

7524

RECEIVED-DNR

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

SEP 12 2016

## High Capacity Dewatering Well Application

Form 3300-258 (R 11/02)

Page 1 of 4

## DRINKING WATER &amp; 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**

Project Name and Description

NWTC Renovation/Expansion Project

**Dewatering System Property Owner**

Name and Title Northeast Wisconsin Technical College		Company NWTC		
Street Address 1601 University Drive	City Marinette	State WI	ZIP Code 54143	Contact Person Danielle Kerkoff
Telephone Number 920-498-6909	Fax Number 715-732-3493	E-Mail Address danielle.kerkoff@nwtc.edu		

**Dewatering System Operator**

Name and Title Joel C. Barley President		Company Barley Excavating, Inc		
Street Address 1824 10th Ave	City Menominee	State MI	ZIP Code 49858	Contact Person Joel C. Barley
Telephone Number 906-290-2222	Fax Number 906-863-5200	E-Mail Address jbarley@barleyex.com		

**Proposed Dewatering System Location**

Quarter of the Quarter NW 1/4 of the SE 1/4	Quarter or Government Lot Number	Section Number or French Long Lot Number Section 18		
Township T <u>30</u> N	Range R <u>24</u>	<input checked="" type="checkbox"/> East <input type="checkbox"/> West	<input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Civil Town	County OF Marinette Marinette

Street or Grid Address (fire number)

1601 University Drive, Marinette WI 54143

**Dewatering System Operation**

Name of Nearest Public Utility Well City of Peshtigo, #4	Proposed Total Average Pumpage per Day 260,000	Proposed Total Maximum Pumpage per Day 500,000 gallons	
Distance from Public Utility Well 5.4 <input type="checkbox"/> Feet <input checked="" type="checkbox"/> Miles	Discharge Location Description (e.g. storm sewer, drainage swale, settling basin, etc.) County Ditch System		
Direction (e.g. WNW) to Public Utility Well SW	Total Number of Dewatering Wells/Points in Project 60		
Proposed Pump (Dewatering System) Capacity 1,200 gallons per minute	Number of Wells/Points in Use at Any Given Time 60		
Dewatering Project Start Date (MM/DD/YYYY) 09/23/2016	Dewatering Project Completion Date (MM/DD/YYYY) 11/15/2016		
Proposed Aquifer Formation Sand	At a Depth of: 26'	Static Water Level 596.00	Proposed Dewatering Water Level 591.00

**Well Construction**

Total well depth (feet) 20'	Borehole diameter (inches) 6"	Drilling method (e.g. rotary, jetting, percussion, etc.) jetting	
Geologic formations to be penetrated by well (e.g. sand, gravel, clay, sandstone, limestone, etc.) Sand			
Casing depth (feet) N/A	Well casing wall thickness (in.) N/A	Casing material (e.g. steel, schedule 40 PVC) PVC Wellpoints	Casing diameter (inches) 2"

# High Capacity Dewatering Well Application

Form 3300-258 (R 9/02)

Page 2 of 4

<b>Well Construction (continued)</b>		
Method of connecting well casing segments <input type="checkbox"/> weld <input checked="" type="checkbox"/> solvent weld <input type="checkbox"/> threaded/mechanical	Height of well casing termination above local ground elevation (in) 2'	
Well screen material (e.g. wire wound steel, slotted PVC) Slotted PVC	Well screen length (ft) 3'	Well screen diameter (in) 2"
Method of attaching screen to well casing or placing screen N/A	Type of well screen <input type="checkbox"/> wire wound <input checked="" type="checkbox"/> slotted pipe	Engineered gravel pack around screen <input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Annular space seal material (e.g. bentonite, cement, native material) Washed Sand	Method of placing annular seal (e.g. tremie pipe) Gravity	

<b>Pump Installation</b>			
Pump type (e.g. submersible, vacuum) Vacum	Individual pump capacity (gpm) 1200 gpm	Well seal type and design N/A	Check valve location N/A

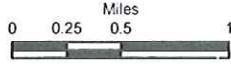
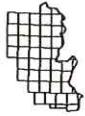
<b>Well Abandonment</b>
Well abandonment method (e.g. fill with bentonite, collapsing formation, etc.) Native sand

<b>Enclosures</b>
<input checked="" type="checkbox"/> Plat map (project location marked)
<input checked="" type="checkbox"/> Engineering plan map of project (do not submit complete set of plans)
<input checked="" type="checkbox"/> Contamination sites (BRRTS information) with well locations and discharge location ( <a href="http://www.dnr.state.wi.us/org/aw/rr/brrts/index.htm">www.dnr.state.wi.us/org/aw/rr/brrts/index.htm</a> )
<input checked="" type="checkbox"/> Well construction diagram with dimensions
<input checked="" type="checkbox"/> Drawing of manifold design if multiple wells are connected together
<input checked="" type="checkbox"/> Discharge drawing
<input type="checkbox"/> If WPDES permit already issued, attach copy

<b>Variance Request Signature</b>	
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 required.	
Property Owner Signature	Date Signed

