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DRINKING WATER & GW

Return completed forms to:

State of Wisconsin, Department of Natural Resources
Bureau of Drinking Water & Groundwater – DG/5
PO Box 7921, Madison, WI 53707-7921
dnr.wi.gov

Non-Potable High Capacity Well Approval Request

Form 3300-295 (R 5/14) Page 1 of 4

Notice: Prior department approval is required for the construction, reconstruction or operation of a non-potable high capacity well or system of non-potable high capacity wells in accordance with Section NR 812.09(4)(a), Wis. Adm. Code. Use this form to request an approval for installation of a well or wells on a high capacity property or to modify a well on a high capacity property. Personally identifiable information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law (s.19.31-19.39, Wis. Stats.).

1. Applicant Information

Owner (Name of Person and Title) Paul Roberts, President		Company Roberts Irrigation Company, Inc.	
Street Address PO Box 490, 1500 Post Road		City Plover	State WI
		ZIP Code 54467	
Phone Number (include area code) 715 344 4747	Fax Number 715 344 4505	Email Address proberts@callroberts.com	

2. Owner Information (if different than applicant)

Owner (Name of Person and Title)		Company Mortenson Bros. Farms	
Street Address PO Box 158		City Plainfield	State WI
		ZIP Code 54966	
Phone Number (include area code)	Fax Number	Email Address	

3. Operator Information

Operator, if different than owner (Name of Person and Title)		Company	
Street Address		City	State
		ZIP Code	
Phone Number (include area code)	Fax Number	Email Address	

4. Submittal Purpose

Check all that apply

- Install one or more new wells with a capacity greater than 70 gallons per minute.
- Install one or more new wells with a capacity less than 70 gallons per minute on a high capacity property.
- Replace one or more wells with a capacity greater than 70 gallons per minute.
- Replace one or more wells with a capacity less than 70 gallons per minute on a high capacity property.
- Reconstruct one or more wells with a capacity greater than 70 gallons per minute.
- Reconstruct one or more wells with a capacity less than 70 gallons per minute on a high capacity property.
- Increase pumping rate in one or more wells to a rate greater than previously approved.
- Renew a previous approval that has expired.
- Other, explain

5. Project Description

Provide a brief description of the proposed project. Include number of acres and expected crop rotation for agricultural irrigation wells. Add a well to provide an adequate amount of available water to meet crop demands.

6. Required Enclosures

- Non-Potable High Capacity Well Application Form.
- Aerial or Plat Map with property boundaries outlined.
- Variance Request, if needed (Form 3300-210)
- \$500 application fee (See s. 281.34 (2), Wis. Stats.)
- Well Construction Reports (if available) for existing wells.

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State of Wisconsin, Department of Natural Resources
 Bureau of Drinking Water & Groundwater – DG/5
 PO Box 7921, Madison, WI 53707-7921
 dnr.wi.gov

**Non-Potable High Capacity Well
 Approval Request**

Form 3300-295 (R 5/14)

Page 3 of 4

Notice: Prior department approval is required for the construction, reconstruction or operation of a non-potable high capacity well or system of non-potable high capacity wells in accordance with Section NR 812.09(4)(a), Wis. Adm. Code. Use this form to request an approval for installation of a well or wells on a high capacity property or to modify a well on a high capacity property. Personally identifiable information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law (s.19.31-19.39, Wis. Stats.).

Applicant Information

Application Prepared By (Name and Title) Paul Roberts, President	Company Roberts Irrigation Company, Inc.
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Property Information

Property owner, if different than applicant (Name of Person and Title)	Company
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County Waushara	Town 20 N	Range 08	<input checked="" type="radio"/> East <input type="radio"/> West	Section 31	High Capacity Well File No. (if applicable) 70-01-0092
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Yes No

- Is a proposed well within 1,200 feet of a landfill? Landfill location: (Township/Range/Section): T R S
- Are you aware of any existing well installations on the high capacity property that are out of compliance with Chapter NR 812, Wisconsin Administrative Code? If yes, please attach a description of the non-complying wells.

Existing Well Information

Enter the following information for all existing wells on the property and any contiguous property owned by the applicant.

Note: Applications are not complete unless they specify water use, pump capacities and GPS locations of existing wells.

