Long Lake Geoprobe Well & Boring Forms

- Monitoring Well Construction (4400-113A)
- Monitoring Well Development (4400-113B)
- Borehole Abandonment (3300-05)

State of Wisconsin Department of Natural Resources Route to: V	Vatershed/Wastewater	Waste Management	MONITORING WELL CONSTRUCTION
			Form 4400-113A Rev. 7-98
Facility/Project Name Central Sawall Lakel Fluxy	Local Grid Location of Well	ft. 🛛 W.	Well Name LL OI (Site ID)
Facility License, Permit or Monitoring No.	Local Grid Origin C (mtimated	() or Well Location	Wis. Unique Well No. DNR Well ID No.
WGNHS	Lat. 44, 20982 Lor	ng <u>89</u> ,45635 or	VAS17
Facility ID	St. Plane ft. N,	ft. Eft. Y/C/N	Date Well Installed
WID = 70002293	Section Location of Waste/Source		mm d d v v v v
Type of Well	1/4 of 1/4 of Sec.	_, T N, R U W	Well Installed By: Name (first, last) and Firm
Well Code 11 / MW	Location of Well Relative to Wast		Dury Kapuqi
Distance from Waste/ Enf. Stds. Sourceft. Apply	u 🗆 Upgradient s 🗆 S d 🗆 Downgradient n 🗆 N	idegradient	OUSTE Environmental
	1.33_ft. MSL	1. Cap and lock?	🙇 Yes 🗆 No
B. Well casing, top elevation _1114	€ 30 ft. MSL	2. Protective cover j a. Inside diameter	
C. Land surface elevation 1110	.92 ft. MSL	b. Length;	- <u></u> m. 5 ft.
		c. Material:	Steel $\mathbf{X} = 0.4$
D. Surface seal, bottom _ ft. MS	L or ft.		Other 🗆
12. USCS classification of soil near screen		d. Additional pro	
	wba sp 🗆 🔪 🚺	If yes, describ	
	сно 🖌		Bentonite 🕅 30
Bedrock		3. Surface scal:	$\begin{array}{c} \text{Concrete} \ \Box \ 0 \ 1 \end{array}$
13. Sieve analysis performed?	(es 🗹 No 🛛 👹 👹		Other 🗆
14. Drilling method used: Rot:	ary 🗆 50 🛛 🗱	4. Material between	well casing and protective pipe:
Hollow Stem Au	1 10/1 100		Bentonite \Box 30
	her 🗗 📉 🐘	Save	Other 🖾
		5. Annular space sea	
15. Drilling fluid used: Water □ 0 2			nud weight Bentonite-sand slurry 2 35
Drilling Mud 🗆 0 3 N	fone 🕅 99		ud weight Bentonite slurry D 31
			ite Bentonite-cement grout \Box 50
16. Drilling additives used?	es 🕰 No		volume added for any of the above
Days 5		f. How installed:	
Describe	1 199 199	1. HOW Installet.	Tremie pumped \Box 02
17. Source of water (attach analysis, if requi	ired):		Gravity 🛛 02
NA		6. Bentonite seal:	a. Bentonite granules 🔲 33
	📖 🔤	b. □1/4 in. 🕅	3/8 in. 1/2 in. Bentonite chips 🕰 3.2
E. Bentonite seal, topft. MSI	_ or ft.	/ . c	Other 🗆 🎬
F. Fine sand, top ft. MSI	_orft,	7. Fine sand meteria	I: Manufacturer, product name & mesh size
G. Filter pack, top 103.30 ft. MSL	orft.	b. Volume added	ft ³
			al: Manufacturer, product name & mesh size
H. Screen joint, top //O[.80_ft. MSL	orft.	, Ded flin	t # 40 / Native
	100	b. Volume added	ft ³
I. Well bottom 109[. 30 ft. MSL	_ or ft.	9. Well casing:	Flush threaded PVC schedule 40 🕅 23
		1 · · · ·	Flush threaded PVC schedule $80 \square 24$
J. Filter pack, bottom ft. MSL	. or ft.		Other 🗆 🌉
1030 00		10. Screen material:	NC
K. Borehole, bottom 1089.92 ft. MSL	orft.	 Screen type: 	Factory cut 🔀 11
L. Borehole, diameter in			Continuous slot 🔲 01
L. Borehole, diameter4 in.		\	Other 🛛 🧾
11		b. Manufacturer	Monotlex
M. O.D. well casing -1.2 in.		c. Slot size:	0. 210 in.
		d. Slotted length:	
N. I.D. well casing $4 \mathfrak{G}$ in.		11. Backfill material (
These is deal is a second			Other 🗆 🦣
I hereby certify that the information on this f		of my knowledge.	
Signature ALLANDA	Firm 1 \ C . (11.5	1. The second
I May I . Faile	en WGN	r[)	

