7480 RECEIVED-DNR JUL 26 2016 Property 13364

Return completed forms to:
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

High Capacity, School or Wastewater Treatment Plant Well Approval Request

Form 3300-295 (R 5/15)

Notice: Pursuant to §§ NR 812.09(4)(a) & (b), Wis. Adm. Code, prior Department of Natural Resources (DNR) approval is required for the construction, reconstruction or operation of a high capacity well or system of high capacity wells, a school well or a wastewater treatment plan well. This form is required to be completed to request approval for installation of a well or wells on a high capacity property, to modify a well on a high capacity property, or the construction or reconstruction of a school or wastewater treatment plant well. 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

Name and Title		Company		
Tim Butterfield		Tim Butterfield Drilling		
Street Address		**City**	**State**	**ZIP Code**
395 Reed St.		Somerset	WI	54025
Phone Number (include area code)	**Fax Number**	**Email Address**		
(715) 492-9467	(715) 247-2103	tim@timbutterfielddrilling.com		

Owner Information (if different than applicant)

Name and Title		Company		
John Schaller				
Street Address		**City**	**State**	**ZIP Code**
N5931 Cty Rd. ZZ		Onalaska	WI	54650
Phone Number (include area code)	**Fax Number**	**Email Address**		
(608) 386-2331				

Operator Information (if different than owner)

Name and Title		Company		
Street Address		**City**	**State**	**ZIP Code**
Phone Number (include area code)	**Fax Number**	**Email Address**		

Submittal Purpose

Check all that apply

- ☒ **Non-Potable Well(s)**
- ☐ **Potable Well(s) Requires Potable Attachments**
- ☒ 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 (please describe: School, WWTP etc.) _____

Project Description

Provide a brief description of the proposed project including the number of potable wells to be installed. For non-potable wells include number of acres and expected crop rotation for agricultural irrigation wells. For potable wells serving livestock note if the facility is currently or plans to become a concentrated animal feeding operation (CAFO).

We are requesting approval to drill a High Capacity non potable well for a pivot irrigation system. Irrigation system is designed to irrigate 110 acres and crop rotation will be corn and alfalpha

Required Enclosures

- ☒ High Capacity Well Application (Form 3300-295)
- ☒ $500 application fee (see s. 281.34 (2), Wis. Stats.)
- ☒ Well Construction Reports (if available) for existing wells
- ☐ Potable Attachment: if a proposed well is potable (Form 3300-295A)
- ☒ Aerial or Plat Map with property boundaries outlined
- ☐ Variance Request, if needed (Form 3300-210)

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

High Capacity, School or Wastewater Treatment Plant Well Approval Request

Form 3300-295 (R 5/15)

This form is used to request an approval for the construction or reconstruction of a well or wells on a high capacity property, to modify an existing well on a high capacity property, or the construction or reconstruction of a school or wastewater treatment plant well. The following information will be scanned and posted as a public record on our website. Return completed application to:

Wisconsin Department of Natural Resources
Bureau of Drinking Water & Groundwater - DG/5
PO Box 7921
Madison, WI 53707-7921

Applicant Information

Name and Title	Company
Tim Butterfield	Tim Butterfield Drilling

Owner Information

Name and Title	Company
John Schaller	

County	Town	Range	Section	High Capacity Well File No. (if applicable)
La Crosse	17 N	08 ○East ◉West	23	

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, 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) Latitude	Longitude	WUWN or WCR Image File # (if known)

Additional Project Information

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

High Capacity, School or Wastewater Treatment Plant Well Approval Request

Form 3300-295 (R 5/15)

