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

Project Name and Description: Middleton Center Excavation, Earth Retention & Site Utilities

Dewatering System Property Owner

Name and Title	Company			
Scott Tebon - Director of Construction	Middleton Center Ph 1, LLC			
Street Address	**City**	**State**	**ZIP Code**	**Contact Person**
PO Box 620037	Middleton	WI	53562	Scott Tebon
Telephone Number	**Fax Number**	**E-Mail Address**		
608-416-3261		scott@twallenterprises.com		

Dewatering System Operator

Name and Title	Company			
Seth Zimmerman - Project Manager	Terra Engineering & Construction			
Street Address	**City**	**State**	**ZIP Code**	**Contact Person**
2409 Vondron Rd	Madison	WI	53718	Seth Zimmerman
Telephone Number	**Fax Number**	**E-Mail Address**		
608-210-3907	608-221-4075	SRZimmerman@whyterra.com		

Proposed Dewatering System Location

Quarter of the Quarter	Quarter or Government Lot Number	Section Number or French Long Lot Number
NE 1/4 of SE 1/4	070811319052	11

Township	Range			County
T 7 N	R 8	☒ East ☐ West	☒ City ☐ Village ☐ Civil Town OF Middleton	Dane

Street or Grid Address (fire number): 1818 Parmenter Street Middleton, WI 53562 (-43.095215, -89.511580)

Dewatering System Operation

Name of Nearest Public Utility Well	Proposed Total Average Pumpage per Day	Proposed Total Maximum Pumpage per Day
	25 gpm	70 gpm gallons

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

Direction (e.g. WNW) to Public Utility Well	Total Number of Dewatering Wells/Points in Project
	85

Proposed Pump (Dewatering System) Capacity	Number of Wells/Points in Use at Any Given Time
70 gallons per minute	85

Dewatering Project Start Date (MM/DD/YYYY)	Dewatering Project Completion Date (MM/DD/YYYY)
7/28/16	12-15-16

Proposed Aquifer Formation	At a Depth of:	Static Water Level	Proposed Dewatering Water Level
Sand	0-25	-11	-16

Well Construction

Total well depth (feet)	Borehole diameter (inches)	Drilling method (e.g. rotary, jetting, percussion, etc.)
25'0"	6"	Jetting

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

Casing depth (feet)	Well casing wall thickness (in.)	Casing material (e.g. steel, schedule 40 PVC)	Casing diameter (inches)
25'	SCH 40 PVC	PVC	1 1/2"

Well Construction (continued)

Method of connecting well casing segments	Height of well casing termination above local ground elevation (in)	
☐ weld ☒ solvent weld ☐ threaded/mechanical	1'0"	
Well screen material (e.g. wire wound steel, slotted PVC)	**Well screen length (ft)**	**Well screen diameter (in)**
PVC	20"	1 1/2"
Method of attaching screen to well casing or placing screen	**Type of well screen**	**Engineered gravel pack around screen**
Solvent Weld	☐ 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)**	
native material & Bentonite	Hand Shovel	

Pump Installation

Pump type (e.g. submersible, vacuum)	Individual pump capacity (gpm)	Well seal type and design	Check valve location
6" Elec. Wellpoint	1000 GPM	Griffin O-Ring	Top of well point

Well Abandonment

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

Top with bentonite

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	Date Signed
	7/29/16

Applicant

Name: Last	First	MI	Signature
Zimmerman	Seth	R	

Street Address	City	State	ZIP Code	Date (mm/dd/yyyy)
2409 Vondron Rd	Madison	WI	53718	7/29/16

