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JUN 20 2016

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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Screening, Dewatering, and Hauled Waste Receiving Improvements HSW Building Dewatering Chippewa Falls

Dewatering System Property Owner

Name and Title	Company			
City of Chippewa Falls				
Street Address	**City**	**State**	**ZIP Code**	**Contact Person**
1125 W. River Street	Chippewa Falls	WI	54729	Rick Rubenzer
Telephone Number	**Fax Number**	**E-Mail Address**		
715-726-2739	715-726-2756			

Dewatering System Operator

Name and Title	Company			
Von Bergstrom Est	Northern Dewatering, Inc.			
Street Address	**City**	**State**	**ZIP Code**	**Contact Person**
14405 Northdale Blvd	Rogers	MN	55374	Von Bergstrom
Telephone Number	**Fax Number**	**E-Mail Address**		
763-428-2616	763-428-2671	vonb@northerndewatering.com		

Proposed Dewatering System Location

Quarter of the Quarter / Quarter or Government Lot Number	Section Number or French Long Lot Number		
Parcel 22809-1211-50010800			
Township	**Range**		**County**
T ____ N	R ____ ☐ East ☐ West	☒ City ☐ Village ☐ Civil Town OF **Chippewa Falls**	**Chippewa Falls**

Street or Grid Address (fire number)

1125 W River St. Chippewa Falls, WI

Dewatering System Operation

Name of Nearest Public Utility Well	Proposed Total Average Pumpage per Day	Proposed Total Maximum Pumpage per Day
Public Health For You	6,000 GPD	6,000 gallons
Distance from Public Utility Well ☐ Feet ☒ Miles: 1.7	**Discharge Location Description (e.g. storm sewer, drainage swale, settling basin, etc.)**: Storm Sewer	
Direction (e.g. WNW) to Public Utility Well: NE	**Total Number of Dewatering Wells/Points in Project**: 40 to 50 well points	
Proposed Pump (Dewatering System) Capacity: 250 gallons per minute	**Number of Wells/Points in Use at Any Given Time**: 40 to 50 well points	
Dewatering Project Start Date (MM/DD/YYYY): ASAP	**Dewatering Project Completion Date (MM/DD/YYYY)**: Within one month	

Proposed Aquifer Formation	At a Depth of:	Static Water Level	Proposed Dewatering Water Level
		825.00	817.00

Well Construction

Total well depth (feet)	Borehole diameter (inches)	Drilling method (e.g. rotary, jetting, percussion, etc.)
19'	1-1/2"	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)
19'	1/4"	Schedule 40 PVC	1-1/2"1

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" to 24"	
Well screen material (e.g. wire wound steel, slotted PVC)	Well screen length (ft)	Well screen diameter (in)
Slotted PVC	36" +/-	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	N/A	

Pump Installation

Pump type (e.g. submersible, vacuum)	Individual pump capacity (gpm)	Well seal type and design	Check valve location
Vacuum	1200 gpm		at each well point