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Remediation/Rede	velopment 🔄	Other 🔄			
Facility/Project Name	County Name	Jaughara	Well Name	LLOI	(Site 10)
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well N	umber 817	DNR Wel	1 ID Number
compressed air 2 bailed only 1 pumped only 5 pumped slowly 5 OtherALEN 4. 3. Time spent developing well35 4. Depth of well (from top of well casisng)22 5. Inside diameter of well	$ \begin{array}{c} 1 \\ 1 \\ 2 \\ 0 \\ 0 \\ 0 \\ 1 \\ 0 \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ -$	Time 12. Sediment in well bottom 13. Water clarity Fill in if drilling flui	a. 14 b. $07/1$ c. $10:4$ -7 Clear Turbid a (Describe) Brow Open ds were used	$\frac{2}{2} \underbrace{Q}_{\text{ft.}}$ $\frac{1}{2} \underbrace{Q}_{\text{y}}_{\text{y}}_{\text{y}}_{\text{y}}_{\text{y}}_{\text{y}}_{\text{y}}_{\text{m}}$ $\underbrace{\sum_{i} p.m.}_{i} \underbrace{Q}_{inches}$ 10 15 $\underbrace{Q}_{inches}_{\text{m}}$ and well is a	After Development $_$ 14.3 2 ft. $(\underline{\mathscr{G}} Q ; \underline{7} / \underline{1} \\ \underline{1} / \underline{2} \\ \underline{0} \\ \underline{7} \\ \underline{1} \\ \underline{1} \\ \underline{20} \\ \underline{7} \\ \underline{1} \\ \underline{1} \\ \underline{20} \\ \underline{7} \\ \underline{7}$
10. Analysis performed on water added? (If yes, attach results)	es 🛛 No	16. Well developed First Name: Mi Firm: Call		, last) and Firm Last Nam	Λ

Name and Address of Facility Contact /Owner/Responsible Party First Name: Mile Last Name: Party-	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: UIGNHS	_ Signature: Signature: Signature:
Street:	_ Print Name: Mike Pasen
City/State/Zip:	- Firm: WGNHS

	Watershed/Wastewater 🛄 Remediation/Redevelopment	Waste Mans	goment	MONITORING WELI Form 4400-113A	L CONSTRUCTI(Rev. 7-98
Facility/Project Name	Local Grid Location of Well	· · · ·		LLOIB	(Site 18
Cevitral Sand's Lakes Study Facility License, Permit or Monitoring No. WGNHS	Llocal Grid Origin 🔲 (estima	ited: 🗆) or	Well Location 😪	Wis. Unique Well No.	DNR Well ID No.
Facility ID	Lat. 44,20981 1 St. Planeft. N.	Long. – 54	45634	<u>VQ841</u> Date Well Installed,	1.010 10
WID = 70002319 Type of Well	Section Location of Waste/Sour	rce			1612018
Well Code///	1/4 of 1/4 of Sec Location of Well Relative to W	,T		Well Installed By: Nar DMy Kap	CONCERCIPTION CONTRACTOR CONTRACTOR
Distance from Waste/ Enf. Stds. Sourceft. Apply	u 🗆 Upgradient s 🗖 d 🗆 Downgradient n 🗖	Sidegradient	Gov. Lot Number	Onsite En	
	3. 08. ft. MSL		. Cap and lock?		🕅 Yes 🗆 No
B. Well casing, top elevation	297tt. MSL		. Protective cover p a. Inside diameter	•	4 in
C. Land surface elevation	O. SI ALMSL	IC I	b. Length:		ft.
D. Surface seal, bottom ft. MS	without a	Jass	c. Material:		Steel 🗹 0
12. USCS classification of soil near scree	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		d ddalan al maa		Other
GP GM GC GW S SM SC ML MH G	wost sp 🗆 🕅		d. Additional prot If yes, describe		□ Yes 🕅 No Bentonite 🕅 30
Bedrock			, Surface seals		Concrete 0 01
	Yes 🕱 No				Other I
14. Drilling method used: Ro Hollow Stem Au	ary □ 50	4.	. Material between	well casing and protectiv	
	ther 🛛		Sand		Bentonite 🗆 3 (Other 🕅
		5.	Annular space sea	1: a. Granular/Chippe	200,000
15. Drilling fluid used: Water □ 0 2 Drilling Mud □ 0 3				ud weight Bentonite	
	ione Las 9 9			ud weight Bente	
	/es 🖄 No	e	Ft ³	te	f the above
Describe		f.	How installed:	Trem	Tremie \Box 01 ie pumped \Box 02
17. Source of water (attach analysis, if required $h = \frac{1}{2}$	ired):				Gravity 🕅 02
_NA	000		Bentonite seal:		te granules 🔲 33
E. Bentonite seal, top ft. MS.	L orft.		b. □1/4 in. ⊠3 c	/8 in. □1/2 in. Bent	tonite chips 🕊 32 Other 🗖 🌉
Fine sand, top ft. MS	1 183	7.	Fine sand material	: Manufacturer, produc	t name & mesh size
Filter pack, top 1065.17 ft. MSI	or ft.		 b. Volume added 	fi ³	¥¥¥
I. Screen joint, top 1063.27 ft. MS	_ or ft.		Filter pack materia	1: Manufacturer, productive #40 Nation	t name & mesh size
Well bottom L058.]?ft. MSI	orft.		 b. Volume added Well casing: 	ft- Flush threaded PVC sch	
Filter pack, bottom ft. MSI				Flush threaded PVC sch	other 🗆 🛄
Borehole, bottom 1058.54 ft. MSI	orft.		Screen material: a. Screen type:		actory cut 🔀 11
Borehole, diameter <u>2</u> . <u>4</u> in.		a .	. Manufacturer	Monoflex	nuous slot 🗆 01 Other 🗆 🌌
f. O.D. well casing -1.2 in.		·	 Manufacturer Slot size: A. Slotted length: 	www.erjex_	0.010 in. S ft.
I. I.D. well casing $- 1.0$ in.		11.	Backfill material (below filter pack):	None 🕱 14 Other 🗆
hereby certify that the information on this l		st of my know	ledge.		
ignature Midne (1)	aller Firm 46	AMS			