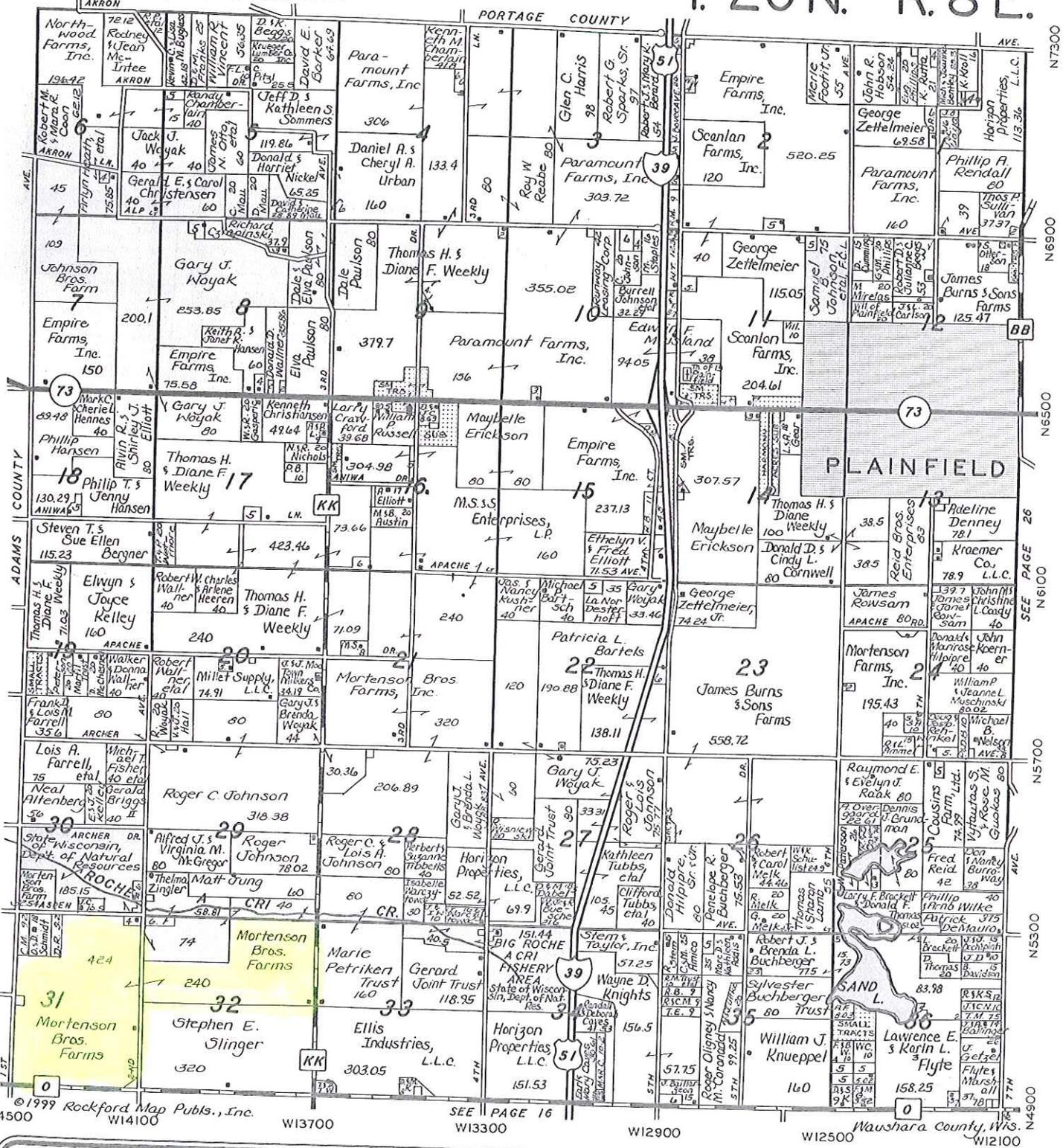
Well Name and/or Number assigned by Owner	Water Use Code(s)	High Capacity Well Number	Pump Capacity (gpm)	Existing Well Coordinates Decimal Degrees Preferred (e.g. 45.1234, -89.1234)		WUWN or WCR Image File # (if known)
				Latitude	Longitude	
	IR10	36432	1000			BD930
	IR10	36434	1000			BD932
	IR10	36759	1200			OC505
	IR10	36766	1000			OC504
	IR10	2988	1000			OC508
	IR10	36433	1000			BD931
	IR10	36740	1200			BE216

