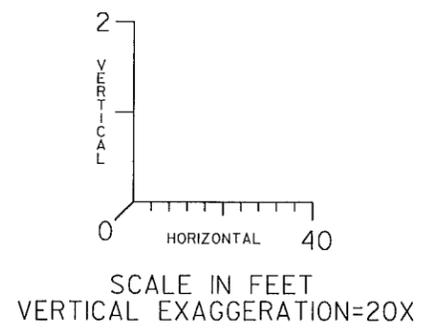


**LEGEND**

- |    |  |  |                                  |   |  |   |
|----|--|--|----------------------------------|---|--|---|
| GW |  | WELL GRADED GRAVELS, SAND-GRAVEL MIXTURE     |                                  | APPROXIMATE LOCATION OF WATER TABLE                                       |  | APPROXIMATE EXTENT OF SOIL >100 mg/kg TOTAL NITROGEN  |
| SP |  | POORLY GRADED SANDS, GRAVELLY SAND           |                                  | 24 TOTAL NITROGEN REPORTED IN mg/kg                                       |  | 40 LESS THAN INDICATED DETECTION LIMIT  |
| SM |  | SILTY SANDS, POORLY GRADED SAND SILT MIXTURE | <b>GW-2</b>                      | GROUNDWATER SAMPLE LOCATION   |  | <b>20</b> BOLD NUMBERS INDICATE THAT THE SAMPLE EXCEEDED THE GROUNDWATER QUALITY ENFORCEMENT STANDARD (ES)              |
| ML |  | INORGANIC SILTS AND VERY FINE SANDS          | <b>2.3</b> <b>3.6</b> <b>2.5</b> | PESTICIDES REPORTED IN ug/L<br>NITRATE/NITRITE<br>ATRAZINE<br>METOLACHLOR |  | <i>2.3</i> ITALICIZED NUMBERS INDICATE THAT THE SAMPLE EXCEEDED THE GROUNDWATER QUALITY PREVENTATIVE ACTION LIMIT (PAL) |
| SW |  | WELLGRADED SANDS, GRAVELLY SAND              | <b>NA</b>                        | NOT ANALYZED FOR THIS PARAMETER   |  |   |



**SITE MAP**  
NOT TO SCALE



NOTE:  
GEOLOGIC INTERPRETATION ARE BASED ON INTERPOLATION FROM SOIL BORINGS AND MAY NOT REPRESENT ACTUAL SUBSURFACE CONDITIONS

