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DRINKING WATER & GW

State of Wisconsin
Department of Natural Resources
PO Box 7921
Madison WI 53707-7921

High Capacity Dewatering Well Application

Form 3300-258 (R 11/02)

Notice: Prior department approval is required for the construction, reconstruction or operation of a high capacity well or system of high capacity wells in accordance with Section NR 812.09(4)(a), Wisconsin Administrative Code. Personally identifiable information collected on this form, including such data as your name, address and phone number, will be used for management of department programs and is unlikely to be used for other purposes. This information will be addressable under Wisconsin's Open Records Laws, ss. 19.32 - 19.39, Wis. Stats.

Project Name and Description

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Wautoma Municipal Airport / Dewatering for New Fuel Tanks

Dewatering System Property Owner

Name and Title	Company			
Tom Bohler / City Administrator	City of Wautoma			
Street Address	**City**	**State**	**ZIP Code**	**Contact Person**
PO Box 428	Wautoma	WI	54982	Tom Bohler
Telephone Number	**Fax Number**	**E-Mail Address**		
715-787-4044	715-787-4505	cwautoma@centurytel.net		

Dewatering System Operator

Name and Title	Company			
John Fahrner / President	Fahrner Trucking & Excavating			
Street Address	**City**	**State**	**ZIP Code**	**Contact Person**
PO Box 36	Plover	WI	54467	John Fahrner
Telephone Number	**Fax Number**	**E-Mail Address**		
715-341-8902	715-341-4180	excavatinginc@gmail.com		

Proposed Dewatering System Location

Quarter of the Quarter	Quarter or Government Lot Number	Section Number or French Long Lot Number	
		21 & 28	
Township	**Range**		**County**
T 35 N	R 5 ☐ East ☒ West	☒ City ☐ Village ☐ Civil Town OF Wautoma	Waushara

Street or Grid Address (fire number)

W8471 Cottonville Dr., Wautoma WI 54982

Dewatering System Operation

Name of Nearest Public Utility Well	Proposed Total Average Pumpage per Day	Proposed Total Maximum Pumpage per Day
Bird Creek Park		1,000,000 gallons

Distance from Public Utility Well	Discharge Location Description (e.g. storm sewer, drainage swale, settling basin, etc.)
2.7 ☐ Feet ☒ Miles	large open grass area

Direction (e.g. WNW) to Public Utility Well	Total Number of Dewatering Wells/Points in Project
North	15
Proposed Pump (Dewatering System) Capacity	**Number of Wells/Points in Use at Any Given Time**
750 gallons per minute	15
Dewatering Project Start Date (MM/DD/YYYY)	**Dewatering Project Completion Date (MM/DD/YYYY)**
October 1, 2016	October 10, 2016

Proposed Aquifer Formation	At a Depth of:	Static Water Level	Proposed Dewatering Water Level
sand	20'	7'	13'

Well Construction

Total well depth (feet)	Borehole diameter (inches)	Drilling method (e.g. rotary, jetting, percussion, etc.)
20	2"	Jetting

Geologic formations to be penetrated by well (e.g. sand, gravel, clay, sandstone, limestone, etc.)

Sand

Casing depth (feet)	Well casing wall thickness (in.)	Casing material (e.g. steel, schedule 40 PVC)	Casing diameter (inches)
16'	.154"	Steel	2"

Well Construction (continued)

Method of connecting well casing segments ☐ weld ☐ solvent weld ☒ threaded/mechanical	Height of well casing termination above local ground elevation (in) 16"

Well screen material (e.g. wire wound steel, slotted PVC) Wire Wound S.S.	Well screen length (ft) 4'	Well screen diameter (in) 2"
Method of attaching screen to well casing or placing screen Thread	Type of well screen ☒ wire wound ☐ slotted pipe	Engineered gravel pack around screen ☐ yes ☒ no

Annular space seal material (e.g. bentonite, cement, native material) bentonite	Method of placing annular seal (e.g. tremie pipe) mounded

Pump Installation

Pump type (e.g. submersible, vacuum)	Individual pump capacity (gpm)	Well seal type and design	Check valve location
Vacuum	1000gpm	Thread	Pump

Well Abandonment

Well abandonment method (e.g. fill with bentonite, collapsing formation, etc.)
collapsing formation & bentonite fill

Enclosures

- ☐ Plat map (project location marked)
- ☐ Engineering plan map of project (do not submit complete set of plans)
- ☐ Contamination sites (BRRTS information) with well locations and discharge location (www.dnr.state.wi.us/org/aw/rr/brrts/index.htm)
- ☒ Well construction diagram with dimensions
- ☒ Drawing of manifold design if multiple wells are connected together
- ☐ Discharge drawing
- ☐ If WPDES permit already issued, attach copy

Variance Request Signature

Are you requesting a variance for the proposed well(s) to have less than 25 feet of casing or for a variance to any part of ch. NR 812, Wis. Adm. Code? If yes, property owner signature requried.