Additional Project Information

Please include any additional relevant information regarding this project such as existing wells to be abandoned, proposed non-standard construction methods or pending ownership changes

PLAINFIELD

T. 20N. - R. 8E.



© 1999 Rockford Map Publs., Inc. W14500 W14100 W13700

SEE PAGE 16 W13300 W12900 W12500

Waushara County, Wis. N7300 N6900 N6500 N6100 N5700 N5300 N4900

ROBERTS Irrigation Company, Inc.

1500 POST ROAD • P.O. BOX 490
PLOVER, WISCONSIN 54467-0490

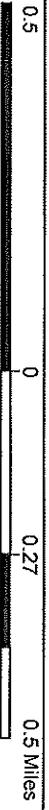
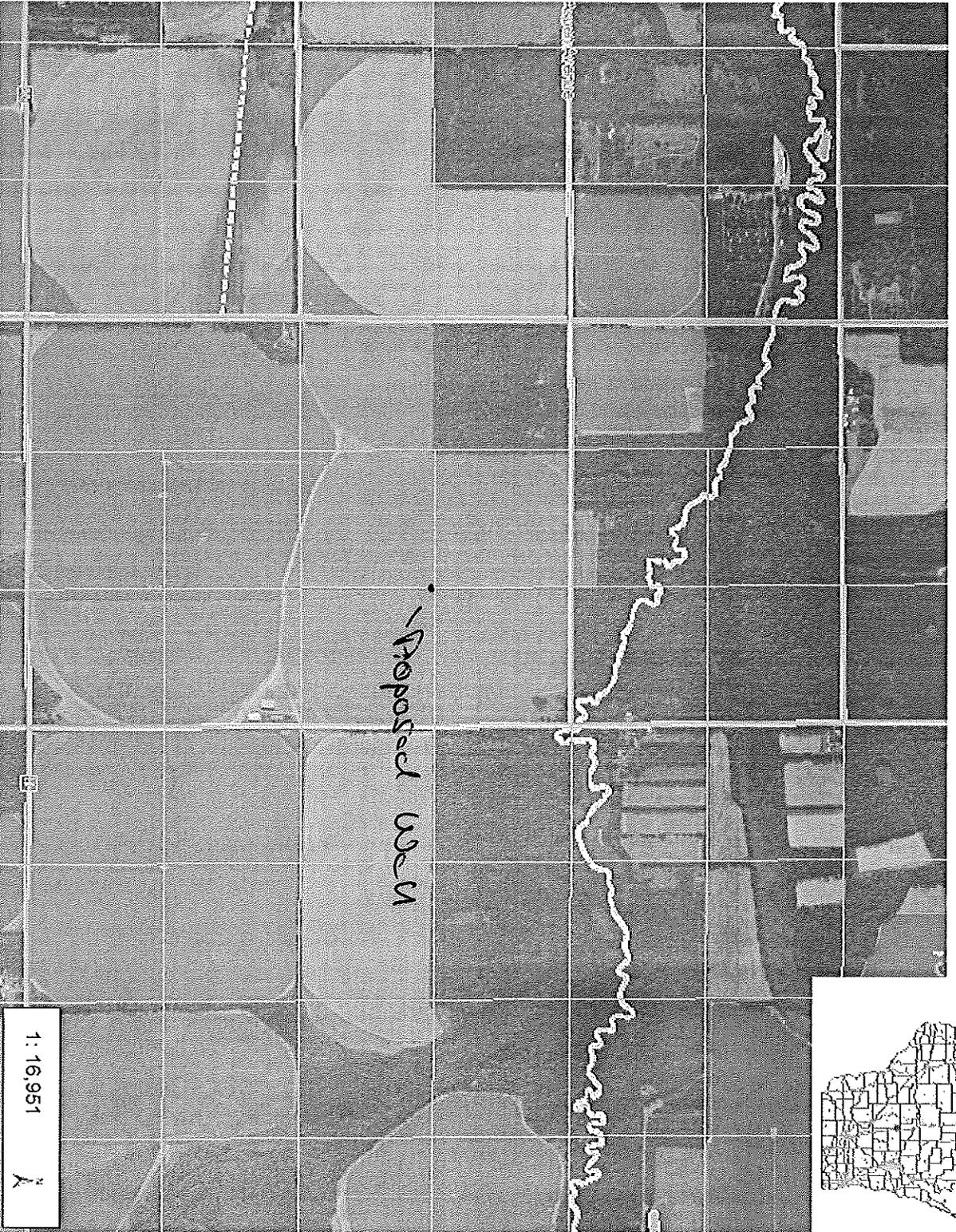
(800) 434-5224
(715) 344-4747
Fax: (715) 344-4505

