7489 property 14182

RECEIVED-DNR

AUG 1 - 2016

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)

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

2. Owner Information (if different than applicant)

Owner (Name of Person and Title)		Company		
JDH Cranberries, LLC				
Street Address		City	State	ZIP Code
W6150 County Road F		Necedah	WI	54646
Phone Number (include area code)	Fax Number	Email Address		
608 572 0076				

3. Operator Information

Operator, if different than owner (Name of Person and Title)		Company		
same				
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.

Drilling of a water supply well to be used to supply water for cranberry operation.

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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Applicant Information

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

Property Information

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

County	Town	Range	Section	High Capacity Well File No. (if applicable)
Adams	17 N	06 ◉East ○West	26	None-No wells at present

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	
none						

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

Existing WCR's show a clay layer from about 30 to 50' that would mitigate any effects of this proposed well on area surface waters.

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.):	Tenpas 91821	
Town/Range/Section:	NE ¼ SW ¼ 26 S 17 T 06 R E	¼ ¼ S T R
Latitude :	43.9137	
Longitude:	89.7478	
Water Use Code (e.g. IR10):	IR23 Cranberry irrigation	
Proposed Maximum Water Usage Per Day in Gallons:	1728000	
Proposed Maximum Water Usage Per Month in Gallons:	51840000	
Months of Operation (e.g. May - Sept):	April-January	
Proposed Pump Type & Capacity(gpm):	Lineshaft turbine 1200 gpm	
Discharge Type (Over Top of Casing Seal, Pitless Adapter or Unit):	Top	
Discharge Location (Building Pressure Tank, Pond, etc.):	Free air drop to discharge reservoir	
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 30 '	from 0 ' to '
Material and Depth Interval:	clay from 30 ' to 50 '	from ' to '
Material and Depth Interval:	sand from 50 ' to 125 '	from ' to '
Material and Depth Interval:	from ' to '	from ' to '
Drillhole Diameter and Anticipated Depth Intervals:		
Diameter and Depth Interval:	16 from 0 ' to 125 '	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 85 '	" dia " thick from 0 ' 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 '
Diameter and Wall Thickness	" dia " thick from ' to '	" dia " thick from ' to '
Casing Material and Joints (Welded, T and C, etc.):	Steel, welded	
Weight at Depth Interval	12.58 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.)	Johnson v-wire galv., k-packer attachement	
Screen Slot Size in Inches and Depth Interval or N/A if none:	16" x 40 slot from 85 ' to 125 '	from ' to '
Annular Space Material Including Filter Pack Material, If Used:		
Material and Depth Interval:	mounded bentonite / 0 ' to 30 '	/ 0 ' to '

Applicant Signature		
Name – Print Paul Roberts		Select One: ○ Owner ◉ Agent of Owner
Signature	Company Roberts Irrigation Company	Date 7-27-16

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

WISCONSIN UNIQUE WELL NUMBER
SOURCE: WELL CONSTRUCTION **SW363**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Property Owner: MAAS, HAROLD
Telephone Number: - -
Depth 69 FT

Mailing Address: 902 DYKE AVE

City: ADAMS | State: WI | Zip Code: 53910

County of Well Location: 1 ADAMS WC
Co Well Permit No: W
Well Completion Date: July 18, 2005

Well Constructor: BRUCE A WALKER
License #: 6143
Facility ID (Public):

Address: WISCONSIN WELL & WATER
Public Well Plan Approval#:

City: GRAND MARSH | State: WI | Zip Code: 53936
Date Of Approval:

Hicap Well #: Common Well #:
.3 gpm/ft

1. Well Location
T T=Town C=City V=Village of ADAMS
Fire# 902
Street Address or Road Name and Number: DYKE AVE
Subdivision Name: Lot#: Block #:

Gov't Lot or SE 1/4 of SE 1/4 of
Section 27 T 17 N R 6 E

2. Well Type 2 1=New 2=Replacement 3=Reconstruction (See item 12 below)
GRN Status
of previous unique well # _____ constructed in _____
Reason for replaced or reconstructed Well?
OLD WELL LOW PRODUCTION

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

3. Well Serves # of homes and or (eg: barn, restaurant, church, school, industry, etc.)
P M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity: Well? N Property? N

4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties? Y
Well located in floodplain? N
Distance in feet from well to nearest: (including proposed)

1. Landfill
4 2. Building Overhang
54 3. 1=Septic 2= Holding Tank
66 4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8. 1 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer: ___ units ___ in . diam.
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23. Other manure Storage
24. Ditch
25. Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia.(in.)	From (ft)	To (ft)
4.0	surface	69