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopment	Other
Facility/Project Name County Name	Shava LLOIB (Site ID)
Facility License, Permit or Monitoring Number County Code	
1. Can this well be purged dry? □ Yes X No 2. Well development method □ 41 surged with bailer and pumped □ 61 surged with block and pumped □ 62 surged with block, bailed and pumped □ 70 compressed air □ 20 bailed only □ 10 pumped slowly □ 51 Other □ 20 3. Time spent developing well 300 4. Depth of well (from top of well casisng) □ 51 5. Inside diameter of well □ 4.0 6. Volume of water in filter pack and well casing □ 1.8 7. Volume of water removed from well □ 10 9. Source of water added (if any) □ 10 9. Source of water added	Before Development After Development 11. Depth to Water a. -12.53 ft. -12.53 ft. (from top of well casing) a. -12.53 ft. -12.53 ft. Date b. $(-1)/(20)/(20)/(20)/(20)/(20)/(20)/(20)/(20$
10. Analysis performed on water added?	First Name: Mike Last Name: Parsen Firm: WGWHS

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Last Name: Paylen	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm:	_ Signature: Mithoel J. Passen
Street:	Print Name: Mike Paylen
City/State/Zip:	Firm: LUGNHS

	Waste Management MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Remediation/Redevelopment Grad Local Grid Location of Well	
Facility/Project Name Local Grid Location of Well Central Sundi Lakes Hay It. IS Facility License, Permit or Monitoring No. Local Grid Origin (estimated)	ft. BE. Well Name LL O'L (Sik ID)
UGNHS Lat. 44. 20786 _ Lon	
Facility ID St. Plane ft. N,	ft. E. S/C/N Date Well Installed
Type of Well	E Well Installed Bu: Name (first last) and Eim
Well Lode IVUO	
	idegradient
A. Protective pipe, top elevation _ [1]0.62 ft. MSL	1. Cap and lock? K Yes □ No
B. Well casing, top elevation 1110, 59 MSL	2. Protective cover pipe: a. Inside diameter:
C. Land surface elevation UQE . 14_ ft. MSL	b. Length: 5 ft
- The second sec	c. Material: Steel 🖄 04
D. Surface seal, bottom	Other 🗆
12. USCS classification of soil near screen:	d. Additional protection?
GP GM GC GW SW Q SP G SM SC ML MH CL CH GH	If yes, describe:
Bedrock	3. Surface scal: Bentonite 🕅 30
13. Sieve analysis performed? 🖸 Yes 🛃 No	Concrete L 01
14. Drilling method used: Rotary 🛛 5 0	4. Material between well casing and protective pipe:
Hollow Stem Auger 41	Bentonite 🖾 30
<u>tesprine</u> Other M.	Other 🗹
	5. Annular space seal: a. Granular/Chipped Bentonite 🗆 33
15. Drilling fluid used: Water □ 0 2 Air □ 0 1 Drilling Mud □ 0 3 None Ø 99	bLbs/gal mud weight Bentonite-sand slurry [] 35
	cLbs/gal mud weight Bentonite slurry 🗖 31
16. Drilling additives used? 🗆 Yes 😰 No	d % Bentonite Bentonite-cement grout \Box 50
	eFt ³ volume added for any of the above f. How installed: Tremie □ 01
Describe	f. How installed: Tremie \Box 01 Tremie pumped \Box 02
17. Source of water (attach analysis, if required):	Gravity 🗹 08
<u> </u>	6. Bentonite seal: a. Bentonite granules 📋 3 3
