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prop. 10789

RECEIVED-DNR

OCT 14 2016

Non-Potable High Capacity Well Approval Request

Form 3300-295 (R 5/14)

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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

DRINKING WATER & GW

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) Schroder Bros Farms, Inc.
Company Schroder Bros Farms, Inc.
Street Address N1435 Highway D
City Antigo State WI ZIP Code 54409
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. Replace a 1958 well that is failing and drill a new water supply well in section 34 that presently has no independent water supply for the 132 acres.

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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 Bureau of Drinking Water & Groundwater – DG/5
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Applicant Information	
Application Prepared By (Name and Title) Paul Roberts, President	Company Roberts Irrigation Company, Inc.

Property Information	
Property owner, if different than applicant (Name of Person and Title)	Company

County Oconto	Town 32 N	Range 15	<input checked="" type="radio"/> East <input type="radio"/> West	Section 27	High Capacity Well File No. (if applicable) 43-1-1
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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	20701	350			BC583
	IR10	20702	300			BC584
	IR10	20703	350			BC585

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

Replace Well #20701 that is failing. Well would be abandoned upon successful completion of the new well.

Non-Potable High Capacity Well Approval Request

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Proposed Well Information

Enter the following information for all proposed wells on the property. If more than two wells or alternate construction, submit additional sheets.

Well Location and Usage

Well Name Assigned by Well Owner (North Well, etc.):	Replacement Well	New Well
Town/Range/Section:	SE ¼ SE ¼ 27 S 32 T 15 R E	NE ¼ NE ¼ 34 S 32 T 15 R E
Latitude :	45.2213	45.2177
Longitude:	88.6003	88.6073
Water Use Code (e.g. IR10):	IR10 Agricultural irrigation	IR10 Agricultural irrigation
Proposed Maximum Water Usage Per Day in Gallons:	1080000	1080000
Proposed Maximum Water Usage Per Month in Gallons:	32400000	32400000
Months of Operation (e.g. May - Sept):	April-Oct.	April-Oct.
Proposed Pump Type & Capacity(gpm):	Turbine 750gpm	Turbine 750gpm
Discharge Type (Over Top of Casing Seal, Pitless Adapter or Unit):	Top	Top
Discharge Location (Building Pressure Tank, Pond, etc.):	Center pivot	Center pivot
Distance and Direction to Nearest Public Utility Well & Well Name:		
Distance to Other Potential Contaminant Sources:		

9919

non contiguous

Well Construction

Drilling Method(s) (Rotary, Percussion, Etc.):	Dual Rotary	Dual Rotary
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Anticipated Geological Materials and Depths that are expected during drilling:

Material and Depth Interval:	sand clay, & gravel from 0 ' to 90 '	sand, clay, & gravel from 0 ' to 90 '
Material and Depth Interval:	from ' to '	from ' to '
Material and Depth Interval:	from ' to '	from ' to '
Material and Depth Interval:	from ' to '	from ' to '

Drillhole Diameter and Anticipated Depth Intervals:

Diameter and Depth Interval:	16" from 0 ' to 90 '	from 0 ' to '
Diameter and Depth Interval:	from ' to '	from ' to '

Permanent Casing or Liner Material , If Used:

Diameter and Wall Thickness	16 " dia .375 " thick from 0 ' to 70 '	16 " dia .375 " thick from 0 ' to 70 '
Diameter and Wall Thickness	" dia " thick from ' to '	" dia " thick from ' to '
Diameter and Wall Thickness	" dia " thick from ' to '	" dia " thick from ' to '
Diameter and Wall Thickness	" dia " thick from ' to '	" dia " thick from ' to '

Casing Material and Joints (Welded, T and C, etc.):

Weight at Depth Interval	lbs/foot 0 ' to '	lbs/foot 0 ' to '
Weight at Depth Interval	lbs/foot ' to '	lbs/foot ' to '

Screen Material and Casing to Screen Joint (Welded, T and C, K Packer, etc.)