★ WISCONSIN'S ONLY FULL SERVICE IRRIGATION COMPANY ★





Proposed Well



NAD_1983_HARN_Wisconsin_TM
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1:16,951



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Legend

- Quarter-Quarter
- Municipality
- State Boundaries
- County Boundaries
- Major Roads
 - Interstate Highway
 - State Highway
 - US Highway
- County and Local Roads
 - County HWY
 - Local Road
- Railroads
- Tribal Lands
- Rivers and Streams
- Intermittent Streams
- Lakes and Open water
- 2010 Air Photos (WROC)

Notes

Owner 30 026
 MORTENSON BROTHERS FARM INC
 PO BOX 158
 PLAINFIELD WI 54966
 Phone 715 335 4912

LOCATION
 Region Northeast Region
 MajorBasin Mississippi River
 County Waushara Civil Town PLAINFIELD

Govt Lot _____ or _____ 1/4 of the SE 1/4
 Sec. 31, T 20, Rg. 8 EW E

Street _____
 Mailing City _____
 File Location 70 - 1 - 92
 PWS ID _____

Operator 30 026
 MORTENSON BROTHERS FARM INC
 PO BOX 158
 PLAINFIELD WI 54966
 Phone 715 335 4912

Well Numbers High Cap # **36432**
 WUWN WCR
 WUWN GRN **BD930**
 Image file

Approved Capacity **1,000 GPM**
 Normal Pumpage **720,000GPD**
 Max pumpage **1,440,000GPD**
 Status **APPROVED**

Approved **03/06/1963**
 Completed **07/14/1963**
 WaterUse **Agricultural irrigation**

General Well Information Drilled by: **HAUPT SYLVESTER** 489 Gravel Pack
 Total Depth ft Drill Method: Co Apprvl # 92 Screened? **N**
 Feet to rock Aquifer Sand/Gravel Screen Type
 First Rock is Multiple Aquifers? **N** Seal Material

Additional Geology Information. (Note Diameters are in inches, lengths, thickness & depths are in feet.)

Formation Thickness		
Surface Sand	Upper Drillhole Diameter	Screen Diameter
Surface Clay	Upper Drillhole Depth-Ft	Screen Length
Devonian	Lower Drillhole Diameter	Sealing Material Depth
Silurian	Lower Drillhole Length	Hours of Yield Test
Maquoketa	More than 2 Drillholes? N	GPM of Yield Test
Sinnipie	Primary Casing Diameter	Static Water (feet)
Ancell	Primary Casing Depth	Pumping Water Level (ft)
Prairie du Chien	Liner Casing Diameter	Specific Capacity(GPM/Ft)
Cambrian	Liner Casing Length	
Precambrian	Liner Casing Depth	WGNHS Log No.

Owner	30	028
MORTENSON BROTHERS FARM INC		
PO BOX 158		
PLAINFIELD	WI	54966
Phone 715 335 4912		

LOCATION	
Region	Northeast Region
MajorBasin	Mississippi River
County	Waushara
Civil Town	PLAINFIELD
Govt Lot _____ or CT 1/4 of the NE 1/4	
Sec. 31	T 20, Rg. 8 EW E
Street	
Mailing City	
File Location 70 - 1 - 92	
PWS ID	

Operator	30	028
MORTENSON BROTHERS FARM INC		
PO BOX 158		
PLAINFIELD	WI	54966
Phone 715 335 4912		

Well Numbers	High Cap #	36434
WUWN WCR		
WUWN GRN	BD932	
Image file		

Approved Capacity	1,000 GPM
Normal Pumpage	720,000GPD
Max pumpage	1,440,000GPD
Status	APPROVED

Approved	03/20/1967
Completed	05/12/1967
WaterUse	Agricultural irrigation

General Well Information	Drilled by: WISC PUMP SERVICE	9999	Gravel Pack
Total Depth ft	Drill Method:	Co Apprvl # 92	Screened? N
Feet to rock	Aquifer Sand/Gravel	Screen Type	
First Rock is	Multiple Aquifers? N	Seal Material	

Additional Geology Information. (Note Diameters are in inches, lengths, thickness & depths are in feet.)

