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PROP 14221

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

OCT 10 2016

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 plant 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 Travis Ballew Irrigation Manager		Company Tim Butterfield Drilling	
Street Address 395 Reed St		City Somerset	State Wi
ZIP Code 54025		Fax Number	
715 492 9467		Email Address travis@timbutterfielddrilling.com	

Owner Information (if different than applicant)

Name and Title Fall Line Farms/ FLF Herman, LLC		Company Fall Line Farms/ FLF Herman, LLC	
Street Address 119 South B St		City San Mateo	State Ca
ZIP Code 94401		Fax Number	
406 750 1665		Email Address baptiste@fall-line-cap	

Operator Information (if different than owner)

Name and Title Baptiste Tellier		Company Fall Line Farms	
Street Address 326 So Wisconsin Ave		City Rice Lake	State Wi
ZIP Code 54868		Fax Number	
406 750 1665		Email Address baptiste@fall-line-cap.com	

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 cap non potable well for a pivot irrigation system. The irrigation system is designed to irrigate 103 acres. crop rotation will be corn and soybeans.

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
- _____
- Aerial or Plat Map with property boundaries outlined
- Variance Request, if needed (Form 3300-210)

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 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
Travis Ballew Irrigation Manager	Tim Butterfield Drilling

Owner Information

Name and Title	Company
Baptiste Tellier	Fall Line Farms/ FLF Herman, LLC

County	Town	Range	<input type="radio"/> East	Section	High Capacity Well File No. (if applicable)
Barron	32 N	10	<input checked="" type="radio"/> West	11	

Yes No

_____ 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				Existing Well Coordinates Decimal Degrees Preferred (e.g. 45.1234, -89.1234)	
				Longitude	

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)

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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		<input type="radio"/> Potable	<input checked="" type="radio"/> Non-Potable	<input type="radio"/> Potable	<input type="radio"/> Non-Potable
Well Name Assigned by Well Owner (North Well, etc.):	Dairy <i>SE NW 14</i>				
Town/Range/Section:	<i>1/4 SE 1/4 S 11 T 32 R 10 W</i>			1/4	1/4 S T R
Latitude :	45.257512				
Longitude:	-91.576830				
Water Use Code (e.g. IR10):	IR10 Agricultural irrigation				
Proposed Maximum Water Usage Per Day in Gallons:	1152000				
Proposed Maximum Water Usage Per Month in Gallons:	30000000				
Months of Operation (e.g. May - Sept):	may- sept				
Proposed Pump Type & Capacity(gpm):	submersible 800 GPM				
Discharge Type (Over Top of Casing Seal, Pitless Adapter or Unit):	over top of 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	from 0	' to 60	'	from 0	' to	'
Material and Depth Interval:	Sandstone	from 60	' to 260	'	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 260	'	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 60	'	" 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 60	'	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.):	None								
Screen Slot Size in Inches and Depth Interval or N/A if none:	from ' to				from ' to				'