	b. 11/4 in. 🖾 3/8 in. 11/2 in. Bentonite chips 🄀 32
E. Bentonite seal, topft. MSL orft.	C Other □
F. Fine sand, topft. MSL orft.	7. Fine sand material: Manufacturer, product name & mesh size
G. Filter pack, top 1/92,39 ft. MSL or ft.	b. Volume added ft ³
	8. Filter pack material: Manufacturer, product name & mesh size
H. Screen joint, top $\lfloor \underline{J} \underline{Q} \underline{Q} \underline{a} \underline{3} \underline{9}$ ft. MSL or ft.	a. <u>Ped Fint #40/Native</u> b. Volume added ft ³
I. Well bottom 1090 .39 ft. MSL or ft.	9. Well casing: Flush threaded PVC schedule 40 🖾 23
	Flush threaded PVC schedule 80 🗆 24
J. Filter pack, bottomft. MSL orft.	Other 🗆 🚛
K. Borehole, bottom 1088-14 ft. MSL orft.	a. Screen type: Factory cut 🖄 11
L. Borehole, diameter _ 2.4 in.	Continuous slot \Box 01
L. Borehole, diameter _ L. L in.	Other □
M. O.D. well casing in.	b. Manufacturer Monoflex
M. O.D. well casing $- \underbrace{}_{in}$.	c. Slot size: d. Slotted length: 10 ft.
N. I.D. well casing in.	d. Slotted length:
	$\frac{11}{2}$
I hereby certify that the information on this form is true and correct to the best of	of my knowledge.
Signature Aller Firm	NUC
With gel Javien WG	INHS

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MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Ю-113 В н

Route to: Watershed/Was	edevelopment	Waste Management Other		
Facility/Project Name	County Name	IV	Vell Name	
	Wa	ushara	LLO2 (Sike 10)	
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Num	ber DNR Well ID Number	
1. Can this well be purged dry?	Yes 🕅 No	11. Depth to Water	Before Development After Development	
 2. Well development method surged with bailer and bailed surged with bailer and pumped surged with block and bailed surged with block and pumped surged with block, bailed and pumped compressed air bailed only pumped only pumped slowly Other 3. Time spent developing well 	41 61 42 62 70 20 10 51 50 30 min.	well casing) Date b.(Time c. 12. Sediment in well bottom 13. Water clarity ($ \begin{array}{c} 1 1 \cdot 5 1 \text{ ft.} \\ 1 1 \cdot 5 1 \text{ ft.} \\ 1 1 \cdot 4 5 \text{ ft.} \\ \hline 0 7 / 1 7 / 2 0 1 8 9 7 / 1 7 / 2 0 1 \\ \hline 0 m m d d y y y y \\ \hline m m d d y y y y \\ \hline 1 2 \cdot 3 0 9 pm. \\ 1 2 \cdot 3 0 9 pm. \\ \hline 1 2 \cdot 3 0 pm. \\ \hline 1 2 \cdot 3 0 9 pm. \\ \hline 1 2 \cdot 3 0 pm. \\ \hline 1 2 \cdot $	
4. Depth of well (from top of well casisng) -2	. <u>0</u> _ 2.ft. . <u>0</u> _ in.		Brown Opaque	
7. Volume of water removed from well	<u> 0.3</u> gal. Q. <u>0</u> gal. <u>こ つ</u> gal.		were used and well is at solid waste facility:	
9. Source of water added NA		15. COD	mg/l mg/l	
10. Analysis performed on water added?	Yes 🗆 No	First Name: Peter	Last Name: Chase	

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Name: Name: Payfen	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: WGNHS	_ Signature: Michaell. Pasen
Street:	_ Print Name: Mike Parfen
City/State/Zip:	- Firm: LUGNHS