Formation Thickness		
Surface Sand	Upper Drillhole Diameter	Screen Diameter
Surface Clay	Upper Drillhole Depth-Ft	Screen Length
Devonian	Lower Drillhole Diameter	Sealing Material Depth
Silurian	Lower Drillhole Length	Hours of Yield Test
Maquoketa	More than 2 Drillholes? N	GPM of Yield Test
Sinnippe	Primary Casing Diameter	Static Water (feet)
Ancell	Primary Casing Depth	Pumping Water Level (ft)
Prairie du Chien	Liner Casing Diameter	Specific Capacity(GPM/Ft)
Cambrian	Liner Casing Length	
Precambrian	Liner Casing Depth	WGNHS Log No.

Owner 30 033
 MORTENSON BROTHERS FARM INC
 PO BOX 158
 PLAINFIELD WI 54966
 Phone 715 335 4912

LOCATION
 Region Northeast Region
 MajorBasin Mississippi River
 County Waushara Civil Town PLAINFIELD

Govt Lot _____ or NE 1/4 of the SW 1/4
 Sec. 31, T 20, Rg. 8 E/W E

Street _____
 Mailing City _____
 File Location 70 - 1 - 92
 PWS ID _____

Operator 30 033
 MORTENSON BROTHERS FARM INC
 PO BOX 158
 PLAINFIELD WI 54966
 Phone 715 335 4912

Well Numbers High Cap # 36759
 WUWN WCR OC505
 WUWN GRN OC505
 Image file

Approved Capacity 1,200 GPM
 Normal Pumpage 864,000GPD
 Max pumpage 1,728,000GPD
 Status APPROVED

Approved 04/17/1989
 Completed 05/12/1989
 WaterUse Agricultural irrigation

General Well Information Drilled by: ROBERTS IRRIGATION 3262 Gravel Pack Y
 Total Depth ft 93.0 Drill Method: Co Apprvl # 92 Screened? Y
 Feet to rock 93.0 Aquifer Sand/Gravel Screen Type Wound Wire
 First Rock is Maquoketa Multiple Aquifers? N Seal Material Drilling Mud and Cuttings

Additional Geology Information. (Note Diameters are in inches, lengths, thickness & depths are in feet.)

Formation Thickness		
Surface Sand	Upper Drillhole Diameter	Screen Diameter 16.0
Surface Clay	Upper Drillhole Depth-Ft	Screen Length 30.0
Devonian	Lower Drillhole Diameter 30.0	Sealing Material Depth 53.0
Silurian	Lower Drillhole Length 93.0	Hours of Yield Test 1.0
Maquoketa	More than 2 Drillholes? N	GPM of Yield Test 900.0
Sinnippe	Primary Casing Diameter	Static Water (feet) 10
Ancell	Primary Casing Depth 63.0	Pumping Water Level (ft) 31
Prairie du Chien	Liner Casing Diameter 16.0	Specific Capacity(GPM/Ft) 42.9
Cambrian	Liner Casing Length	
Precambrian	Liner Casing Depth	WGNHS Log No.