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	◯ Potable ◉ Non-Potable	◯ Potable ◯ Non-Potable
Well Name Assigned by Well Owner (North Well, etc.):	NW NW Cty Z	
Town/Range/Section:	NE ¼ SW ¼ S 23 T 17 R 08 W	¼ ¼ S T R
Latitude :	43.9381430	
Longitude:	-91.2898724	
Water Use Code (e.g. IR10):		
Proposed Maximum Water Usage Per Day in Gallons:	936000	
Proposed Maximum Water Usage Per Month in Gallons:	28080000	
Months of Operation (e.g. May - Sept):	May-Sept	
Proposed Pump Type & Capacity(gpm):	Submersible 650gpm	
Discharge Type (Over Top of Casing Seal, Pitless Adapter or Unit):	Over top Casing Seal	
Discharge Location (Building Pressure Tank, Pond, etc.):	Irrigation Pivot	
Distance and Direction to Nearest Public Utility Well & Well Name:		
Distance to Other Potential Contaminant Sources:		

Well Construction		
Drilling Method(s) (Rotary, Percussion, Etc.):	Dual Rotary	
Anticipated Geological Materials and Depths that are expected during drilling:		
Material and Depth Interval:	sand and gravel from 0 ' to 130 '	from 0 ' to '
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:	12 from 0 ' to 130 '	from 0 ' to '
Diameter and Depth Interval:	from ' to '	from ' to '
Permanent Casing or Liner Material , If Used:		
Diameter and Wall Thickness:	12 " dia .375 " thick from 0 ' to 100 '	" dia " thick from 0 ' 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:	50 lbs/foot 0 ' to 100 '	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.):	Stainless K-Packer	
Screen Slot Size in Inches and Depth Interval or N/A if none:	.40 from 100 ' to 130 '	from ' to '
Annular Space Material Including Filter Pack Material, If Used:		
Material and Depth Interval:	/ 0 ' to '	/ 0 ' to '

Applicant Signature

By signing this form, I certify that to the best of my knowledge, all information in the application is accurate and correct. I understand that unsigned or incomplete applications will not be approved.

Name – Print	Select One:	
Tim Butterfield	◯ Owner	◉ Agent of Owner
Signature	Company	Date
	Tim Butterfield Drilling	7/21/16

Google earth feet 2000 meters 600

Sec 23 T 17 R 8W

Google earth

feet 4000

km 1

FILE **32 - 1 - 8** Property Class **Irrigation** Well Use

Owner 3333 001
MOHR, STEVE
634 13TH AVE NORTH
ONALASKA WI 54650
Phone 608 781 4076

Operator 3333 001
MOHR, STEVE
634 13TH AVE NORTH
ONALASKA WI 54650
Phone 608 781 4076

LOCATION

Region **West Central Region**
MajorBasin **Mississippi River**
County **La Crosse** Civil Town **ONALASKA(WEST)**

Govt Lot ____ or **NE** 1/4 of the **SE** 1/4
Sec. **23** , T **17** , Rg. **8** E/W **W**

Street
Mailing City
File Location **32 - 1 - 8**
PWS ID

Well Numbers High Cap # **14210**
WUWN WCR
WUWN GRN **BC310**
Image file

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

Approved **04/08/1977**
Completed **08/15/1977**
WaterUse

General Well Information Drilled by: **HOLZEM MARVIN** **637** Gravel Pack **Y**
Total Depth ft **127.0** Drill Method: Co Apprvl # **8** Screened? **Y**
Feet to rock **0.0** 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
Sinnipee	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.

FILE **32 - 1 - 28** Property Class **Irrigation** Well Use Dairy farming

Owner 184655 001
SCHALLER, JOHN & BARBARA
N5931 COUNTY HIGHWAY ZZ
ONALASKA WI 54650
Phone 608 386 2331

Operator 184655 001
SCHALLER, JOHN & BARBARA
N5931 COUNTY HIGHWAY ZZ
ONALASKA WI 54650
Phone 608 386 2331

LOCATION

Region **West Central Region**
MajorBasin **Mississippi River**
County **La Crosse** Civil Town **ONALASKA (WEST PART)**

Govt Lot ____ or **SE** 1/4 of the **NW** 1/4
Sec. **23** , T **17** , Rg. **8** E/W **W**

Street
Mailing City
File Location **32 - 1 - 28**
PWS ID

Well Numbers High Cap # **73271**
WUWN WCR
WUWN GRN
Image file

Approved Capacity **33 GPM**
Normal Pumpage **15,000GPD**
Max pumpage **25,000GPD**
Status **APPROVED with**