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

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

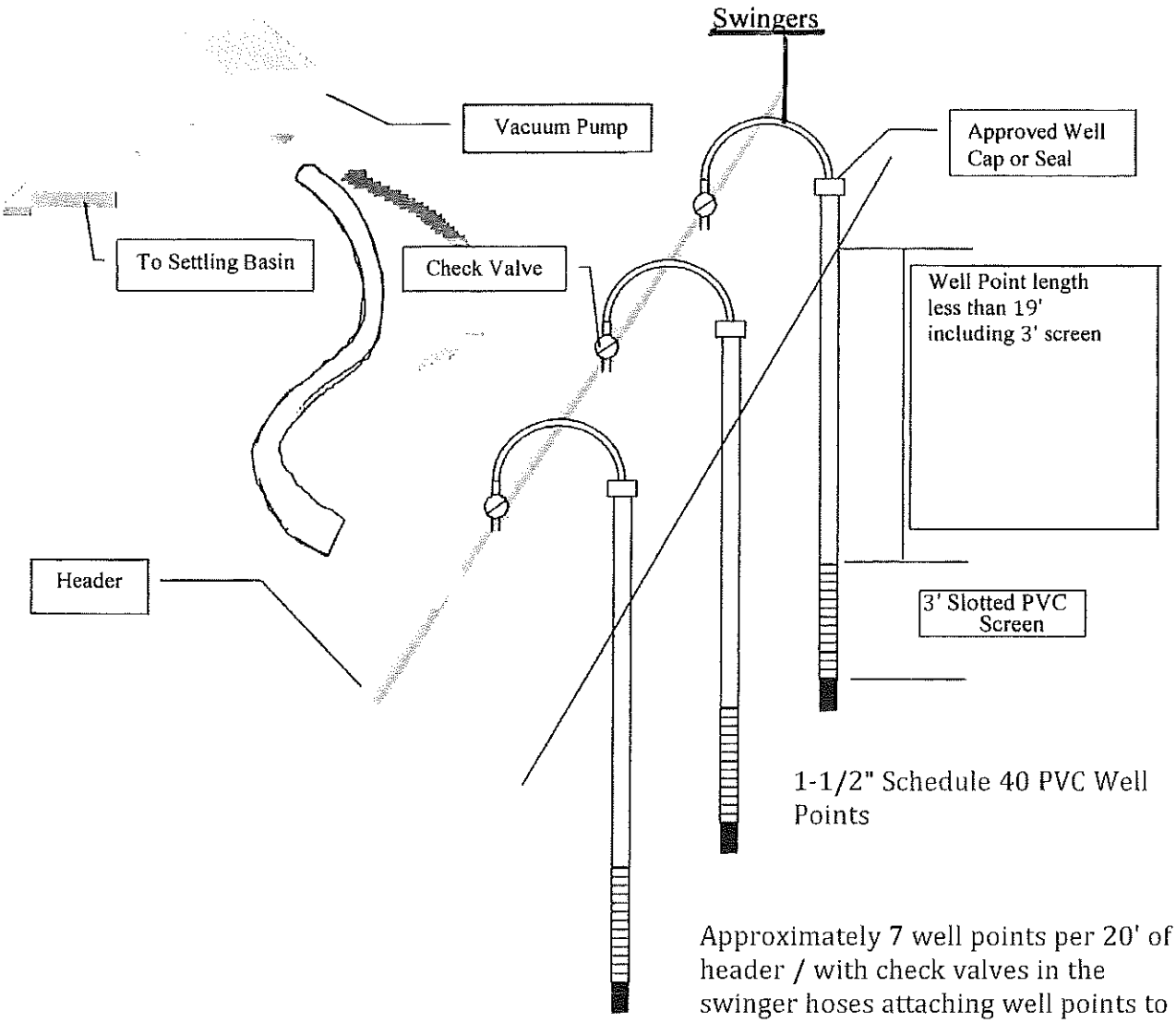
Name: Last	First	MI	Signature
Horejs	Heidi	M	

Street Address	City	State	ZIP Code	Date (mm/dd/yyyy)
855 Morris Street	Fond du Lac	WI	54935	06/16/16

Company Name	(Area Code) Telephone Number	E-Mail Address
J. F. Ahern Co.	(920) 907-5517	hhorejs@jfhaern.com