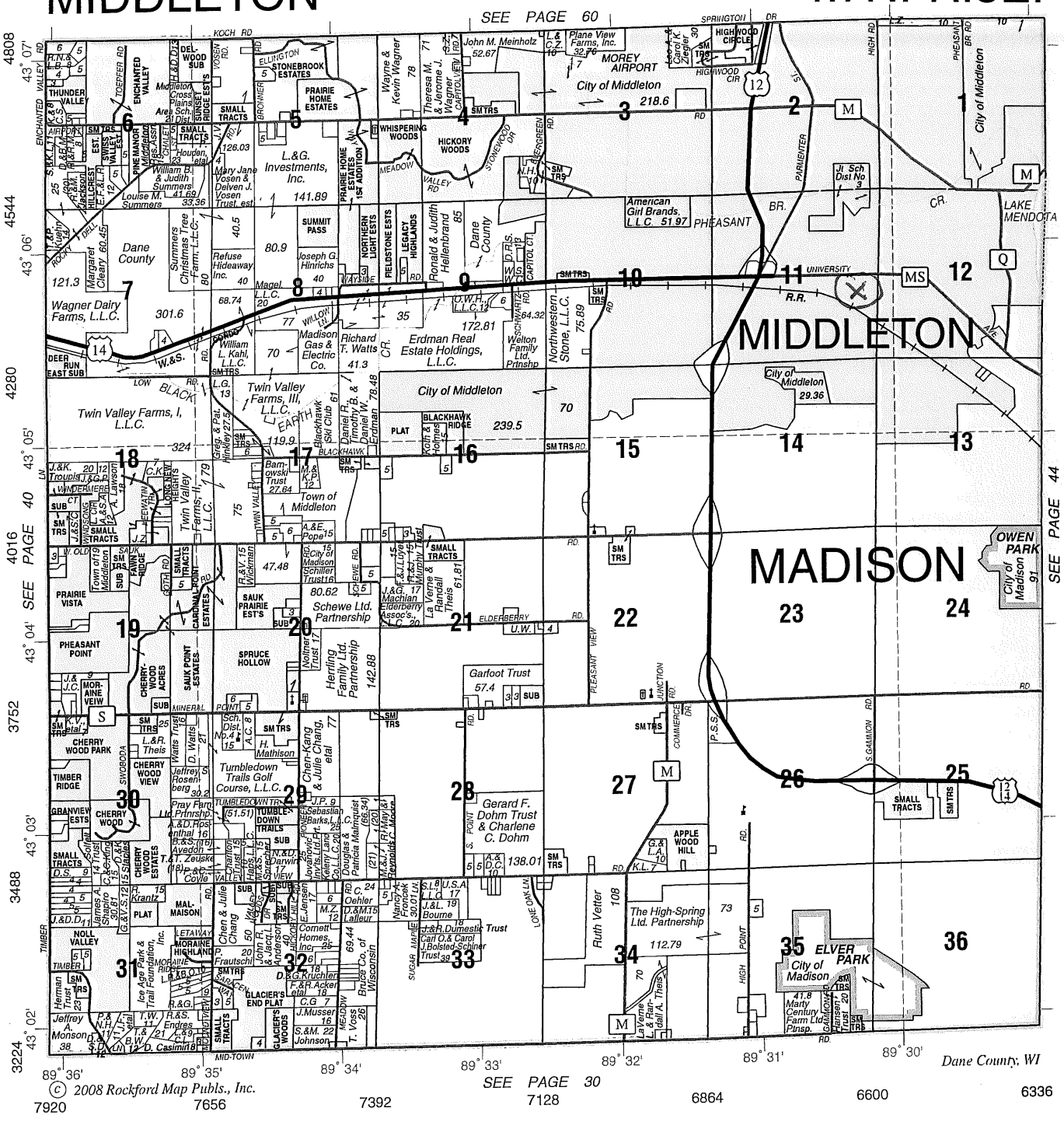
Company Name	(Area Code) Telephone Number	E-Mail Address
Terra Engineering	608-576-3806	SRZimmerman@whyterra.com

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

MIDDLETON

T.7N.-R.8E.