Screen Slot Size in Inches and Depth Interval or N/A if none:	Galv. steel with k-packer	Galv. steel with k-packer
	30 slot from 70 ' to 90 '	30 slot from 70 ' to 90 '

Annular Space Material Including Filter Pack Material, If Used:

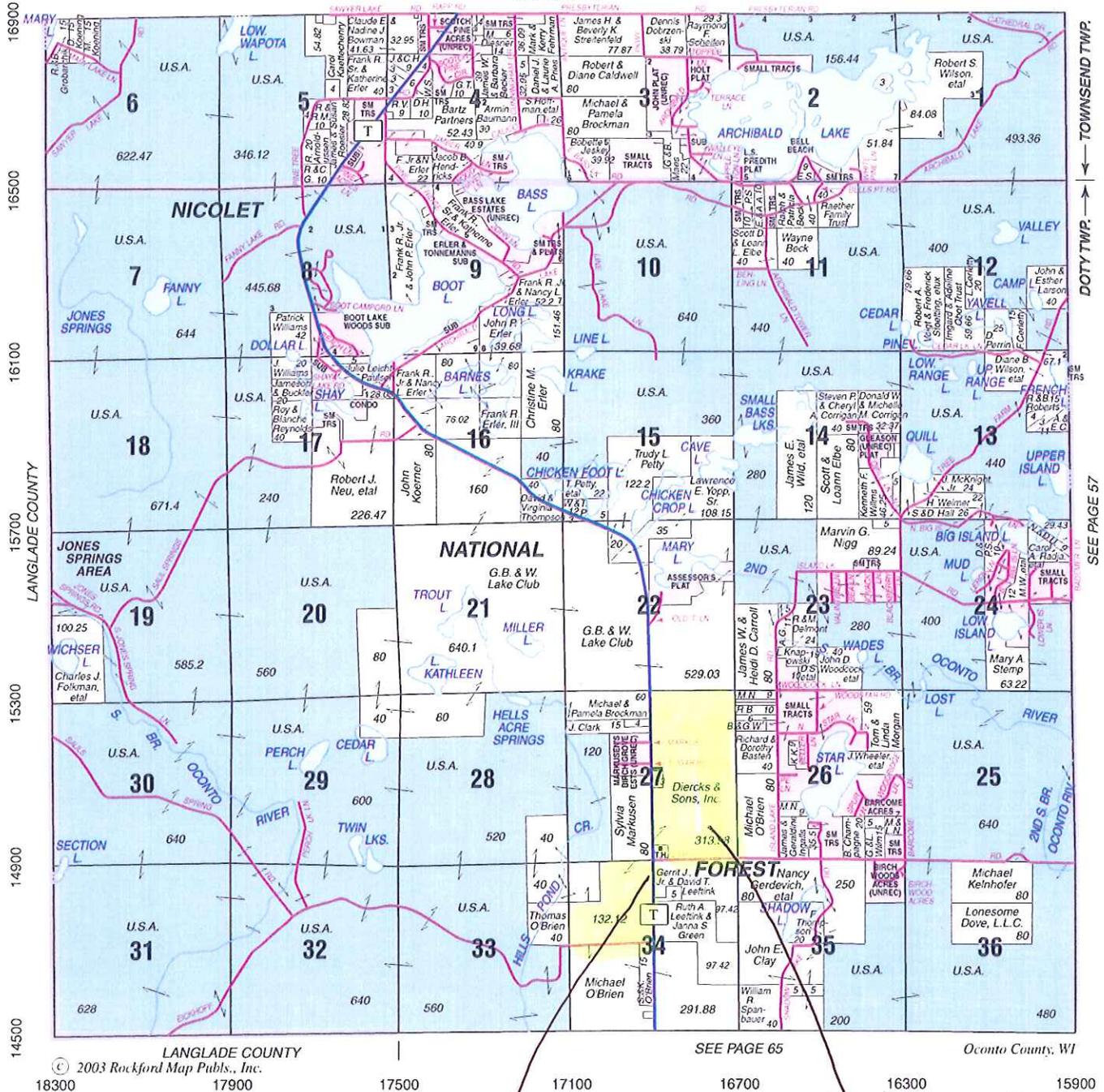
Material and Depth Interval:	mounded bentonite / 0 ' to 30 '	mounded bentonite / 0 ' to 30 '
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Applicant Signature

Name – Print Paul Roberts	Select One: <input type="radio"/> Owner <input checked="" type="radio"/> Agent of Owner
Signature	Company Roberts Irrigation Company
	Date 10-10-16

By signing this form, the person certifies that to the best of his or her knowledge, all information in the application is accurate and correct. Unsigned or incomplete applications will not be approved

SEE PAGE 69



New Wall Approval Replacement Well



Bartels Real Estate, Inc.

