DRINKING WATER & GW
SEP 06 2016
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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) SEP 06 2016

DRINKING WATER & GW

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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The Retreat at Prairie Creek, Apartment Complex

Dewatering System Property Owner

Name and Title	Company			
Wangard Partners, Inc.	Wangard Partners, Inc.			
Street Address	**City**	**State**	**ZIP Code**	**Contact Person**
1200 N. Mayfair Rd.	Milwaukee	Wi	53226	Michael Cockroft
Telephone Number	**Fax Number**	**E-Mail Address**		
414-777-1200	N/A	mcockroft@wangard.com		

Dewatering System Operator

Name and Title	Company			
Mike Stroik	Heartland Construction, Inc.			
Street Address	**City**	**State**	**ZIP Code**	**Contact Person**
393 Hartford, Rd.	Slinger	Wi	53086	Mike Stroik
Telephone Number	**Fax Number**	**E-Mail Address**		
262-644-9331	262-644-9944	mike@heartlandconstruction.net		

Proposed Dewatering System Location

Quarter of the Quarter	Quarter or Government Lot Number	Section Number or French Long Lot Number
S.E. ¼ of The S.E. ¼		27

Township	Range			County
T 08 N	R 17	☒ East ☐ West	☒ City ☐ Village ☐ Civil Town OF Oconomowoc	Waukesha

Street or Grid Address (fire number)

Dewatering System Operation

Name of Nearest Public Utility Well	Proposed Total Average Pumpage per Day	Proposed Total Maximum Pumpage per Day
City of Oconomowoc - Well No. 4 corner of N. Lapham St. & Lake Dr.	3,600,000.	3,600,000 gallons

Distance from Public Utility Well	Discharge Location Description (e.g. storm sewer, drainage swale, settling basin, etc.)
6700 ☒ Feet ☐ Miles	Flow Spreader

Direction (e.g. WNW) to Public Utility Well	Total Number of Dewatering Wells/Points in Project
North West	20
Proposed Pump (Dewatering System) Capacity	**Number of Wells/Points in Use at Any Given Time**
250 gallons per minute	10
Dewatering Project Start Date (MM/DD/YYYY)	**Dewatering Project Completion Date (MM/DD/YYYY)**
9-12 to 9-19	10-31-16

Proposed Aquifer Formation	At a Depth of:	Static Water Level	Proposed Dewatering Water Level
		4' Below Surface	13' Below Surface

Well Construction

Total well depth (feet)	Borehole diameter (inches)	Drilling method (e.g. rotary, jetting, percussion, etc.)
25'	39"	Rotary

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

Casing depth (feet)	Well casing wall thickness (in.)	Casing material (e.g. steel, schedule 40 PVC)	Casing diameter (inches)
27'	.25	Steel	12"

Well Construction (continued)

Method of connecting well casing segments	Height of well casing termination above local ground elevation (in)	
☒ weld ☐ solvent weld ☐ threaded/mechanical	12" min.	
Well screen material (e.g. wire wound steel, slotted PVC)	**Well screen length (ft)**	**Well screen diameter (in)**
Louvred Well Screen	12'	12"
Method of attaching screen to well casing or placing screen	**Type of well screen**	**Engineered gravel pack around screen**
Welded Joint	☐ wire wound ☒ slotted pipe	☒ yes ☐ no
Annular space seal material (e.g. bentonite, cement, native material)	**Method of placing annular seal (e.g. tremie pipe)**	
Bentonite	Bentonite Slurry	

Pump Installation

Pump type (e.g. submersible, vacuum)	Individual pump capacity (gpm)	Well seal type and design	Check valve location
Submersible	250	Rubber Boot Seal	at Discharge Pipe