**FIGURE 4**

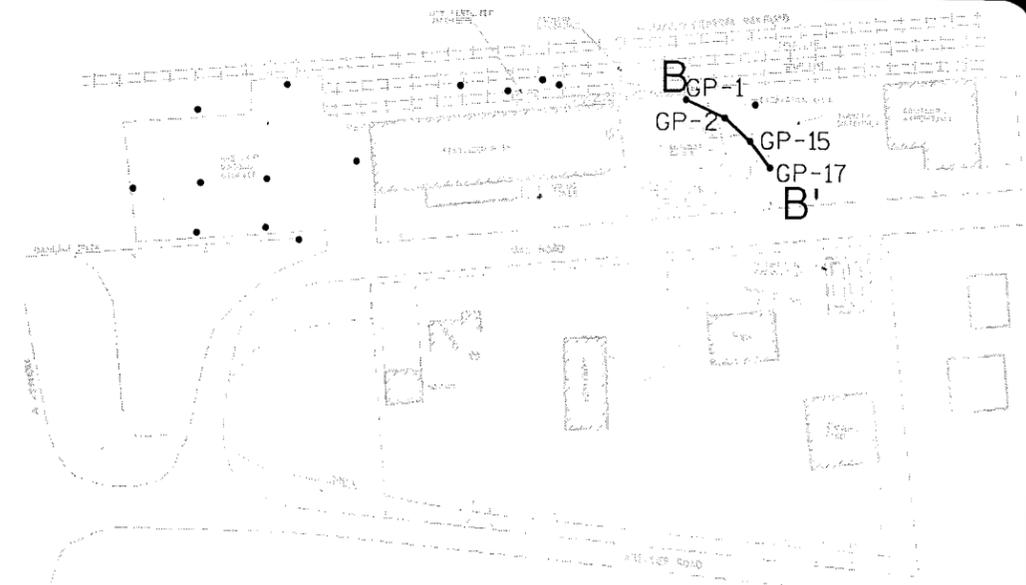
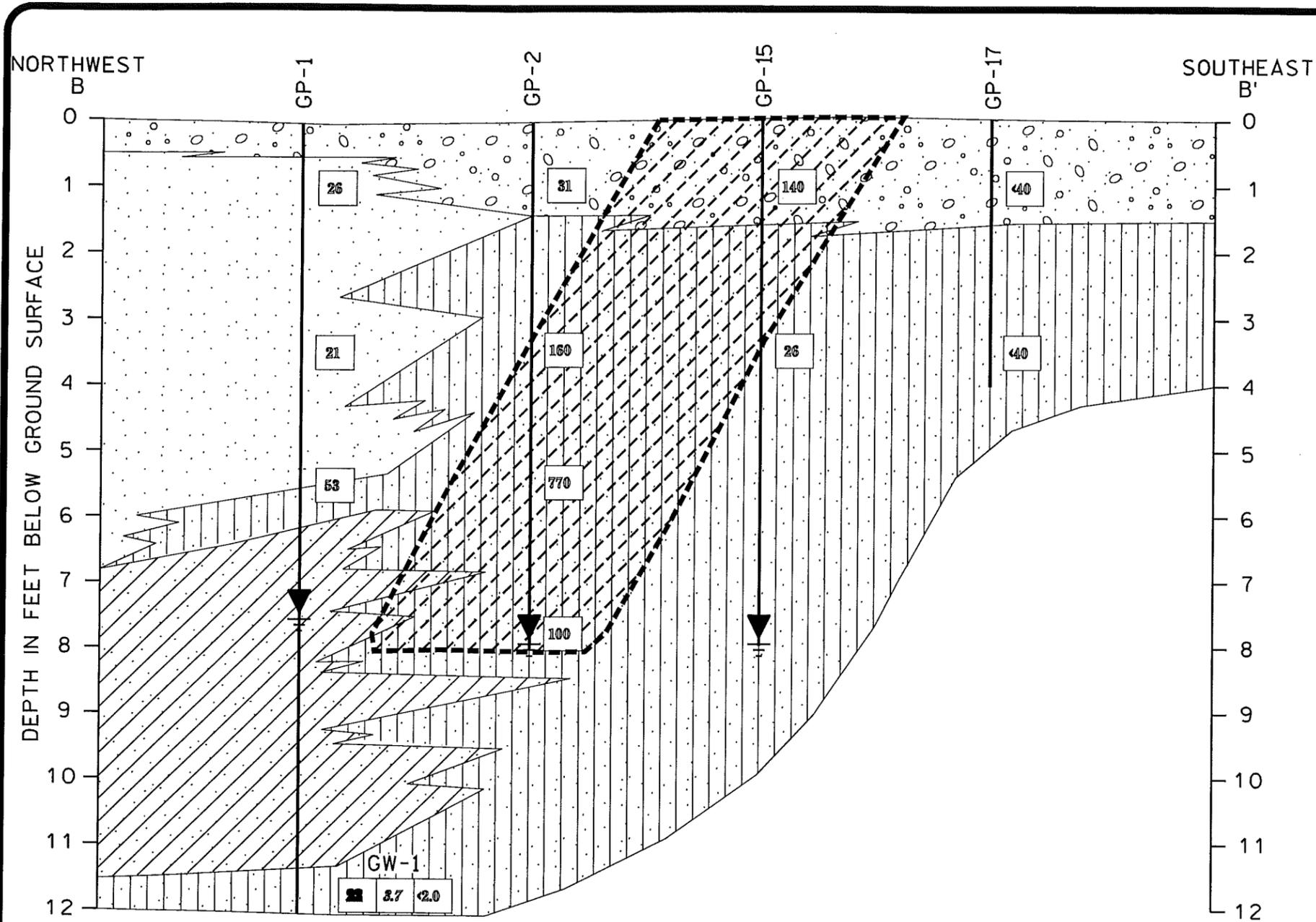
**HYDROGEOLOGIC CROSS SECTION A-A'**  
LARSEN COOPERATIVE, INC  
E9160 MILL ROAD  
READFIELD, WISCONSIN

