Wisconsin
Department of Commerce

Safety and Buildings Division
201 W. Washington Ave., P.O. Box 7162
Madison, WI 53707 - 7162

County CRAWFORD

Site Address TAVERN ROAD

Sanitary Permit Number 458579

☐ Check if Revision

State Plan I.D. Number

Sanitary Permit Application

In accord with Comm 83.21, Wis. Adm. Code, personal information you provide may be used for secondary purposes Privacy Law, s15.04(1)(m)

I. Application Information - Please Print All Information

Property Owner's Name: John Nebeck

Parcel Number: 004-0008-0001 ~~004-0008-0000~~

Property Owner's Mailing Address: 735 N. 23rd St.

Property Location: NW¼ NW¼ S 19 T 11 N. R 3 W

Lot Number / Block Number

City, State	Zip Code	Phone Number
La Crosse WI	54601	608-782-7720

Subdivision Name / CSM Number

II. Type of Building (check all that apply)

☒ 1 or 2 Family Dwelling - Number of Bedrooms 3

☐ Public/Commercial - Describe Use

☐ State Owned

☐ City

☐ Village

☒ Township Clayton

Nearest Road Tavern Rd

III. Type of Permit: (Check only one box on line A (numbering scheme for internal use). Complete line B if applicable)

A.	1 ☒ New System	2 ☐ Replacement System	3 ☐ Replacement of Tank Only	6 ☐ Addition to Existing System	For County use

B.	☐ Check if Sanitary Permit Previously Issued	Permit Number	Date Issued

IV. Type of Permit: (Check all that apply)(numbering scheme is for internal use)

44 ☒ Non-Pressurized In-Ground	21 ☐ Mound	47 ☐ Sand Filter	50 ☐ Constructed Wetland
22 ☐ Pressurized In-Ground	41 ☐ Holding Tank	48 ☐ Single Pass	51 ☐ Drip Line
45 ☐ At-Grade	46 ☐ Aerobic Treatment Unit	49 ☐ Recirculating	30 ☐ Other

V. Dispersal/Treatment Area Information

Design Flow (gpd)	Dispersal Area Required	Dispersal Area Proposed	Soil Application Rate(Gals./Days/Sq.Ft.)	Percolation Rate (Min./Inch)	System Elevation	Final Grade Elevation
450	~~900~~ 750	~~900~~ 933	~~.5~~ 0.48	—	83.8' 81.7' 79.8'	85.8' 83.7' ~~81.5'~~

VI. Tank Info

	Capacity in Gallons: New Tanks	Capacity in Gallons: Existing Tanks	Total Gallons	Number of Tanks	Manufacturer	Prefab Concrete	Site Constructed	Steel	Fiber Glass	Plastic
Septic or Holding Tank	~~1000~~	—	1000	1	Crest	X				
Dosing Chamber										

VII. Responsibility Statement- I, the undersigned, assume responsibility for installation of the POWTS shown on the attached plans.

Plumber's Name (Print)	Plumber's Signature	MP/~~MPRS~~ Number	Business Phone Number
Donald Lee Olson	Donald Lee Olson	3999	608-624-5451

Plumber's Address (Street, City, State, Zip Code)

12340 Hwy 131 Soldiers Grove WI 54655

VIII. County/Department Use Only

☒ Approved	☐ Disapproved ☐ Owner Given Initial Adverse Determination	Sanitary Permit Fee (includes Groundwater Surcharge Fee)	Date Issued	Issuing Agent Signature (No Stamps)
		NEW: $200 / ~~REP: $120~~	OCT 13TH 2004	Ryan Cox

IX. Conditions of Approval/Reasons for Disapproval

Attach complete plans (to the County only) for the system on paper not less than 8½ x 11 inches in size

Wisconsin Department of Commerce
Division of Safety and Buildings

SOIL EVALUATION REPORT

In accordance with Comm 85, Wis. Adm. Code

Attach complete site plan on paper not less than 8 1/2 x 11 inches in size. Plan must include, but not limited to: vertical and horizontal reference point (BM), direction and percent slope, scale or dimensions, north arrow, and location and distance to nearest road.