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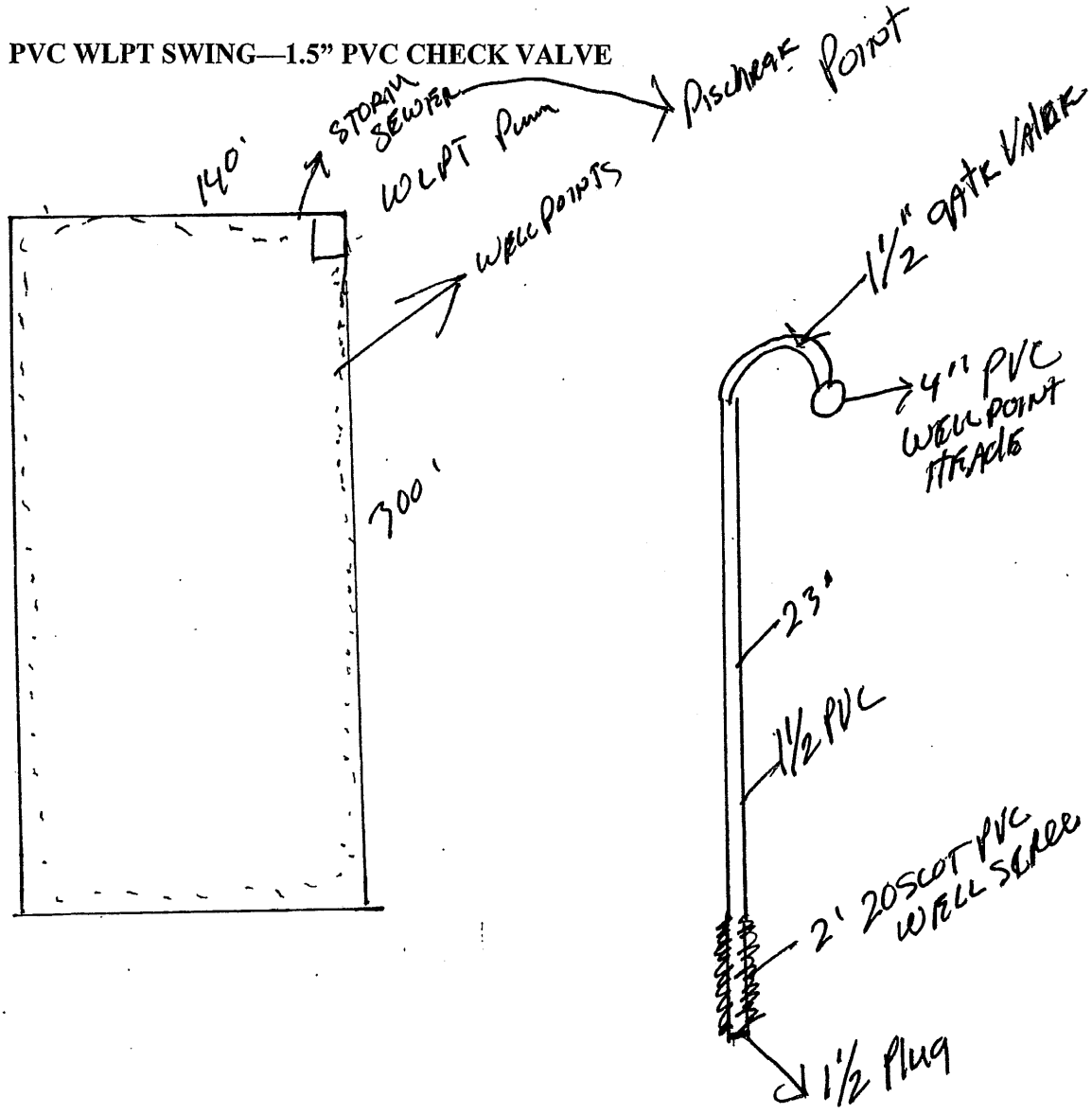
TYPICAL WELLPOINT SECTION
MIDDLETON WISCONSIN
OLD MIDDLETON CENTRE