Well Abandonment

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

Collapsing formation

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 N/A

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	Date Signed

Applicant

Name: Last	First	MI	Signature
Stroik	Michael	H	

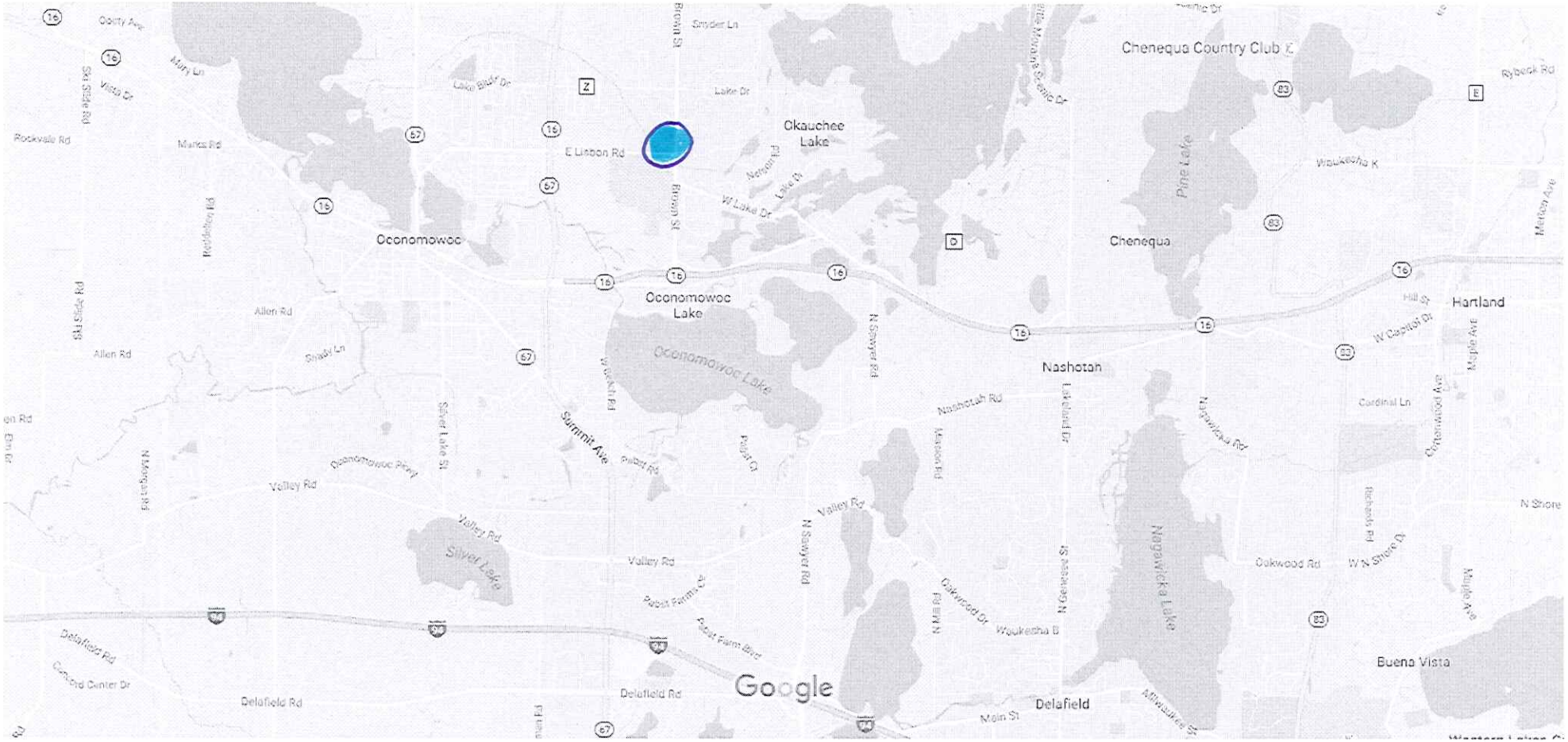
Street Address	City	State	ZIP Code	Date (mm/dd/yyyy)
393 Hartford, Rd.	Slinger	Wi	53086	9-1-16

Company Name	(Area Code) Telephone Number	E-Mail Address
Heartland Const. Inc.	262-644-9331	mike@heartlandconstruction.net