**MSA**  
PROFESSIONAL SERVICES

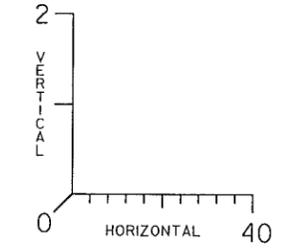
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SITE MAP  
NOT TO SCALE



SCALE IN FEET  
VERTICAL EXAGGERATION=20X

NOTE:  
GEOLOGIC INTERPRETATION ARE BASED  
ON INTERPOLATION FROM SOIL BORINGS  
AND MAY NOT REPRESENT ACTUAL  
SUBSURFACE CONDITIONS

LEGEND

- GW WELL GRADED GRAVELS, SAND-GRAVEL MIXTURE
- SP POORLY GRADED SANDS, GRAVELLY SAND
- SM SILTY SANDS, POORLY GRADED SAND SILT MIXTURE
- ML INORGANIC SILTS AND VERY FINE SANDS
- SW WELLGRADED SANDS, GRAVELLY SAND
- APPROXIMATE LOCATION OF WATER TABLE
- APPROXIMATE EXTENT OF SOIL >100 mg/kg TOTAL NITROGEN
- 24 TOTAL NITROGEN REPORTED IN mg/kg
- GW-2 GROUNDWATER SAMPLE LOCATION
- 2.3 3.6 2.5 PESTICIDES REPORTED IN ug/L  
NITRATE/NITRITE ATRAZINE METOLACHLOR
- 40 LESS THAN INDICATED DETECTION LIMIT
- BOLD NUMBERS INDICATE THAT THE SAMPLE EXCEEDED THE GROUNDWATER QUALITY ENFORCEMENT STANDARD (ES)
- 3.7 ITALICIZED NUMBERS INDICATE THAT THE SAMPLE EXCEEDED THE GROUNDWATER QUALITY PREVENTATIVE ACTION LIMIT (PAL)
- NA NOT ANALYZED FOR THIS PARAMETER

FIGURE 5

**HYDROGEOLOGIC CROSS SECTION B-B'**  
LARSEN COOPERATIVE, INC  
E9160 MILL ROAD  
READFIELD, WISCONSIN

**MSA** TRANSPORTATION • MUNICIPAL DEVELOPMENT • ENVIRONMENTAL  
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**GIS Registry Owner Statement**

As representative for the Larsen Cooperative, I believe that the legal description for each property within or partially within the contaminated site boundary is attached to this closure request.

  
\_\_\_\_\_  
Mr. Tim Wenzel, Larsen Cooperative

December 18, 2006  
Date



January 5, 2007

Mr. Goeffrey Nokes  
CN  
17641 S Ashland Ave.  
Homewood, IL 60430

Re: Groundwater GIS Registry Notification  
Larsen Cooperative North Readfield Facility, Readfield, WI  
DNR Site ID# 02-69-547035      DATCP#00405091901

Dear Property Owner:

Groundwater contamination is present at the Larsen Coop facility referenced above. Agricultural chemicals were detected in groundwater grab samples from borings in your railroad right of way located north of the Coop fertilizer storage building. Nitrates and metolachlor were present at levels above state groundwater standards as tabulated in chapter NR 140, Wisconsin Administrative Code.

MSA Professional Services, Inc. (MSA) has investigated the groundwater contamination and reported our findings to the Department of Agriculture, Trade, and Consumer Protection (DATCP), who determined that this groundwater contaminant plume is stable or receding and/or will naturally degrade over time, and that allowing natural attenuation to address the remaining contaminants at this site will meet the requirements for case closure that are found in chapter NR726, Wisconsin Administrative Code. On behalf of Larsen Cooperative, MSA has requested that DATCP accept natural attenuation as the final remedy for this site, and grant case closure. Closure means that DATCP will not require further investigation or cleanup action, other than the reliance on natural attenuation.

You and any subsequent owners of your property must comply with the requirements of section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. For further information on the requirements of section 292.13, Wisconsin Statutes, you may call the Wisconsin Department of Natural Resources at 1-800-367-6076 for calls originating in Wisconsin, or 608-264-6020.