(1) 6" ELECTRIC WELLPOINT PUMP

880' OF 4" PVC WLPT HEADER

88-25' 1.5" WELLPOINTS WITH 2' OF 20 SLOT PVC WELLPOINT SCREEN

88-1.5" PVC WLPT SWING—1.5" PVC CHECK VALVE



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
Cathy Stepp, Secretary
Mark Aquino, Regional Director

South Central Region Headquarters
3911 Fish Hatchery Road
Fitchburg, WI 53711-5397
Telephone (608) 275-3266
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TTY Access via relay - 711

July 20, 2016

Middleton Center PH 1 LLC
ATTN: Scott Tebon
PO Box 620037
Middleton, WI 53562

SUBJECT: Conditional Approval – WPDES Permit No. WI-0046566-6
Contaminated Groundwater from Remedial Action Operations
Middle Center PH1 LLC – Middleton, WI (FIN: 56394)

Dear Mr. Tebon,

The Wisconsin Department of Natural Resources (hereinafter the "department") has reviewed your application for authorization to discharge treated potentially contaminated groundwater from your Middleton Center project located at 1818 Parmenter Street, Madison, Wisconsin. Your proposed discharge is eligible for coverage, and is hereby authorized under Wisconsin Pollutant Discharge Elimination System (WPDES) Permit No. WI-0046566-6, Contaminated Groundwater from Remedial Action Operations. You are responsible for compliance with the conditions contained in the permit and this letter. The permit and fact sheet should be downloaded from the DNR website at: http://dnr.wi.gov/topic/wastewater/generalpermits.html.

Path of Discharge
Groundwater will be pumped through a series of temporary dewatering well points at an average rate of 25 gallons per minute. Following pumping, the dewatering water will be routed through a settling tank and subsequent filter bag, directed to a City of Madison storm sewer on the corner of Parmenter Street and Hubbard Avenue (Outfall 001), and ultimately discharge to Lake Mendota. The anticipated duration for dewatering is from July 20 to December 20, 2016.

General Requirements for Construction Dewatering
Please note there may be other permits and/or approvals required by the department or other state and local governments associated with your discharge activity. It is your responsibility to secure all appropriate approvals and permits prior to project startup. This letter is not inclusive of these requirements.

Permit Requirements
Notice of Discharge
James Brodzeller, DNR Wastewater Specialist, (608) 275-3281, shall be notified:

- Prior to the startup of any discharge
- Within 24 hours of the permittee being notified of any permit limit exceedance
- When the discharge has ended

Sample Point
The sample point for Outfall 001 shall be upon exiting the filter bag, and prior to entering the storm sewer inlet. All samples shall be analyzed for volatile organic contaminants (VOCs), polynuclear aromatic hydrocarbons

under s. 283.89, Stats. In order to avoid any enforcement action, **please read the WPDES permit carefully and comply with the permit requirements.**

If you believe you have a right to challenge the Department decision to cover this facility with a WPDES general permit, you should know that Wisconsin statutes and administrative rules establish time periods within which requests to review Department decisions must be filed. To request a contested case hearing pursuant to section 227.42, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of the Department of Natural Resources. Such a petition should identify pollutant(s) that are believed to be not appropriately regulated by the general permit for the specific site. All requests for contested case hearings must be made in accordance with section NR 2.05(5), Wis. Adm. Code, and served on the Secretary in accordance with section NR 2.03, Wis. Adm. Code. The filing of a request for a contested case hearing is not a prerequisite for judicial review and does not extend the time period for filing a petition for judicial review.

For judicial review of a decision pursuant to sections 227.52 and 227.53, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to file your petition with the appropriate circuit court and serve the petition on the Department. A petition for judicial review must name the Department of Natural Resources as the respondent.