Upper Enlarged Drillhole / Lower Open Bedrock
X -- 1. Rotary - Mud Circulation
-- 2. Rotary - Air
-- 3. Rotary - Air and Foam
-- 4. Drill-Through Casing Hammer
-- 5. Reverse Rotary
-- 6. Cable-tool Bit _____ in. dia
-- 7. Temp. Outer Casing _____ in. dia. _____ depth ft. Removed ?
Other

Geology Codes	8. Geology Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft.)
__S_	SAND	0	32
__X_	SAND/CLAY	32	50
__Y_	SAND & GRAVEL	50	69

6. Casing Liner Screen

Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
4.0	CRESLINE PVC 1120 SDR21 200 PSI ASTM D2241 FA80	surface	67

Dia.(in.)	Screen type, material & slot size	From	To
4.0	SS WW 18	67	69

9. Static Water Level
10.0 feet B ground surface A=Above B=Below

10. Pump Test
Pumping level 55.0 ft. below surface
Pumping at 15.0 GPM 2.00 Hrs

11. Well Is: A Grade
16 in. A=Above B=Below
Developed? Y
Disinfected? Y
Capped? Y

7. Grout or Other Sealing Material From #

12. Did you notify the owner of the need to permanently abandon and fill all

WISCONSIN UNIQUE WELL NUMBER
SOURCE: WELL CONSTRUCTION **SW363**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
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Depth 69 FT

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Address: WISCONSIN WELL & WATER | Public Well Plan Approval#

City: GRAND MARSH | State: WI | Zip Code: 53936 | Date Of Approval

Hicap Well # | Common Well # | .3 gpm/ft

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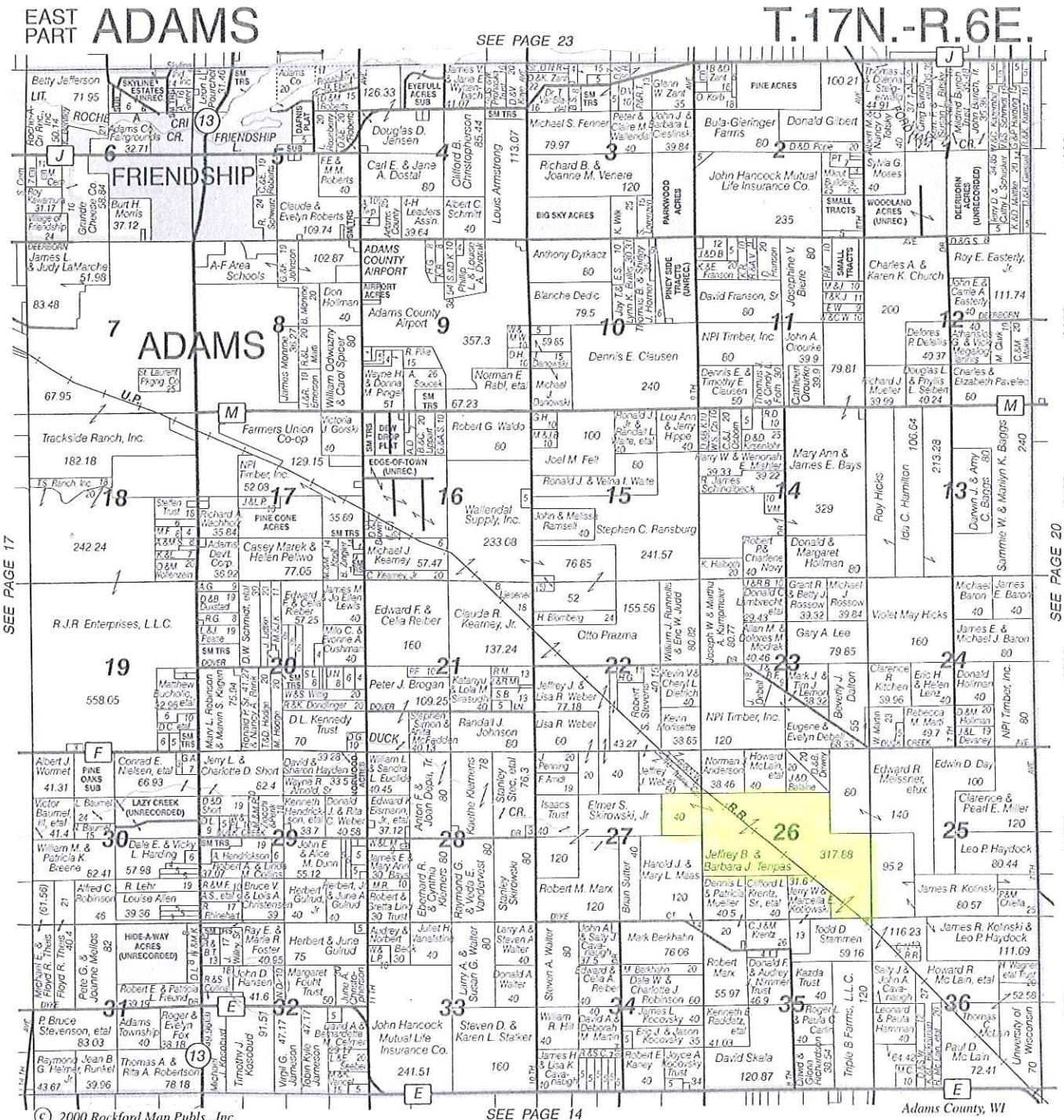