Department Use Only

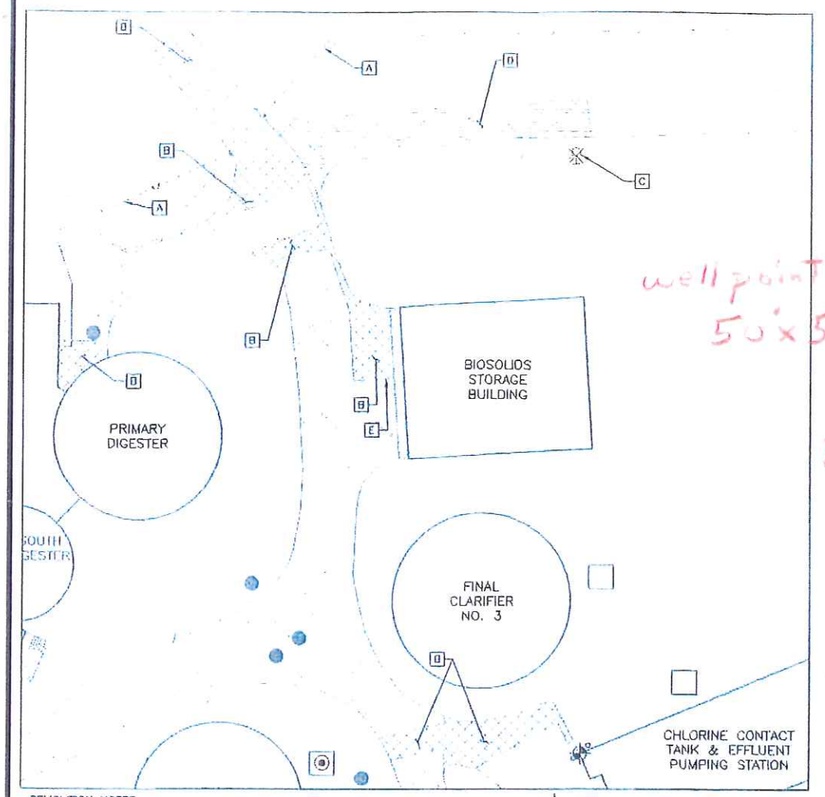
Receipt Date (mm/dd/yyyy)	Response Date (mm/dd/yyyy)
Review Engineer	Authorized Signature
Calculated Public Utility Well Drawdown Value or No Expected Impact Judgement Feet ☐ No Expected Significant Impact	Action: Conditions of approval are attached if approved. ☐ Approved ☐ Denied



Basic Dewatering Discharge for a Multiple Well Point Operation

GENERAL NOTES:

1 EXISTING CONCRETE SLUDGE DRYING BEDS ARE ABANDONED IN THE APPROXIMATT AREA NORTH OF THE CHLORINE CONTACT TANK, EAST OF THE EXISTING ASPHALT DRIVEWAY, AND SOUTH OF THE EXISTING GRAVEL DRIVEWAY. CONTRACTOR SHALL REFER TO EXISTING DRAWINGS. EXISTING CONCRETE SHALL BE REMOVED AS NECESSARY FOR NEW WORK.



DEMOLITION NOTES:

- [A] REMOVE CHAIN LINK FENCE
- [B] REMOVE EXISTING ASPHALT PAVEMENT
- [C] REMOVE EXISTING LIGHTING, POLE, ASSOCIATED CONCRETE BASE, AND CONDUIT AND WIRE BACK TO POINT OF ORIGIN.
- [D] REMOVE EXISTING GRAVEL DRIVEWAY
- [E] REMOVE EXISTING PAVEMENT TO EXTENT REQUIRED FOR PIPING MODIFICATIONS.