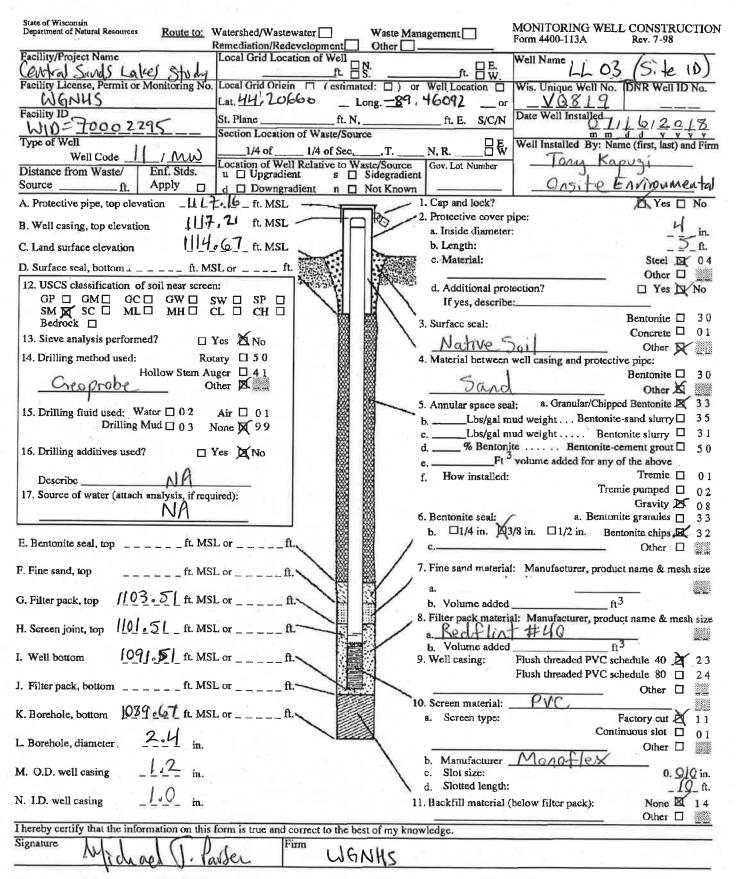
State of Wisconsin Department of Netural Resources Route to: Watershed/Wastewater	Waste Management MONITORING WELL CONSTRUCTION
B . P . C . M . L .	FOIL 4400-113A Rey, 7-98
Facility/Project Name Local Grid Location of W	Well Watt Name
Cevitral Sands Lakes study of	n BSn BW. LLOZB (Sike 10)
Facility License, Permit or Monitoring No. Local Grid Origin [] (estimated: D) or Well Location & Wis Unique Well No. DNR Well ID No.
WGNHS [Lat. 44. 7.784	Long89, 46113
Example of the second sec	
111N = 7000737 St. Fiane	_ft. N, ft. E. S/C/N Date Well Installed
Type of Well Section Location of Wast	
11 1/4 of 1/4 of	of Sec, T N, R W Well Installed By: Name (first, last) and Firm
Di trong and the second	
Distance from waste/ Eni. Stds. u Upgradient	s 🗆 Sidegradient
Sourceft. Apply d Downgradient	
A. Protective pipe, top elevation 1112. 1/2 . 1/2 ft. MSL	1. Cap and lock? X Yes □ No
B. Well casing, top elevation 1110.23 ft. MSL	2. Protective cover pipe:
	a. Inside diameter:
C. Land surface elevation 110796 ft. MSL	b. Length:5_ft.
D. Surface seal, bottom ft. MSL or ft.	c. Material: Steel 💟 04
	· · · · · · · · · · · · · · · · · · ·
12. USCS classification of soil near screen:	d. Additional protection?
	If yes, describe:
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Bentonite X 30
	3. Surface scal: $Concrete \square 01$
13. Sieve analysis performed? 🔲 Yes 🕱 No	Other (
14. Drilling method used: Rotary 🗆 5 0	4. Material between well casing and protective pipe:
Hollow Stem Auger 41	Bentonite 🗆 30
Geophyle Other &	88 881
	600 Dad
15. Drilling fluid used: Water 🗆 0 2 Air 🗖 0 1	
Drilling Mud 🗆 0 3 None 🖾 99	bLbs/gal mud weight Bentonite-sand slurry 35
	cLbs/gal mud weight Bentonite slurry 🗆 31
16. Drilling additives used? 🔲 Yes 🐹 No	d% Bentonite Bentonite-cement grout 🗆 50
	eFt ³ volume added for any of the above
Describe	f. How installed: Tremie \Box 0 1
17. Source of water (attach analysis, if required):	Tremie pumped 🗆 02
_ Sm Prairie	Gravity 🕅 08
	6. Bentonite seal: a. Bentonite granules [33
	b. $\Box 1/4$ in. $\bigotimes 3/8$ in. $\Box 1/2$ in. Bentonite chips $\boxtimes 32$
E. Bentonite seal, topft. MSL orft.	C Other 🗆 🐘
	7. Fine sand material: Manufacturer, product name & mesh size
F. Fine sand, topft. MSL orft.	7. Fille sand filsterial: Manufacturer, product name & mesh size
122 72	
G. Filter pack, top 10.73.23 ft. MSL or ft.	b. Volume addedft ³
107179	8. Filter pack material: Manufacturer, product name & mesh size
H. Screen joint, top 1071.23 ft. MSL or ft.	R-D / e led flint #40 [Notive
	b. Volume added ft ³
I. Well bottom 1066.13 ft. MSL orft.	9. Well casing: Flush threaded PVC schedule 40 🕱 23
	Flush threaded PVC schedule 80 🗆 24
J. Filter pack, bottom ft. MSL or ft.	Other 🗆 🛄
	10. Screen material:
K. Borehole, bottom 1064.96 ft. MSL or ft.	
1	
L. Borehole, diameter _ 2.4 in.	
	Other D
M. O.D. well casing -1.2 in.	b. Manufacturer Monoflex
	c. Slot size: 0.010 in. d. Slotted length: -5 ft.
N. I.D. well casing $ 1.0$ in.	
$- \mathbf{U} \mathbf{V} \mathbf{M}$	11. Backfill material (below filter pack): None 🕱 14
I haraby partific that the information as this family	Other
I hereby certify that the information on this form is true and correct to	one best of my knowledge.
Signature Ala Trance Firm	C INC
in all falles U	JENHS