Approved **10/23/2013**
Completed **06/02/1973**
WaterUse **Dairy farming**

General Well Information Drilled by: **ROY OINES (HOLMEN)**
Total Depth ft **105.0** Drill Method: **Cable Tool** Co Apprvl # **28** Gravel Pack Screened? **Y**
Feet to rock Aquifer **Sand/Gravel** Screen Type **Wound wire - Stainless Steel**
First Rock is Multiple Aquifers? Seal Material

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

Formation Thickness		Upper Drillhole Diameter		Screen Diameter	2.0
Surface Sand	105.0	Upper Drillhole Depth-Ft		Screen Length	5.0
Surface Clay		Lower Drillhole Diameter		Sealing Material Depth	
Devonian		Lower Drillhole Length		Hours of Yield Test	3.0
Silurian		More than 2 Drillholes?		GPM of Yield Test	20.0
Maquoketa		Primary Casing Diameter		Static Water (feet)	26
Sinnippe		Primary Casing Depth	100.0	Pumping Water Level (ft)	31
Ancell		Liner Casing Diameter	4.0	Specific Capacity(GPM/Ft)	4.0
Prairie du Chien		Liner Casing Length			
Cambrian		Liner Casing Depth		WGNHS Log No.	
Precambrian					

List

FILE **32 - 1 - 28** Property Class **Irrigation** Well Use Dairy farming

Owner 184655 002
SCHALLER, JOHN & BARBARA
N5931 COUNTY HIGHWAY ZZ
ONALASKA WI 54650
Phone 608 386 2331

Operator 184655 002
SCHALLER, JOHN & BARBARA
N5931 COUNTY HIGHWAY ZZ
ONALASKA WI 54650
Phone 608 386 2331

LOCATION

Region **West Central Region**
MajorBasin **Mississippi River**
County **La Crosse** Civil Town **ONALASKA (WEST PART)**

Govt Lot ____ or **SE** 1/4 of the **NW** 1/4
Sec. **23** , T **17** , Rg. **8** E/W **W**

Street
Mailing City
File Location **32 - 1 - 28**
PWS ID

Well Numbers High Cap # **73272**
WUWN WCR **UB588**
WUWN GRN **UB588**
Image file

Approved Capacity **55 GPM**
Normal Pumpage **10,000GPD**
Max pumpage **20,000GPD**
Status **APPROVED with**

Approved **10/23/2013**
Completed **11/20/2007**
WaterUse **Dairy farming**

General Well Information Drilled by: **MEDARY WELL DRILLING**
Total Depth ft **105.0** Drill Method: **Cable Tool** Co Apprvl # **28**
Feet to rock Aquifer **Sand/Gravel** Screen Type
First Rock is Multiple Aquifers? Seal Material
Gravel Pack
Screened? **N**

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

Formation Thickness	
Surface Sand	105.0
Surface Clay	
Devonian	
Silurian	
Maquoketa	
Sinnippe	
Ancell	
Prairie du Chien	
Cambrian	
Precambrian	

Upper Drillhole Diameter	6.0
Upper Drillhole Depth-Ft	105.0
Lower Drillhole Diameter	
Lower Drillhole Length	
More than 2 Drillholes?	
Primary Casing Diameter	
Primary Casing Depth	95.0
Liner Casing Diameter	6.0
Liner Casing Length	
Liner Casing Depth	

Screen Diameter	
Screen Length	
Sealing Material Depth	
Hours of Yield Test	2.0
GPM of Yield Test	50.0
Static Water (feet)	30
Pumping Water Level (ft)	58
Specific Capacity(GPM/Ft)	1.8
WGNHS Log No.	