Please print all information.

Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04 (1) (m)).

County: CRAWFORD
Parcel I.D.: 004-0008-0000
Reviewed by: Rybarczyk
Date: 09.14.00

Property Owner: RON HOGAN - OWNER / JOHN H. NEBECK - BUYER
Property Owner's Mailing Address: 735 N. 23rd ST.
City: LACROSSE | State: WI | Zip Code: 54601 | Phone Number: (608) 782-7720

Property Location
Govt. Lot: NW 1/4 NW 1/4 S 19 T 11 N R 3 E (or W)
Lot #: NA | Block #: NA | Subd. Name or CSM#: NA
☐ City ☐ Village ☒ Town | Nearest Road: TAVERN RD.

☒ New Construction ☐ Replacement
Use: ☒ Residential / Number of bedrooms 3 ☐ Public or commercial - Describe:
Code derived design flow rate 450 GPD
Flood Plain elevation if applicable NA ft.
Parent material LOESS
General comments and recommendations: 900# CONVENTIONAL - PROPOSE THREE 60' CELLS WITH INFILTRATORS

1 Boring # ☐ Boring ☒ Pit

Ground surface elev. 86.1 ft. Depth to limiting factor >72 in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft² *Eff#1	*Eff#2
1	0-5	10YR 3/4	NO	sil	2 f cr	MVFR	CS	2f	.5	.8
2	5-16	10YR 3/6	NO	sil	2 f abk	MFR	GW	1f/m	.5	.8
3	16-54	10YR 4/4	NO	sil	2 m sbk	MFR	GW	1f	.5	.8
4	54-72	10YR 4/6	NO	sicl	1 m sbk	MFR	-	1vf	.2	.3

2 Boring # ☐ Boring ☒ Pit

Ground surface elev. 87.0 ft. Depth to limiting factor >74 in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft² *Eff#1	*Eff#2
1	0-4	10YR 3/2	NO	sil	2 f cr	MVFR	CS	2f	.5	.8
2	4-15	10YR 3/6	NO	sil	2 f abk	MFR	GW	1f/m	.5	.8
3	15-50	10YR 4/3	NO	sil	2 m sbk	MFR	GW	1f	.5	.8
4	50-74	10YR 4/4	NO	sicl	1 m sbk	MFR	-	1f	.2	.3

* Effluent #1 = BOD_5 > 30 ≤ 220 mg/L and TSS >30 ≤ 150 mg/L
* Effluent #2 = BOD_5 ≤ 30 mg/L and TSS ≤ 30 mg/L

CST Name (Please Print): PATRICK E. BABBITT
Signature:
CST Number: 22532
Address: 30957 PANNY LN., LONE ROCK, WI 53556
Date Evaluation Conducted: 9/11/00
Telephone Number: 647-4958

Property Owner _____ Parcel ID # _____ Page 2 of 3

3 Boring # ☐ Boring ☒ Pit Ground surface elev. 79.8 ft. Depth to limiting factor >72 in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft² *Eff#1	*Eff#2
1	0-7	10YR3/2	NO	sil	2fCR	MVFR	CS	2f	.5	.8
2	7-18	10YR3/6	NO	sil	2fabK	MFR	GW	1F/m	.5	.8
3	18-52	10YR4/3	NO	sil	2msbK	MFR	GW	1F	.5	.8
4	52-72	10YR4/6	NO	sicl	1msbK	MFR	—	1M	.2	.3

☐ Boring # ☐ Boring ☐ Pit Ground surface elev. _____ ft. Depth to limiting factor _____ in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft² *Eff#1	*Eff#2

☐ Boring # ☐ Boring ☐ Pit Ground surface elev. _____ ft. Depth to limiting factor _____ in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft² *Eff#1	*Eff#2