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopment	Other [
Facility/Project Name County Name	Shava Well Name LLOZB (Site 10)
Facility License, Permit or Monitoring Number County Code	Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry?	11. Depth to Water
 2. Well development method surged with bailer and pumped \$ 61 \$ surged with block and pumped \$ 61 \$ surged with block and pumped \$ 62 \$ surged with block, bailed and pumped \$ 70 \$ compressed air \$ 20 \$ bailed only \$ 10 \$ pumped only \$ 51 \$ pumped slowlv \$ 50 \$ Other	(from top of well casing) $a_{mm} = \frac{9}{80} ft. = \frac{9}{180} ft.$ Date $b_{mm} \frac{(11)}{20} \frac{7}{2018} ft.$ Date $b_{mm} \frac{1}{20} \frac{7}{2018} ft.$ Date $b_{mm} \frac{1}{200} \frac{7}{2018} ft.$ Time $c_{mm} \frac{1}{200} \frac{7}{2018} ft.$ $ft.$ Time $c_{mm} \frac{1}{200} \frac{7}{2018} ft.$ $ft.$
9. Source of water addedA	15. CODmg/lmg/l
10. Analysis performed on water added?	16. Well developed by: Name (first, last) and Firm First Name: M; Ke Last Name: Parsen Firm: WGNHS

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Last Parker	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm:	Signature: Mithael J. Pasen
Street:	Print Name: Mike Parsen
City/State/Zip:	Firm: WGNHS



MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Remediation/Rede	velopment	Other			
Facility/Project Name	County Name		Well Name	110	3 (Sile 1)
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well N	umber		11 ID Number
	70	_¥0	8875		
1. Can this well be purged dry?	s 🛱 No	11. Depth to Water	Before De	velopment	After Development
2. Well development method	ŧ.	(from top of	a_18.	22ft.	_18.21 A
-	1	well casing)			
•	1		199 - Mag		
	2	Date	h07/11	0120	18 0711612018
•	52		mm d	dyyy	18 07/16/2918 , y mm d d y y y y
	0			• • •	
•	20	Time	c. [9:2	<u>O</u> <u>□</u> p.m.	<u>↓</u> [: <u>00</u>] p.m.
bailed only					
pumped only		12. Sediment in well	_12	$\mathcal{O}_{\text{inches}}$	O D inches
	50	bottom			
Other		13. Water clarity	Clear 🗆 Turbid 🖾		Clear □ 20 Turbid ⊠ 25
3. Time spent developing well	$\int Q_{\min}$	1	(Describe)	10	(Describe)
4. Depth of well (from top of well casisng) -2.5			Bo		Brown Slight-mod.turbic
5. Inside diameter of well	<u> </u>				· · · · · · · · · · · · · · · · · · ·
6. Volume of water in filter pack and well C). <u>2</u> gal.	Eill in if drilling flui	de ivere used i	and well is	at solid waste facility:
7. Volume of water removed from well2	<u>0</u> gal.				
8. Volume of water added (if any)	gal.	14. Total suspended solids		mg/l	mg/l
9. Source of water addedNA		15. COD		mg/l	mg/l
······		16. Well developed I	by: Name (first	, last) and Firm	n
10. Analysis performed on water added? (If yes, attach results)	es 🗆 No	First Name: Perf		Last Nam	10: Chase

17. Additional comments on development:

5.