Owner	30	036
MORTENSON BROTHERS FARM INC		
PO BOX 158		
PLAINFIELD	WI	54966
Phone 715 335 4912		

LOCATION	
Region	Northeast Region
MajorBasin	Mississippi River
County	Waushara
Civil Town	PLAINFIELD
Govt Lot _____ or <u>SE</u> 1/4 of the <u>NW</u> 1/4	
Sec. <u>31</u> , T _____, Rg. <u>8</u> E/W <u>E</u>	
Street _____	
Mailing City _____	
File Location 70 - 1 - 92	
PWS ID _____	

Operator	30	036
MORTENSON BROTHERS FARM INC		
PO BOX 158		
PLAINFIELD	WI	54966
Phone 715 335 4912		

Well Numbers	High Cap #	36766
WUWN WCR	OC504	
WUWN GRN	OC504	
Image file		

Approved Capacity	1,000 GPM
Normal Pumpage	720,000GPD
Max pumpage	1,440,000GPD
Status	APPROVED

Approved	10/30/1989
Completed	11/10/1989
WaterUse	Agricultural irrigation

General Well Information	Drilled by: ROBERTS IRRIGATION	3262	Gravel Pack
Total Depth ft	Drill Method:	Co Apprvl #	92
Feet to rock	Aquifer Sand/Gravel	Screen Type	Wound Wire
First Rock Is	Multiple Aquifers? N	Seal Material	Drilling Mud and Cuttings
			Screened? y

Additional Geology Information. (Note Diameters are in inches, lengths, thickness & depths are in feet.)

Formation Thickness		
Surface Sand	Upper Drillhole Diameter	Screen Diameter 16.0
Surface Clay	Upper Drillhole Depth-Ft	Screen Length 20.0
Devonian	Lower Drillhole Diameter 30.0	Sealing Material Depth 57.0
Silurian	Lower Drillhole Length 87.0	Hours of Yield Test 1.0
Maquoketa	More than 2 Drillholes? N	GPM of Yield Test 1,000.0
Sinnippe	Primary Casing Diameter	Static Water (feet) 9
Ancell	Primary Casing Depth 67.0	Pumping Water Level (ft)
Prairie du Chien	Liner Casing Diameter 16.0	Specific Capacity(GPM/Ft)
Cambrian	Liner Casing Length	
Precambrian	Liner Casing Depth	WGNHS Log No.

Owner	30	115
MORTENSON BROTHERS FARM INC		
PO BOX 158		
PLAINFIELD	WI	54966
Phone 715 335 4912		

LOCATION	
Region	Northeast Region
MajorBasin	Mississippi River
County	Waushara
Civil Town	PLAINFIELD
Govt Lot _____ or SE 1/4 of the NE 1/4	
Sec. 31	, T 20, Rg. 8 EW E
Street	
Mailing City	
File Location 70 - 1 - 92	
PWS ID	

Operator	30	115
MORTENSON BROTHERS FARM INC		
PO BOX 158		
PLAINFIELD	WI	54966
Phone 715 335 4912		

Well Numbers	High Cap #	2988
WUWN WCR	OC508	
WUWN GRN	OC508	
Image file		

Approved Capacity	1,000 GPM
Normal Pumpage	720,000GPD
Max pumpage	1,440,000GPD
Status	APPROVED with

Approved	04/14/2000
Completed	04/21/2000
WaterUse	Agricultural Irrigation

General Well Information	Drilled by: ROBERTS IRRIGATION	3262	Gravel Pack Y
Total Depth ft	87.0	Drill Method:	Co Apprvl # 92
Feet to rock		Aquifer Sand/Gravel	Screen Type Wound Wire
First Rock is		Multiple Aquifers?	Seal Material Native Formations
			Screened? y

Additional Geology Information. (Note Diameters are in inches, lengths, thickness & depths are in feet.)

Formation Thickness		
Surface Sand	Upper Drillhole Diameter	Screen Diameter 16.0
Surface Clay	Upper Drillhole Depth-Ft	Screen Length 30.0
Devonian	Lower Drillhole Diameter 30.0	Sealling Material Depth 40.0
Silurian	Lower Drillhole Length 87.0	Hours of Yield Test 1.0
Maquoketa	More than 2 Drillholes?	GPM of Yield Test 800.0
Sinnippe	Primary Casing Diameter	Static Water (feet) 9
Ancell	Primary Casing Depth 57.0	Pumping Water Level (ft) 32
Pralrie du Chien	Liner Casing Diameter 16.0	Specific Capacity(GPM/Ft) 34.8
Cambrian	Liner Casing Length	
Precambrian	Liner Casing Depth	WGNHS Log No.