* Effluent #1 = BOD_5 > 30 ≤ 220 mg/L and TSS >30 ≤ 150 mg/L

* Effluent #2 = BOD_5 ≤ 30 mg/L and TSS ≤ 30 mg/L

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PLOT PLAN

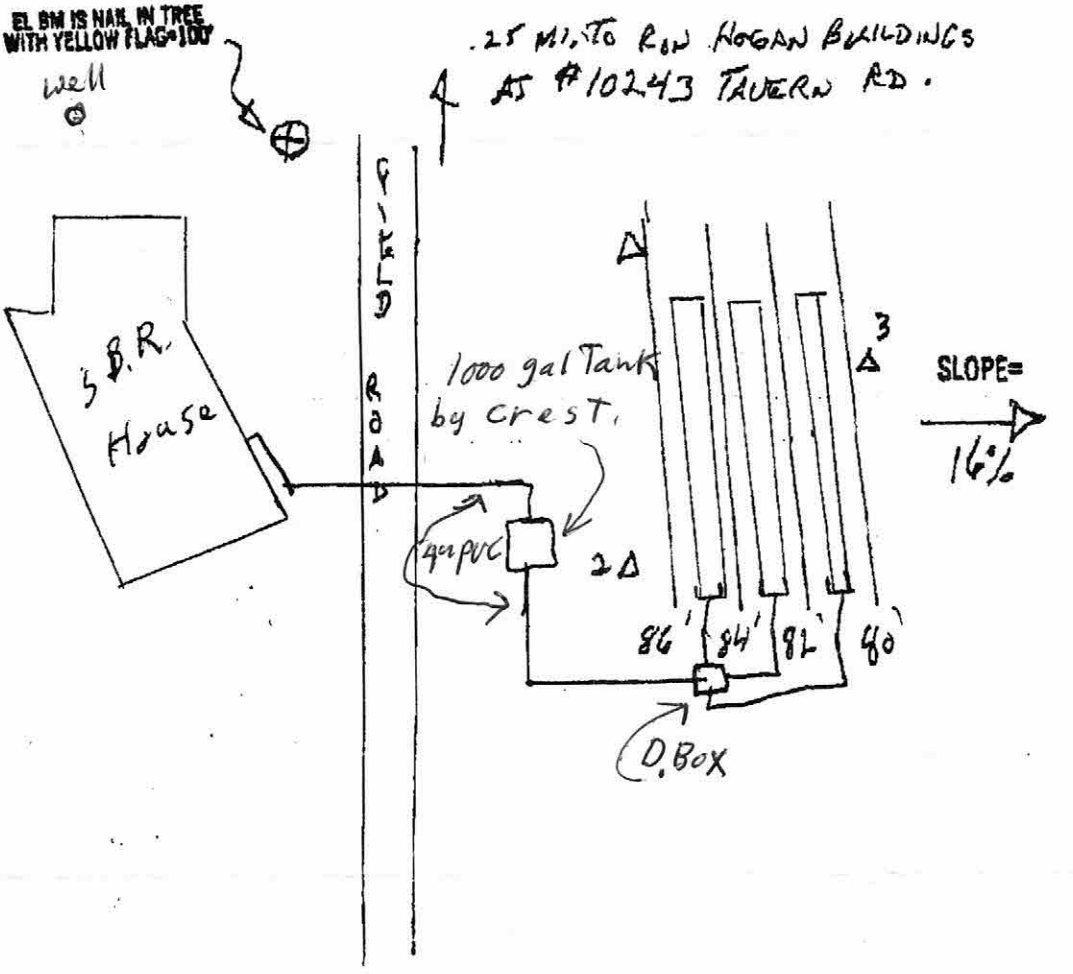
PAGE 1 OF 3

FOR: JOHN NEBECK