Name and Address of Facility Contact /Owner/Responsible Party First Name: Name: Parsey	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: WGNHS	Signature: Midrael J. Parser
Street:	Print Name: Mike PaySen
City/State/Zip:	- Firm: WGNHS

	Watershed/Wastewater 🥅	Waste Mana		MONITORING WEI Form 4400-113A	L CONSTRU Rev. 7-98	UCTION
I	Remediation/Redevelopmen	nt Other			100117-20	
Facility/Project Name Central Sunds Lakes Study	Remediation/Redevelopmen Local Grid Location of Wo		ft. 🛛 🖳	Well Name LLO	4(Site 1	$\overline{0}$
Facility License, Permit or Monitoring No.	Local Grid Origin 🗖 (es	stimated: 🔲) or	Well Location	Wis. Unique Well No	DNR Well	ID No.
<u>WGNHS</u> Facility ID	Lat. 44, 20398 _		C. Carlos P. C.			
WID= 70007296	St. Plane Section Location of Waste	ft. N,	ft. E. S/C/N	Date Well Installed	117129	218
Type of Well Well Code	A CALE & DOUGH CONTRACTOR STATE OF A CALE AND AND		N, R. $\begin{bmatrix} E \\ W \end{bmatrix}$	Well Installed By: Na	ume (first, last)	and Firm
Well Code// Distance from Waste/ Enf. Stds.	Location of Well Relative	to Waste/Source	Gov. Lot Number	Gage K	apugi	
Sourceft. Apply	d Downgradient n	□ Sidegradient □ Not Known		Onsite	10	
	.19_ ft. MSL		Cap and lock?		X Yes] No
B. Well casing, top elevation	.76 ft. MSL		 Protective cover p a. Inside diameter 			Ч in
C. Land surface elevation 1124	91_ft.MSL		b. Length:			5_ n.
D. Surface seal, bottom ft. MS	Lor ft.		c. Material:		Steel	
12. USCS classification of soil near screer	1 2 2 3 7 4 3 4 4		d. Additional pro	tection?	Other I	
GP GM GC GW S SM SC ML MH C			If yes, describe	8:		-
Bedrock		🕅 🕅 🔪 `3	. Surfacc scal:		Bentonite I	
	res X No		Nativ	e Soil	Concrete I Other A	
-	ary □ 50	4.	Material between	well casing and protect		
Hollow Stem Au <u>Creoprobe</u>	ther 🖾 🚛		Sand		Bentonite I Other J	11 Jan 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		5.	Annular space sea	al: a. Granular/Chipp		
	Air \Box 01 Ione X 99			ud weight Bentonit		
16. Drilling additives used?	ton Def NI-			und weight Ben ite Bentonite-		
	es A No	e e	Ft ²	volume added for any	of the above	
Describe		f 🕅 f	How installed:		T re mie [nie pumped]	-
17. Source of water (attach analysis, if requ	ired):	×		110	Gravity	
NA			Bentonite seal:		ite granules [
E. Bentonite seal, topft. MSI	_ or ft.		 b. □1/4 m, дар: c 	3/8 in. □1/2 in. Be	ntonite chips J Other [
F. Fine sand, top ft. MSI	_ or ft.	7.	Fine sand materia	l: Manufacturer, produ	ct name & me	sh size
G. Filter pack, top 1102 . (ft. MSI	or ft		a	,	3	22
			 b. Volume added Filter pack materi 	al: Manufacturer, produ		esh size
H. Screen joint, top 100.66 ft. MSI	2.000		a. <u>Red Plint</u> b. Volume added	#40/Nati	Ve_	
I. Well bottom 1090 . 6 ft. MSI	. or ft.	9.	Well casing:	Flush threaded PVC so Flush threaded PVC so		23
J. Filter pack, bottomft. MSI	_ or ft.			Ci Ce	Other E	
K. Borehole, bottom 1989.91 ft. MSI	. or ft.	11111	Screen material: a. Screen type:		Factory cut	
L. Borehole, diameter in.					inuous slot [Other [VALUE AND
\dot{M} . O.D. well casing 122 in.			b. Manufacturer . c. Slot size:	Monofle	<u> </u>)10in.
N. I.D. well casing $1 - 0$ in.			 Slotted length: Backfill material (below filter pack):	None 2	
I hereby certify that the information on this f	orm is true and correct to the	he best of my know	ledge.		Other [
Signature ALL	Firm		an.c., M arch			
Michael 11. Parso	n	JGNHS				