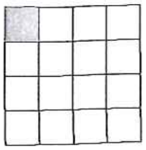
Department Use Only

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

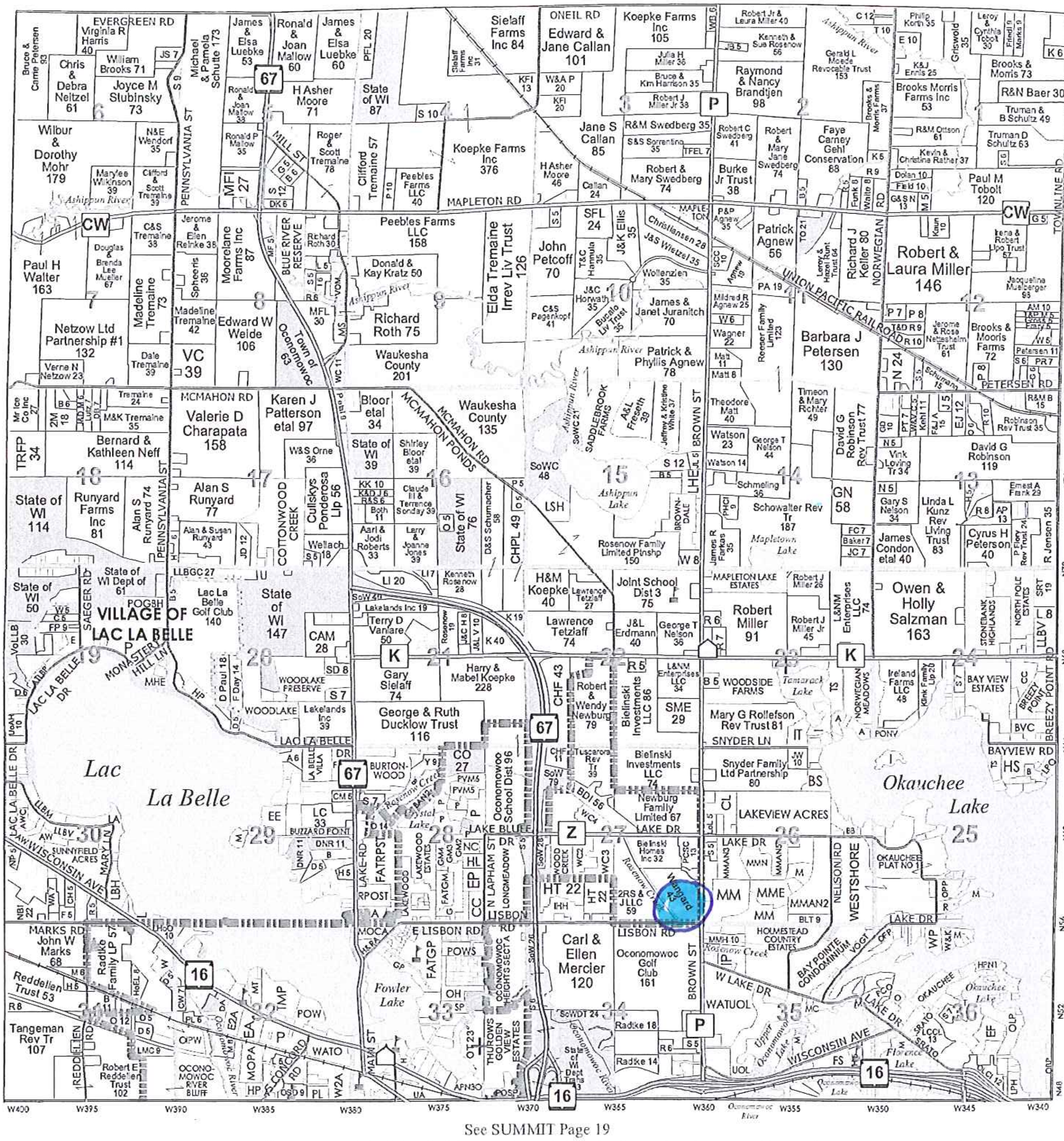
Google Maps



Map data ©2016 Google 1 mi



DODGE COUNTY



JEFFERSON COUNTY

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LAKE COUNTRY ENGINEERING, INC.

Mark Powers, R.L.S. Rob Davy, P.E.

★ Surveying ★ Civil Engineering
★ Residential ★ Commercial

★ Over 40 years of experience in Southeastern Wisconsin ★

PH: (262) 569-9331

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