NW 1/4 NW 1/4 S19
T11NR3W
CLAYTON TOWNSHIP
CRAWFORD CO., WI

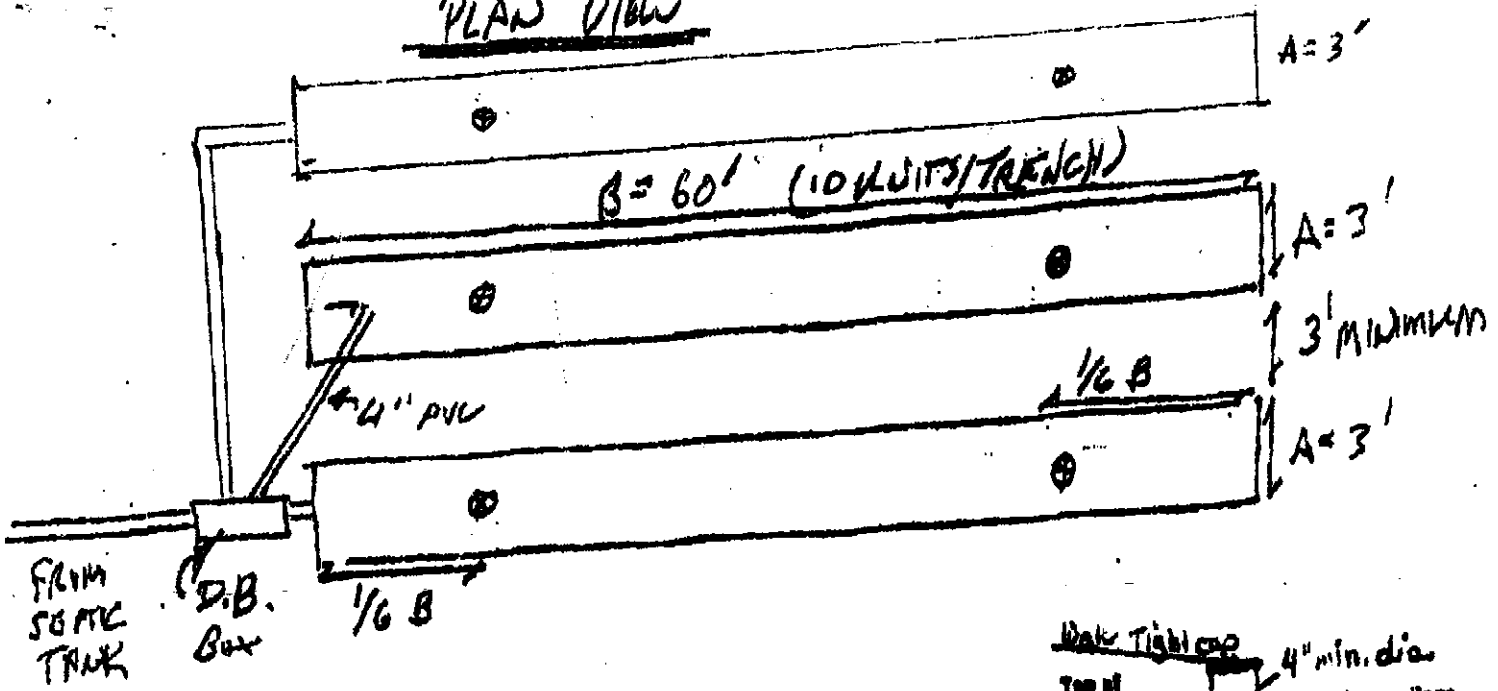
1" = 40'
BORE TEST = Δ

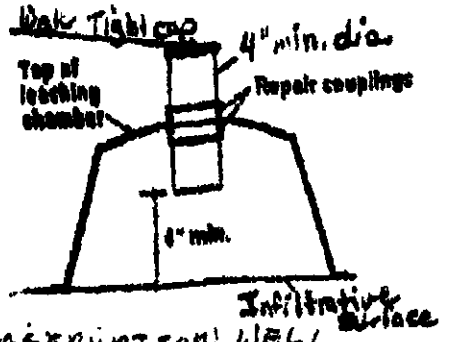
NO WELL ON LOT, WELL TO BE:
25 FT. MIN. FROM SEPTIC/DOSE TANK(S)
50 FT. MIN. FROM SEPTIC SYSTEM.