Property Owner Signature Paul Roberts	Date Signed 8-30-16

Applicant

Name: Last	First	MI	Signature
Roberts	PAUL		

Street Address	City	State	ZIP Code	Date (mm/dd/yyyy)
PO Box 490	Plover	WI	54467	8-30-16

Company Name	(Area Code) Telephone Number	E-Mail Address
Roberts Irrigation	715-344-4747	proberts@callroberts.com

Department Use Only

Receipt Date (mm/dd/yyyy)	Response Date (mm/dd/yyyy)
Review Engineer	Authorized Signature
Calculated Public Utility Well Drawdown Value or No Expected Impact Judgement Feet ☐ No Expected Significant Impact	Action: Conditions of approval are attached if approved. ☐ Approved ☐ Denied

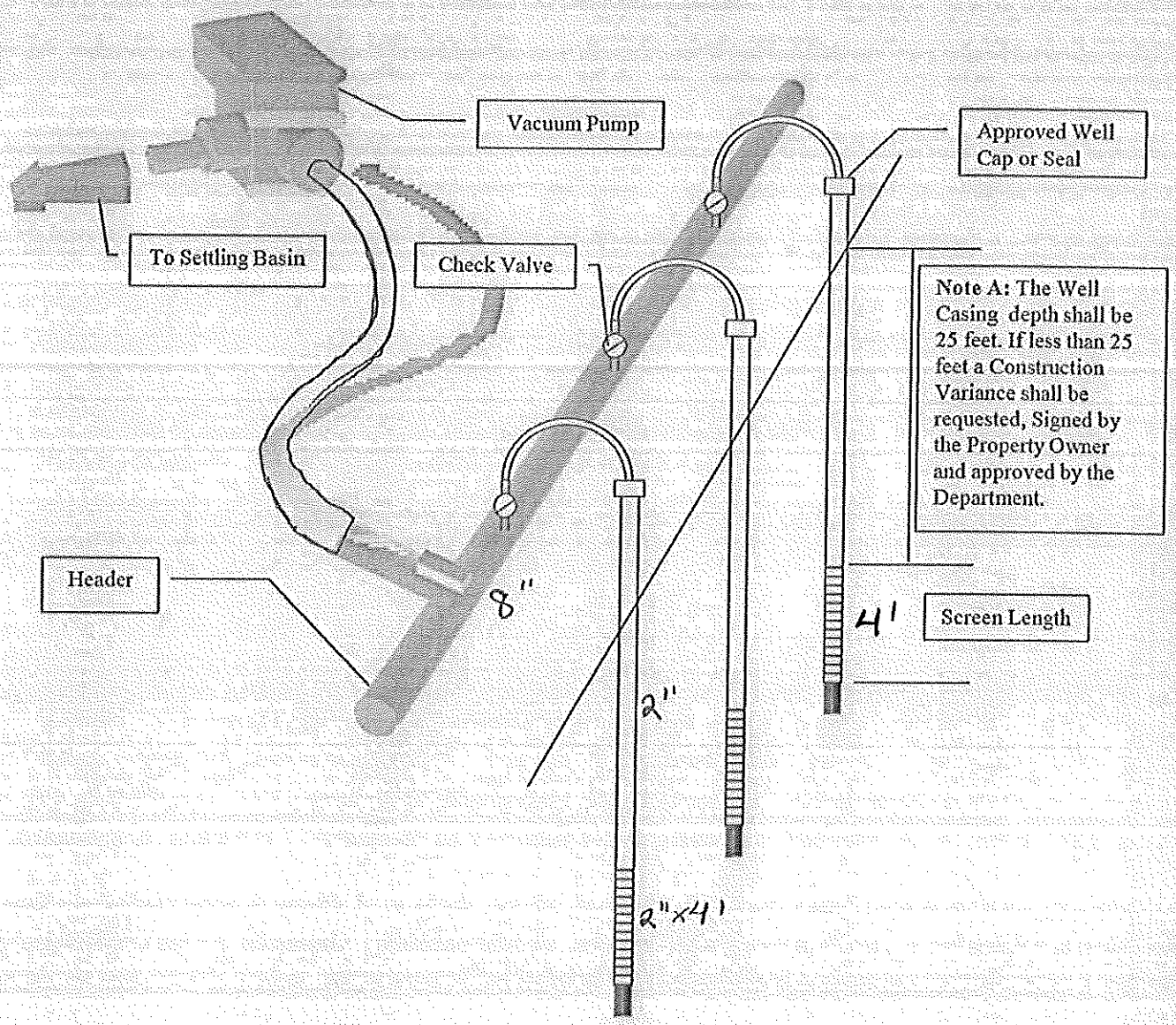
DEWATERING VARIANCE REQUEST August 3, 2016

A variance is requested for this project from the minimum 25' casing depth. This variance is requested because:

1. The project is temporary in nature
2. The project may not be feasible if a casing depth of 25' is used

Signed Pat Rohich

Property Owner Information: Note: Same as application.



Basic Dewatering Discharge for a Multiple Well Point Operation