Your Perfect Partner in Many Ways.

PHONE:

(800) 335-6413 or (715) 276-6649

FAX: (715) 276-7738

15335 STATE HIGHWAY 32
P.O. BOX 5
LAKEWOOD, WI 54138-0005



Each Office is Independently Owned and Operated.



Owner	2012	001
SCHROEDER BROS FARMS INC		
N1435 HIGHWAY D		
ANTIGO	WI	54409
Phone 715 623 2689		

LOCATION	
Region	Northeast Region
MajorBasin	Lake Michigan
County	Oconto
Civil Town	DOTY
Govt Lot _____ or SE 1/4 of the SE 1/4	
Sec. 27	, T 32, Rg. 15 EW E
Street	
Mailing City	
File Location 43 - 1 - 1	
PWS ID	

Operator	2012	001
SCHROEDER BROS FARMS INC		
N1435 HIGHWAY D		
ANTIGO	WI	54409
Phone 715 623 2689		

Well Numbers	High Cap #	20701
WUWN WCR		
WUWN GRN	BC583	
Image file		

Approved Capacity	350 GPM
Normal Pumpage	634,000GPD
Max pumpage	1,302,000GPD
Status	APPROVED

Approved	02/24/1964
Completed	06/03/1958
WaterUse	Agricultural irrigation

General Well Information	Drilled by: WISC PUMP SERVICE	9999	Gravel Pack
Total Depth ft	Drill Method:	Co Apprvl # 1	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	2012	002
SCHROEDER BROS FARMS INC		
N1435 HIGHWAY D		
ANTIGO	WI	54409
Phone 715 623 2689		

LOCATION	
Region	Northeast Region
MajorBasin	Lake Michigan
County	Oconto
Civil Town	DOTY
Govt Lot _____ or NW 1/4 of the SE 1/4	
Sec. 27	, T _____, Rg. 15 E/W E
Street _____	
Mailing City _____	
File Location 43 - 1 - 1	
PWS ID _____	

Operator	2012	002
SCHROEDER BROS FARMS INC		
N1435 HIGHWAY D		
ANTIGO	WI	54409
Phone 715 623 2689		

Well Numbers	High Cap #	20702
WUWN WCR		
WUWN GRN	BC584	
Image file		

Approved Capacity	300 GPM
Normal Pumpage	827,000GPD
Max pumpage	1,698,000GPD
Status	APPROVED

Approved	02/24/1964
Completed	
WaterUse	Agricultural irrigation

General Well Information	Drilled by:		Gravel Pack
Total Depth ft	Drill Method:	Co Apprvl # 1	Screened? N
Feet to rock	Aquifer	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	2012	003
SCHROEDER BROS FARMS INC N1435 HIGHWAY D ANTIGO WI 54409 Phone 715 623 2689		

LOCATION	
Region	Northeast Region
MajorBasin	Lake Michigan
County	Oconto
Civil Town	DOTY
Govt Lot _____ or NE 1/4 of the SE 1/4	
Sec. 27, T _____, Rg. 15 E/W E	
Street _____	
Mailing City _____	
File Location 43 - 1 - 1	
PWS ID _____	

Operator	2012	003
SCHROEDER BROS FARMS INC N1435 HIGHWAY D ANTIGO WI 54409 Phone 715 623 2689		

Well Numbers	High Cap #	20703
WUWN WCR		
WUWN GRN	BC585	
Image file		

Approved Capacity	350 GPM
Normal Pumpage	772,000GPD
Max pumpage	1,585,000GPD
Status	APPROVED

Approved	02/24/1964
Completed	
WaterUse	Agricultural irrigation

General Well Information	Drilled by:		Gravel Pack
Total Depth ft	Drill Method:	Co Apprvl # 1	Screened? N
Feet to rock	Aquifer	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)
Pralrie du Chien	Liner Casing Diameter	Specific Capacity(GPM/Ft)
Cambrian	Liner Casing Length	
Precambrian	Liner Casing Depth	WGNS Log No.