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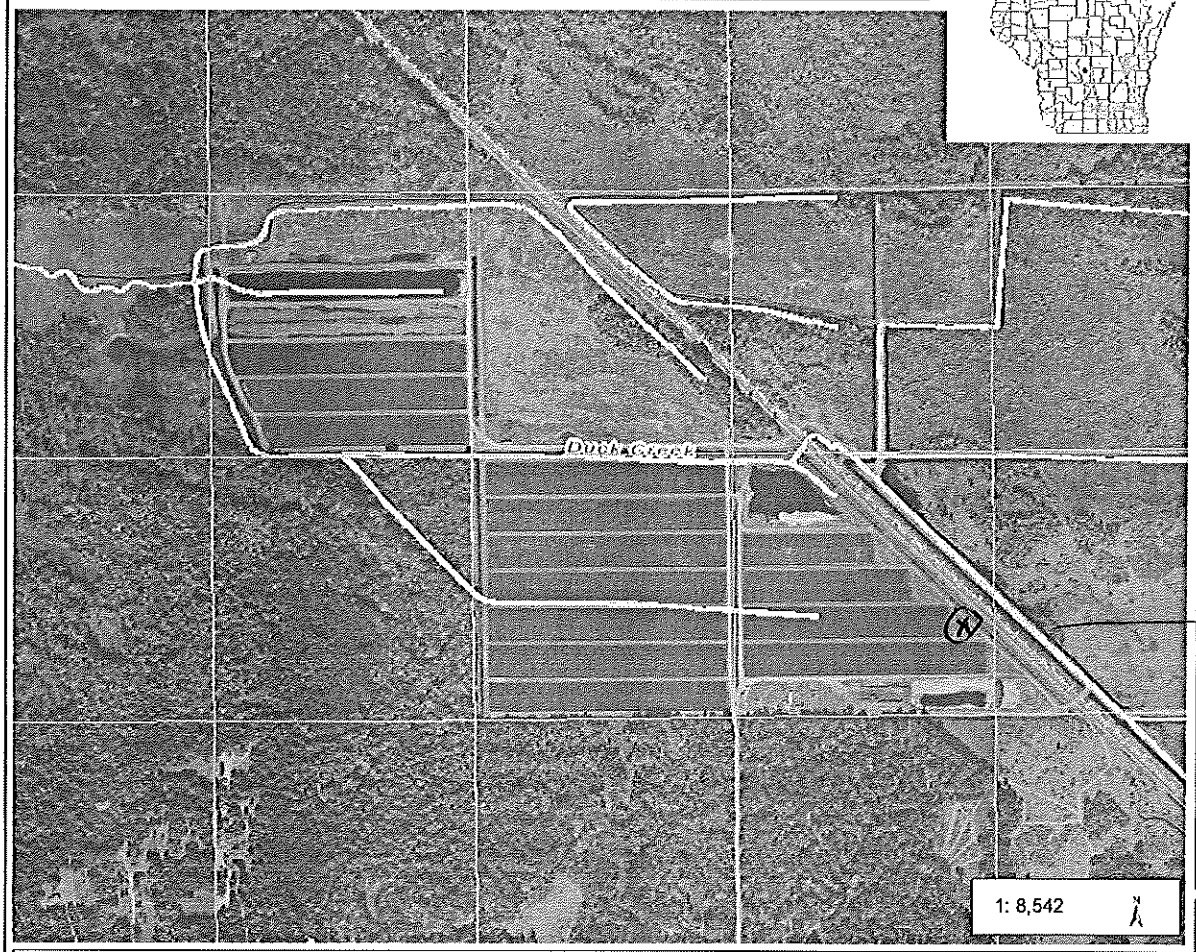
Surface Water Data Viewer Map



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)

43.9137
85.7478

Notes

0.3 0 0.13 0.3 Miles

NAD_1983_HARN_Wisconsin_TM

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