---

*Offices in Illinois, Iowa, Minnesota, and Wisconsin*

201 CORPORATE DRIVE • BEAVER DAM, WI 53916-3071  
(920) 887-4242 • (800) 552-6330 • FAX: (920) 887-4250  
WEB ADDRESS: [www.msa-ps.com](http://www.msa-ps.com)

CN offsite notification.doc



Page 2

Mr. Goeffrey Nokes  
January 5, 2007

As an affected property owner, you have 30 days to contact WDNR or DATCP personnel to provide technical information that you may have indicating closure should not be granted for this site. If you would like to submit any information to WDNR or DATCP that is relevant to this closure, you should mail that information to:

Mr. Kevin McKnight  
WDNR  
625 E County Road Y, Suite 700  
Oshkosh, WI 54901-9731  
(920)424-7890

Mr. Richard Graham  
DATCP  
2811 Agriculture Drive  
PO Box 8911  
Madison, WI 53708-8911  
(608)224-4515

When this case is closed, all properties within the boundaries where groundwater contamination exceeds chapter NR 140 groundwater enforcement standards will be listed on the Department of Natural Resources' geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above chapter NR 140 enforcement standards was found at the time that the case was closed. This GIS Registry is available to the general public on the Department of Natural Resources' internet web site at the following web address:

<http://maps.dnr.state.wi.us/imf/dnrimf.jsp?site=brrts>.

Should you or any subsequent property owner wish to construct or reconstruct a potable well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to call the Diggers Hotline (1-800-242-8511) if your property is located outside of the service area of a municipally owned water system, or contact the Drinking Water program within the Department of Natural Resources if your property is located within the designated service area of a municipally owned water system to determine if there is a need for special well construction standards.

Page 3

Mr. Goeffrey Nokes  
January 5, 2007

Once DATCP makes a decision on site closure, it will be documented in a letter. You may obtain a copy of this letter by writing to the agency address given above, or by accessing the WDNR GIS Registry of Closed Remediation Sites on the internet at the previously noted web address. (A copy of the closure letter will be included as part of the site file on the GIS Registry of Closed Remediation Sites.)

If you need more information, you may contact me or Mr. Graham, DATCP, at (608)224-4515.

Sincerely,

MSA Professional Services, Inc.

A handwritten signature in black ink, appearing to read 'S Henkel', is written over a horizontal line. The signature is somewhat stylized and loops back to the left.

Steven Henkel  
Professional Hydrologist

SLH

cc: Real Estate Department, CN, Homewood, IL

Enclosures -- Fact Sheet. PUB-RR-671  
Off-site Contamination -- How does it affect my property? PUB-RR-589



January 12, 2007

Town Clerk  
Town of Caledonia  
PO Box 190  
Readfield, WI 54969

Re: Notification of Contamination in Right of Way  
Larsen Cooperative North Readfield Facility, Readfield, WI  
DNR Site ID# 02-69-547035      DATCP#00405091901

Dear Clerk:

The attached information is being submitted to you on behalf of the Larsen Cooperative, per WDNR requirements.

Groundwater contamination is present at the Larsen facility referenced above. Agricultural chemicals were detected in groundwater samples from monitoring wells on the north and south side of Mill Road. Nitrates and pesticides were present at levels above state groundwater standards as tabulated in chapter NR 140, Wisconsin Administrative Code. A well location map and table indicating the groundwater concentrations at this site are included with this letter.

The site data suggest that residual groundwater contaminant concentrations have or will stabilize, and are not posing a public health or environmental risk. Therefore, the State will likely determine that no further remedial effort will be required to address the residual groundwater contamination. Therefore we are submitting the case to DATCP for closure consideration at this time.

If you have any questions regarding this submittal, please do not hesitate to contact me.

Sincerely,

MSA Professional Services, Inc.

Steven Henkel  
Project Manager

SLH

---

*Offices in Illinois, Iowa, Minnesota, and Wisconsin*

201 CORPORATE DRIVE • BEAVER DAM, WI 53916-3071  
(920) 887-4242 • (800) 552-6330 • FAX: (920) 887-4250  
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