PROPOSE 20 ACRE PARCEL
NO LOT LINES ON DIAGRAM.



PLAN VIEW

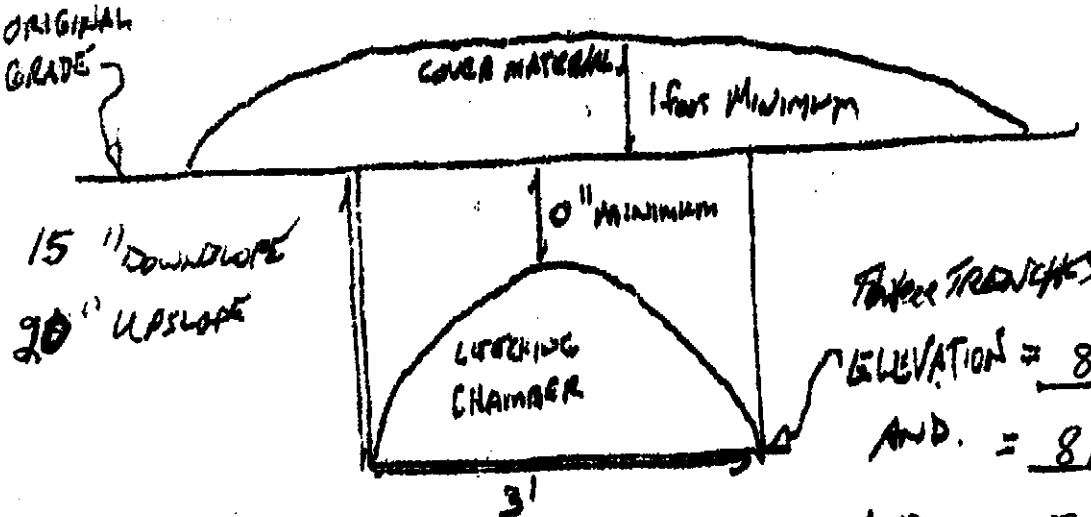




⊗ = 4" PVC OBSERVATION WELL

OBSERVATION WELL

END VIEW
NO SCALE



FOUR TRENCHES

ELEVATION = 83.8'

AND. = 81.7'

AND = 79.8'

UNDERSTANDING AND TAKING CARE OF YOUR POWTS

Management of a Conventional System With a Pump

Congratulations! You are now the owner of a Private Onsite waste Treatment system, or POWTS. Your system was designed and installed according to ch. Comm. 83 of the WI Admin. code, and, thus, should provide you and the environment with years of service. However, it is up to you, the owner of the POWTS, to provide for its maintenance and operation to ensure those years of service.

Your POWTS is a conventional system with a pump, which is also called a non-pressurized inground system with a pump. The reason this POWTS has a pump is that the elevation of the absorption area is higher than the pipe that carries the waste water out of your building. Note that these names for your POWTS include the word "system." A system is a group of parts which function together to provide certain results. Your POWTS has been designed to use the soil on your site to absorb your waste water and to treat that waste water so that it can not harm the environment.

The main components of your POWTS are really quite simple. Pipes in your system convey the waste water from your building to the absorption area or areas. On the way they route your waste water through a septic tank.

Your septic tank is a big concrete box rigged up to prevent solids in the waste water from reaching the absorption area(s) and plugging them. Generally, the solids that enter your septic tank either float or sink. Grease, oil, paper and other things float. These are trapped by the baffle at the tank inlet and the filter at the tank outlet and form the "scum" layer. Other substances in your waste water sink (think about it) and fall to the bottom of the tank and become the "sludge" layer. Some bacterial action takes place in the septic tank reducing the volume of scum and sludge.