<b>Applicant</b>						
Name: Last Barley	First Joel	MI C	Signature 			
Street Address 1824 10th Ave	City Menominee	State MI	ZIP Code 49858	Date (mm/dd/yyyy) 09/08/2016		
Company Name Barley Excavating, Inc.	(Area Code) Telephone Number 906-290-2222	E-Mail Address jbarley@barleyex.com				

<b>Department Use Only</b>	
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 <input type="checkbox"/> No Expected Significant Impact	Action: Conditions of approval are attached if approved.  <input type="checkbox"/> Approved <input type="checkbox"/> Denied



# PESHTIGO (NE) T30N - R24E CITY OF MARINETTE T30N - R25E



*The Bank of the People... Serving Both Sides of the River*



**FARMERS & MERCHANTS  
BANK & TRUST**

*A Dependable FULL SERVICE Bank*

**800-789-6617**



*Downtown*  
1644 Ludington St.  
Marinette, WI 54143

**715-735-6617**

*Roosevelt Road*  
2811 Roosevelt Road  
Marinette, WI 54143

**715-732-4411**

*Crivitz Branch*  
114 S. Hwy. 141  
Crivitz, WI 54114

**715-854-7445**

**www.fmmarinette.com**

Lutheran Church

University Dr

Marinette County  
Energy Asstnc

Wisconsin Job  
Center-Marinette

Green Gable Rd

BP

B

NWTC Marinette Campus



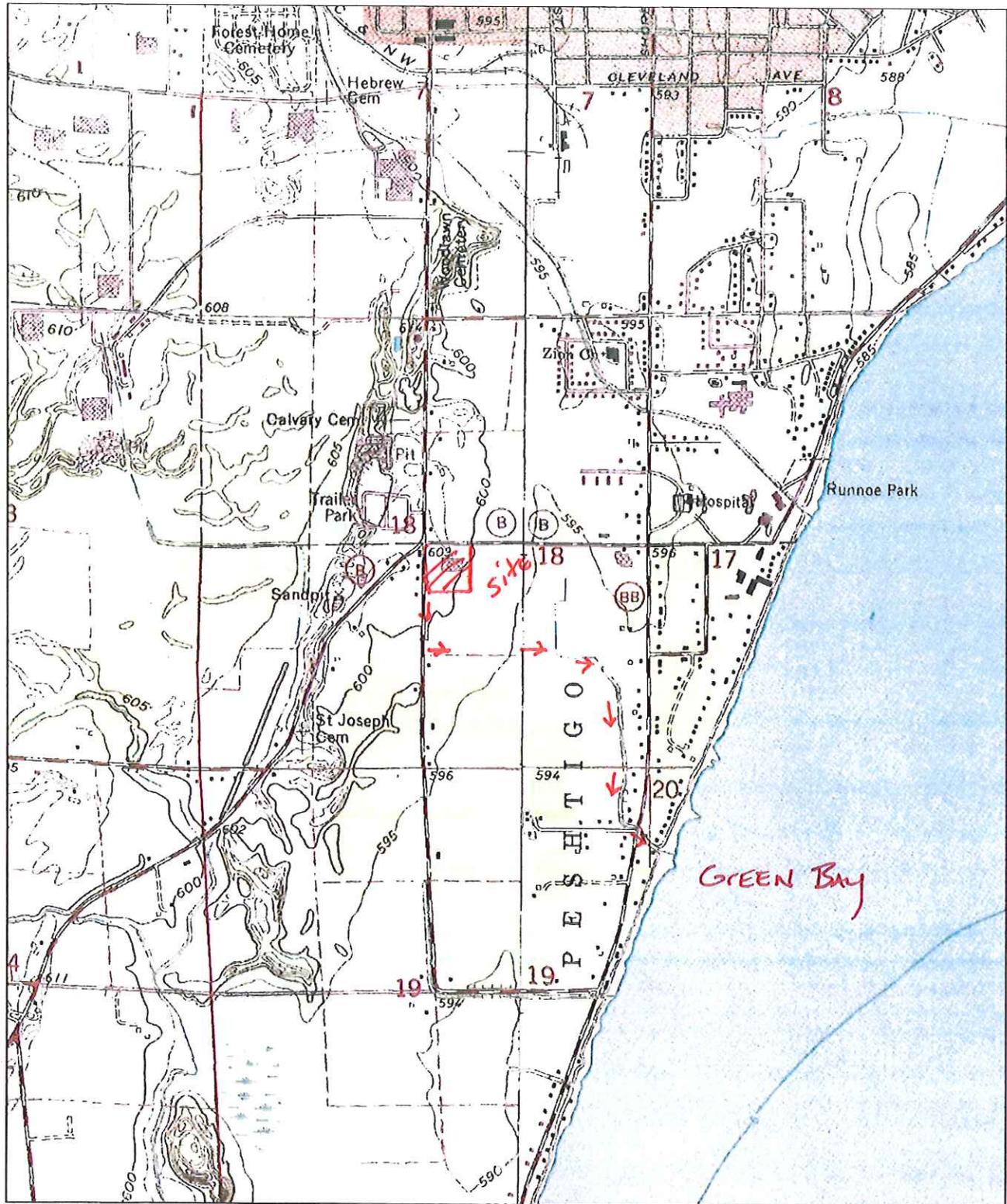
1601 University Drive

Green Gable Rd

B

Green Gable Rd

Green C



Map provided by MyTopo.com