List

FILE **32 - 1 - 28** Property Class **Irrigation** Well Use Privt/single residence

Owner 184655 003
SCHALLER, JOHN & BARBARA
N5931 COUNTY HIGHWAY ZZ
ONALASKA WI 54650
Phone 608 386 2331

Operator 184655 003
SCHALLER, JOHN & BARBARA
N5931 COUNTY HIGHWAY ZZ
ONALASKA WI 54650
Phone 608 386 2331

LOCATION

Region **West Central Region**
MajorBasin **Mississippi River**
County **La Crosse** Civil Town **ONALASKA (WEST PART)**

Govt Lot ____ or **SE** 1/4 of the **NW** 1/4
Sec. **23** , T **17** , Rg. **8** E/W **W**

Street
Mailing City
File Location **32 - 1 - 28**
PWS ID

Well Numbers High Cap # **73273**
WUWN WCR
WUWN GRN
Image file

Approved Capacity **10 GPM**
Normal Pumpage **2,000GPD**
Max pumpage **3,000GPD**
Status **APPROVED**

Approved **10/23/2013**
Completed
WaterUse **Privt/single residence**

General Well Information Drilled by: **UNKNONWN**
Total Depth ft **90.0**
Feet to rock
First Rock is
Drill Method: **Cable Tool**
Aquifer
Multiple Aquifers?
Co Apprvl # **28**
Screen Type
Seal Material
Gravel Pack
Screened? **Y**

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

Formation Thickness	
Surface Sand	**90.0**
Surface Clay	
Devonian	
Silurian	
Maquoketa	
Sinnippe	
Ancell	
Prairie du Chien	
Cambrian	
Precambrian	

Upper Drillhole Diameter	**4.0**
Upper Drillhole Depth-Ft	**90.0**
Lower Drillhole Diameter	
Lower Drillhole Length	
More than 2 Drillholes?	
Primary Casing Diameter	
Primary Casing Depth	
Liner Casing Diameter	
Liner Casing Length	
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)	
WGNHS Log No.	

FILE **32 - 1 - 28** Property Class **Irrigation** Well Use Privt/single residence

Owner 184655 004
SCHALLER, JOHN & BARBARA
N5931 COUNTY HIGHWAY ZZ
ONALASKA WI 54650
Phone 608 386 2331

Operator 184655 004
SCHALLER, JOHN & BARBARA
N5931 COUNTY HIGHWAY ZZ
ONALASKA WI 54650
Phone 608 386 2331

LOCATION

Region **West Central Region**
MajorBasin **Mississippi River**
County **La Crosse** Civil Town **ONALASKA (WEST PART)**

Govt Lot ____ or **SE** 1/4 of the **NW** 1/4
Sec. **23** , T **17**, Rg. **8** E/W **W**

Street
Mailing City
File Location **32 - 1 - 28**
PWS ID

Well Numbers High Cap # **73274**
WUWN WCR **SR805**
WUWN GRN **SR805**
Image file

Approved Capacity **10 GPM**
Normal Pumpage **2,000GPD**
Max pumpage **3,000GPD**
Status **APPROVED with**

Approved **10/23/2013**
Completed **11/29/2004**
WaterUse **Privt/single residence**

General Well Information
Total Depth ft **108.0**
Feet to rock
First Rock is

Drilled by: **MEDARY WELL DRILLING**
Drill Method: **Cable Tool**
Aquifer **Sand/Gravel**
Multiple Aquifers?

Co Apprvl # **28**
Screen Type **Wound wire - Stainless Steel**
Seal Material
Gravel Pack
Screened?

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

Formation Thickness	
Surface Sand	108.0
Surface Clay	
Devonian	
Silurian	
Maquoketa	
Sinnippe	
Ancell	
Prairie du Chien	
Cambrian	
Precambrian	

Upper Drillhole Diameter	4.0
Upper Drillhole Depth-Ft	108.0
Lower Drillhole Diameter	
Lower Drillhole Length	
More than 2 Drillholes?	
Primary Casing Diameter	
Primary Casing Depth	105.0
Liner Casing Diameter	4.0
Liner Casing Length	
Liner Casing Depth	

Screen Diameter	3.0
Screen Length	3.0
Sealing Material Depth	
Hours of Yield Test	2.0
GPM of Yield Test	10.0
Static Water (feet)	32
Pumping Water Level (ft)	48
Specific Capacity(GPM/Ft)	0.6
WGNHS Log No.	