You are working in your garden and come in for lunch. You decide to wash your hands. A couple gallons of waste water flow from your sink to the septic tank where the solids begin to separate, the soil sinking and the soap suds floating. At the outlet end of the septic tank a couple gallons of water flow out of the tank, and into the pump tank. When the pump tank gets full enough a switch is activated which turns on the pump. In a matter of a few minutes over a hundred gallons of waste water is pumped from the tank to the absorption area and soaks into the soil.

A few words about the pump tank are in order. Like so many things in life, having a waste water pump is a trade off. The pump involves mechanical parts which will eventually fail. However, by pumping a quantity of waste water into the absorption area only a few times a day the absorption area has time to dry out. This allows aerobic bacteria to break down the mat that causes "organic" failure (read on), and greatly increases the life of the absorption area.

If something goes wrong in the pump tank an alarm will be activated. This lets you know there has been a malfunction. You should contact your installer right away. You will be able to continue using water for a day or so because there is extra storage capacity built into the pump tank to allow for this.

The absorption area is a trench or trenches dug in the ground. It is filled with gravel and piping, or, it may have leeching chambers called infiltrators. The absorption area was sized by you, your soil tester, and your plumber based on the capabilities of the soil on your site and the anticipated waste water flow from your building. Some pipes stick up above the ground over the absorption area. Some of these are observation wells and these may be cut off low enough to the ground to be capped and mowed over. Vents also stick up, these must remain above ground to allow proper air flow through the system.

Every septic system ever built eventually fails. It's like the tires on your vehicle, the minute you start using them they start wearing out. But, you have some control over how long they last. The same with your POWTS.

One way for an absorption area to fail is "hydraulically." This means more waste water is being put into the

system than the soil can absorb. This is the most common way for a system to fail in the first few years. Reasonable use of water will prevent hydraulic failure. Plumbing fixtures must be maintained. Leaky sinks and running toilets produce lots of unnecessary waste water.

Also, sensible conservation practices, such as only running the dish or clothes washer when full, and trying to get the kids out of the shower, are important. If your system is properly sized normal water use should be no problem, do not feel guilty using water, just be reasonable.

The quantity of waste water that goes into your POWTS is important, but so is the quality of the waste water. Any extra grease or oil in the waste water is very bad for the POWTS. Also, avoid adding any extra solids, such as feminine hygiene products, cigarette butts, and the like to your waste water. The POWTS is not able to treat volatile organic liquids, such as paint thinner. Do not add large amounts of such chemicals to your waste water.

The way most POWTS eventually fail is called "organic" failure. This occurs when so much organic matter has entered the absorption area that the soil can no longer soak up the waste water. With modern septic tank sizing and the required use of filters organic failure should take many years to occur. You can help make your POWTS last with some simple maintenance.

Maintenance of your POWTS should take place at the time of a problem, complaint, or failure, but no less often than every three years.

Maintenance of your POWTS centers mainly around the septic tank and its components. There is a filter in your POWTS, nearly always at the outlet of the septic tank. Your installer should have shown you how to access and service this filter. If your interior drains start to run slowly, plugging of this filter should be suspected and it should be cleaned.

Your septic tank has been sized to last 3 years before the scum and sludge need to be removed from the tank. If the septic tank becomes too full of solids something has to give. Waste water could back up into your building, a smelly and expensive mess. Or. worse yet, solids could spill over into the absorption area causing early system failure. Having your septic tank pumped out by a properly licensed person every 3 years is just good maintenance, like changing your vehicle's oil. At the time the septic tank is pumped it is a good idea to have the pumper empty out the pump tank also. Some solids may have settled in the pump tank and removing them will prevent them from ever getting into the absorption area.

Also at 3 year intervals a properly licensed person should give your POWTS a general looking over. This inspection should include checking each component for structural integrity, abuse, wear and inappropriate use. A report regarding this inspection may have to be filed per ch. Comm. 83, WI Adm. Code.

Your POWTS has been designed and installed to provide many years of use, but only if you, the owner, provide proper operation and management.

Contingency plan: in the event of the failure of this POWTS the plan to provide a POWTS for this site is:

X To test for another POWTS or install a holding tank.