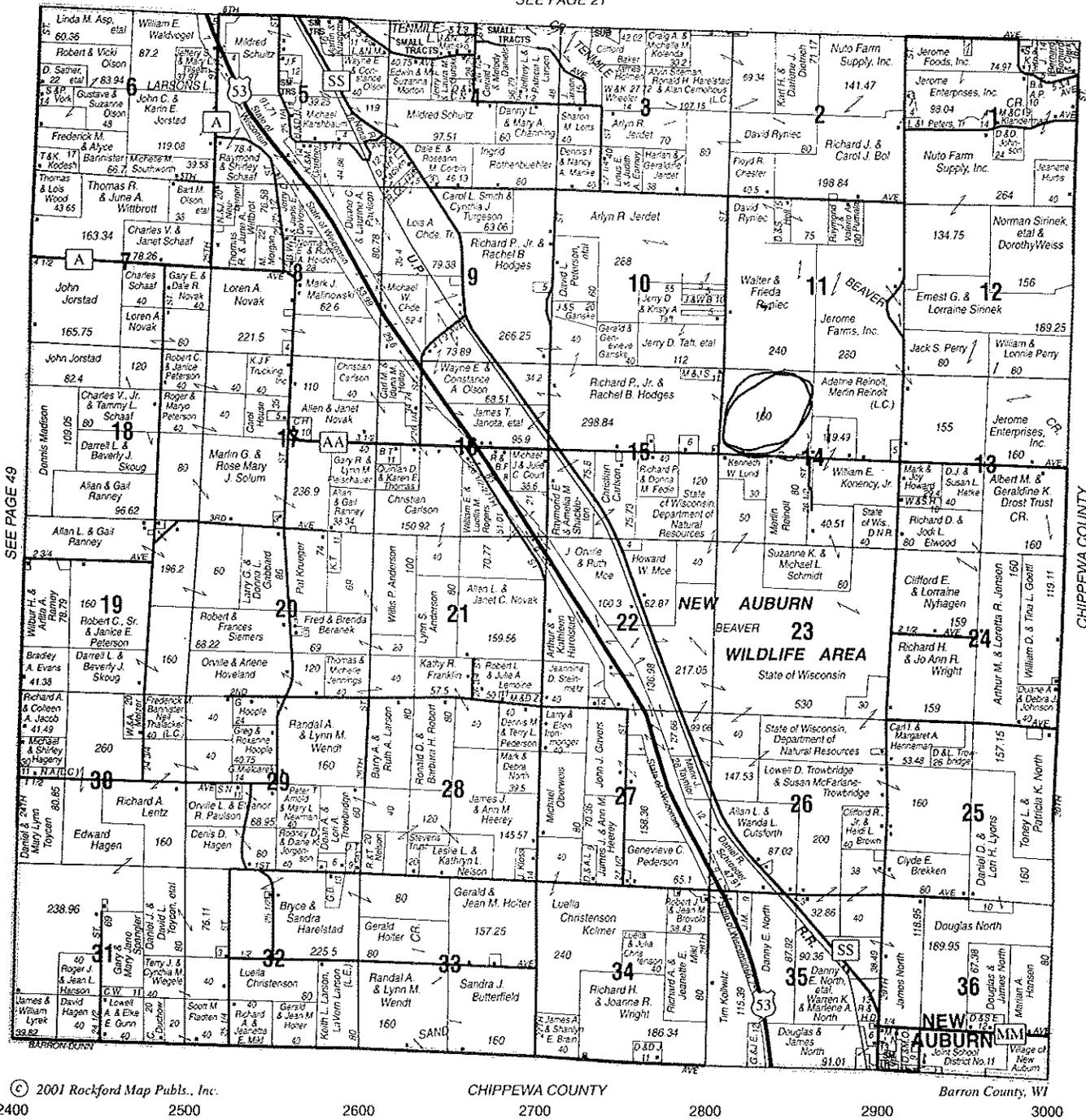
Annular Space Material Including Filter Pack Material, If Used:

Material and Depth Interval:	/ 0	' to	'	/ 0	' to	'
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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 Tim Butterfield	Select One: <input type="radio"/> Owner <input checked="" type="radio"/> Agent of Owner	
Signature	Company Tim Butterfield Drilling, Inc.	Date



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CHIPWEA COUNTY

Barron County, WI

2400

2500

2600

2700

2800

2900

3000

State Farm
Family Insurance Checkup
It's a no-cost review of your insurance coverages and needs
 See Agent:
Patricia Asuma Ins Agcy Inc.
 7 W Eau Claire Street • Rice Lake, WI
 (715) 234-2102
Like a good neighbor, State Farm is there.®
statefarm.com™
 State Farm Insurance Companies, Home Offices: Bloomington, Illinois
AUTO • LIFE • HOME • HEALTH

NEDLAND INDUSTRIES, INC.
 SOLID WASTE & RECYCLING
 EQUIPMENT & SYSTEMS
 Phone: (715) 949-1982
 315 Railroad Street
 Ridgeland, Wisconsin 54763
Quality Products Since 1945

Butterfield Drilling & Irrigation

395 Reed St.
Somerset, Wi 54025
715 247 4873 office



Farm: Dairy Field

Grower: Fall Line Farms- Baptiste

10/6/2016

Systems:	Length	Spans	Total area including endgun
● Pivot 4	1117.93 ft	(No spans)	102.84 acres

Pipe and Wire:	Length / Size	Description
● Pipe 1	1363.54 ft / ??	



Pivot 4

Pivot Area: **90.13** acres
 Endgun Area: **12.71** acres
 Total Area: **102.84** acres

System Length: **1117.93** ft
 # of Spans: **0**
 Deg. of Sweep: **360.0°**
 Endgun Throw: **100.0** ft

Color on map:



Spans

No spans have been defined for this system.

Endgun Areas

Endgun 1: (Throw = 100.0 ft)

# of Areas: 3	Start / Stop Angle (Deg. from North)	Start / Stop Angle (Deg. from Pivot Start)	Start / Stop Location (Lat/Long)		Area (acres)
Area 1	23.8° / 67.4°	- NA - / - NA -	45.264127284° -91.574972849°	45.262497723° -91.572714290°	2.04
Area 2	99.6° / 220.8°	- NA - / - NA -	45.260810568° -91.572442596°	45.258999450° -91.579561652°	5.67
Area 3	230.4° / 337.0°	- NA - / - NA -	45.259364370° -91.580068093°	45.264144618° -91.578419261°	4.99



Service is our Business