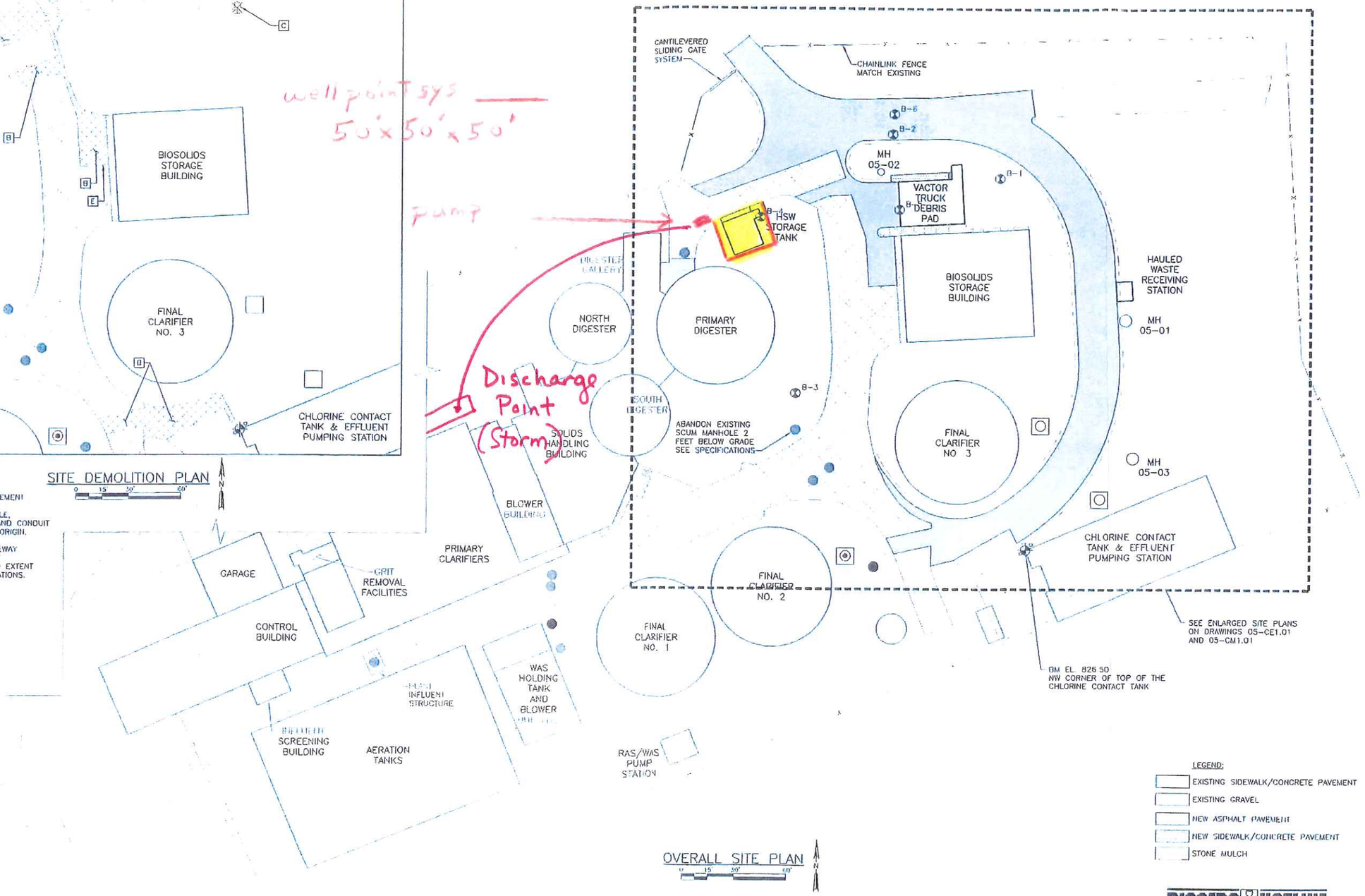
SITE DEMOLITION PLAN

0 15 30' 60'

well point sys
50'x50'x50'

Pump

Discharge Point (Storm)



OVERALL SITE PLAN

0 15 30' 60'

LEGEND:

- EXISTING SIDEWALK/CONCRETE PAVEMENT
- EXISTING GRAVEL
- NEW ASPHALT PAVEMENT
- NEW SIDEWALK/CONCRETE PAVEMENT
- STONE MULCH

DIGGERS HOTLINE

Toll Free (800) 242-8511
Milwaukee Area (414) 259-1181
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

NO.	REVISIONS	DATE:
-	ISSUED	7/9/2015

SITE DEMOLITION AND OVERALL SITE PLAN

SCREENING, DEWATERING, AND HAULED WASTE RECEIVING IMPROVEMENTS
CITY OF CHIPPEWA FALLS
CHIPPEWA COUNTY, WISCONSIN

JOB NO. 1331.007
PROJECT MGR. VERNON WITTHUHN

STRAND ASSOCIATES®

SHEET 6
05-CD1.01