_____To replace the POWTS in the already tested area.

Private Sewage System Elevation Data Form

Permit Holders Name: John Nebeck

Date of Installation: 10-13-04

Septic Tank Model/Size: Crest 1000

Filter Make/Model: Zable 1000

Elevation Data (Station)	Stick Reading
Benchmark (original)	could not find.
Building Sewer	
Septic Tank In	2.88'
Septic Tank Out	3.1'
Pump Tank In	
Pump Tank Out	
Pump Pad	
Siphon Tank Out	
Bottom of Cell #1	8.4'
Top of Grade Stake Cell #1	
Top of Distribution Pipe Cell #1	
Bottom of Cell #2	9.03'
Top of Grade Stake Cell #2	
Top of Distribution Pipe Cell #2	
Bottom of Cell #3	10.35'
Top of Grade Stake Cell #3	
Top of Distribution Pipe Cell #3	
Original Contour Line (Mound, At-Grade)	
Alternate Benchmark man hole Lid	-1.7'

Elevation Data Completed By: Donald Lee Olson

Credential No.: M.P. 3999

Wisconsin
Department of Commerce
Safety and Buildings Division

PRIVATE ONSITE WASTE TREATMENT SYSTEMS (POWTS) INSPECTION REPORT

(ATTACH TO PERMIT)

County	Sanitary Permit No:	State Plan Transaction ID#:	Parcel Tax No:
CRAWFORD	458579	—	004 0008 0000

GENERAL INFORMATION

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04 (1)(m)]

Permit Holder's Name:	☐ City ☐ Village ☒ Town of:	
NEBECK	CLAYTON	
CST BM Elev:	Insp BM Elev:	BM Description:
		GONE

TANK INFORMATION

TYPE	MANUFACTURER	CAPACITY
Septic	CREST	1000
Dosing	W ZABEL A100 FILTER	
Aeration		
Holding		

TANK SETBACK INFORMATION

TANK TO	P/L	WELL	BLDG	VENT TO AIR INTAKE	ROAD
Septic					NA
Dosing					NA
Aeration					NA
Holding					

PUMP / SIPHON INFORMATION

Manufacturer			Demand
Model Number			GPM
TDH Lift	Friction Loss	System Head	TDH Ft
Forcemain	Length	Dia	Dist. To Well

ELEVATION DATA

STATION	BS	HI	FS	ELEV
Benchmark				
MANHOLE LID	-1.70	98.30		100.00
Bldg. Sewer				
St / Ht Inlet			2.88	95.42
St / Ht Outlet			3.11	95.19
Dt Inlet				
Dt Bottom				
Installation Contour				
Header / Man.				
Dist. Pipe				
Infiltrative Surface		1	8.40	89.90
~~Final Grade~~		2	9.03	89.27
		3	10.35	87.95

DISPERSAL CELL INFORMATION

DIMENSIONS	Width	Length	No of Cells	
SETBACK INFORMATION	P / L	Bldg	Well	OHWM of Nav Waters
CELL TO				

Type of System		Manufacturer:
	LEACHING CHAMBER	Model Number:

DISTRIBUTION SYSTEM

X Pressure Systems Only

Header / Manifold	Distribution Pipe(s)	X Hole Size	X Hole Spacing	Observation Pipes
Length _____ Dia _____	Length _____ Dia _____ Spac _____			☐ Yes ☐ No

SOIL COVER

Depth Over Cell Center	Depth Over Cell Edges	Depth of Topsoil	Seeded / Sodded	Mulched
			☐ Yes ☐ No	☐ Yes ☐ No

COMMENTS: (Include code discrepancies, persons present, etc.)

COUNTY NOT AVAILABLE FOR INSPECTION.
BENCHMARK GONE. ELEVATIONS REFERENCED TO MANHOLE.
ABOVE INFO SUPPLIED BY PLUMBER.

Plan revision required? ☐ Yes ☐ No

Use other side for additional information

Date	POWTS Inspector's Signature	Cert No
10 / 04		7145 7