Owner	30	027
MORTENSON BROTHERS FARM INC		
PO BOX 158		
PLAINFIELD	WI	54966
Phone 715 335 4912		

LOCATION	
Region	Northeast Region
MajorBasin	Mississippi River
County	Waushara
Civil Town	PLAINFIELD
Govt Lot _____ or SW 1/4 of the NW 1/4	
Sec. 32	, T _____, Rg. 8 E/W E
Street _____	
Mailing City _____	
File Location 70 - 1 - 92	
PWS ID _____	

Operator	30	027
MORTENSON BROTHERS FARM INC		
PO BOX 158		
PLAINFIELD	WI	54966
Phone 715 335 4912		

Well Numbers	High Cap #	36433
WUWN WCR		
WUWN GRN	BD931	
Image file		

Approved Capacity	1,000 GPM
Normal Pumpage	720,000GPD
Max pumpage	1,440,000GPD
Status	APPROVED

Approved	03/06/1963
Completed	07/15/1963
WaterUse	Agricultural irrigation

General Well Information	Drilled by: HAUPT SYLVESTER	489	Gravel Pack
Total Depth ft	Drill Method:	Co Apprvl # 92	Screened? N
Feet to rock	Aquifer Sand/Gravel	Screen Type	
First Rock is	Multiple Aquifers? N	Seal Material	

Additional Geology Information. (Note Diameters are in inches, lengths, thickness & depths are in feet.)

Formation Thickness		
Surface Sand	Upper Drillhole Diameter	Screen Diameter
Surface Clay	Upper Drillhole Depth-Ft	Screen Length
Devonian	Lower Drillhole Diameter	Sealing Material Depth
Silurian	Lower Drillhole Length	Hours of Yield Test
Maquoketa	More than 2 Drillholes? N	GPM of Yield Test
Sinnippe	Primary Casing Diameter	Static Water (feet)
Ancell	Primary Casing Depth	Pumping Water Level (ft)
Prairie du Chien	Liner Casing Diameter	Specific Capacity(GPM/Ft)
Cambrian	Liner Casing Length	
Precambrian	Liner Casing Depth	WGNHS Log No.

Owner	30	021
MORTENSON BROTHERS FARM INC		
PO BOX 158		
PLAINFIELD	WI	54966
Phone 715 335 4912		

LOCATION	
Region	Northeast Region
MajorBasin	Mississippi River
County	Waushara
Civil Town	PLAINFIELD
Govt Lot _____ or CT 1/4 of the NE 1/4	
Sec. 32, T _____, Rg. 8 E/W E	
Street	
Mailing City	
File Location 70 - 1 - 92	
PWS ID	

Operator	30	021
MORTENSON BROTHERS FARM INC		
PO BOX 158		
PLAINFIELD	WI	54966
Phone 715 335 4912		

Well Numbers	High Cap #	36740
WUWN WCR		
WUWN GRN	BE216	
Image file		

Approved Capacity	1,200 GPM
Normal Pumpage	864,000GPD
Max pumpage	1,728,000GPD
Status	APPROVED

Approved	04/22/1987
Completed	04/28/1987
WaterUse	Agricultural irrigation

General Well Information	Drilled by: ROBERTS IRRIGATION	Gravel Pack	Y
Total Depth ft	83.0	Drill Method: Reverse Rotary	Screened? Y
Feet to rock		Aquifer Sand/Gravel	Co Apprvl # 92
First Rock is		Multiple Aquifers? N	Screen Type Wound Wire
		Seal Material	Drilling Mud and Cuttings

Additional Geology Information. (Note Diameters are in inches, lengths, thickness & depths are in feet.)

Formation Thickness		
Surface Sand	83.0	Upper Drillhole Diameter
Surface Clay		Upper Drillhole Depth-Ft
Devonian		Lower Drillhole Diameter
Silurian		Lower Drillhole Length
Maquoketa		More than 2 Drillholes?
Sinnippe		Primary Casing Diameter
Ancell		Primary Casing Depth
Prairie du Chien		Liner Casing Diameter
Cambrian		Liner Casing Length
Precambrian		Liner Casing Depth
		Screen Diameter
		Screen Length
		Sealing Material Depth
		Hours of Yield Test
		GPM of Yield Test
		Static Water (feet)
		Pumping Water Level (ft)
		Specific Capacity(GPM/Ft)
		WGNS Log No. WS0940