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater	
Remediation/Redevelop	
	Waushara Well Name LL04 (Site 10)
	nty Code Wis. Unique Well Number DNR Well ID Number 7_0
1. Can this well be purged dry?	No 11. Depth to Water Before Development After Development
 2. Well development method surged with bailer and bailed [4 1] surged with bailer and pumped [6 1] surged with block and bailed [4 2] surged with block and pumped [4 6 2] surged with block, bailed and pumped [7 0] compressed air [2 20] bailed only [1 10] pumped only [5 5] pumped slowly [5 5] Other [2] 3. Time spent developing well [4. Depth of well (from top of well casisng) [3. 7. 1] 	ft. <u>Brown</u>
 6. Volume of water in filter pack and well casingQ.3. 7. Volume of water removed from wellS.Q 8. Volume of water added (if any)Q.0_ 	Fill in if drilling fluids were used and well is at solid waste facility: gal. 14. Total suspended mg/l mg/l
9. Source of water added	15. COD mg/l mg/l 16. Well developed by: Name (first, last) and Firm 16. Well developed by: Name (first, last) and Firm Last Name: Chase.
(If yes, attach results)	Firm: INICONHS

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Name: Partsen	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: WGNHS	Signature: Michael J. Jaker
Street:	Print Name: Mike Parfen
City/State/Zip:	Firm: WGNHS

State of Wis., Dept. of Natural Resources dnr.wi.gov



Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

X Verification Only of Fill and S	eal		ing Water	Watershed/Wastewater Remediation/Redevelopme
		VVasie	e Managem	
1. Well Location Information County WI Unique We			nin 8 julija.	2. Facility / Owner Information
Wa walka to		Hicap #		Facility Name Central Sands Lakes Study
Latitude / Longitude (see instructions)	Format	Code Me	thed Code	Facility ID (FID or PWS)
11100000	N MO		GPS008	WANHS
80 11/2011	1.00		SCR002	
1/4 / 1/4 Section	n Towr	nship Rar		
or Gov't Lot #		N	.9° [] E	
Well Street Address				Present Well Owner
2				
Well City, Village or Town		Well ZIP (Code	Mailing Address of Present Owner
Subdivision Name		Lot #		City of Present Owner State ZIP Code
Reason for Removal from Service WI				4. Pump, Liner, Screen, Casing & Sealing Material
Explanatory Banky	Inique Well	# of Replace	ement Well	Pump and piping removed?
3. Filled & Sealed Well / Drillhole /	Borehole	nformatio	m	Liner(s) removed?
Monitoring Well Original	Constructior	n Date (mm/	dd/yyyy)	Liner(s) perforated?
	7/16-	12018	,	Screen removed?
Water Well	Constructio			Casing left in place?
Borehole / Drillhole please		птерогла	avaliable,	Was casing cut off below surface?
Construction Type:				Did sealing material rise to surface?
Drilled Driven (Sandpoir	t) [Dug		Did material settle after 24 hours?
Other (specify):	boreho	le		If yes, was holé retopped?
Formation Type:	0	10		If bentonite chips were used, were they hydrated with water from a known safe source?
Unconsolidated Formation	Bedroo	k		Required Method of Placing Sealing Material
Total Well Depth From Ground Surface (ft.)	Casing Di	ameter (in.)		Conductor Pipe-Gravity Conductor Pipe-Pumped
20	N	IA		Screened & Poured
Lower Drillhole Diameter (in.)	Casing De	epth (ft.)	_	(Bentonite Chips) Other (Explain):
24	N	A		Neat Cement Grout
	~	· \ .		
Was well annular space grouted?	Yes	No [] Unknown	
If yes, to what depth (feet)? De	oth to Water	(feet)		Bentonite Chips Bentonite - Cement Grout
	6			Granular Bentonite
5. Material Used to Fill Well / Drillho				From (ft.) To (ft.) No. Yards, Sacks Sealant or Mix Ratio or
Bentonite chips		and the second secon		Surface 201 Volume (circle one) Mud Weight
		Л		
6. Comments	NUMBER OF			
0	CENTRE OF SALES		saliji// 2 jihot	
	pandone	d an	d Sea	rled
7. Supervision of Work	Carl and an			DNR Use Only
Name of Person or Firm Doing Filling & Sea		ise #		illing & Sealing or Verification Date Received Noted By
Duy Kapugi UNSite Environ	Nenta		(mm/dd/y	
Street or Route			T (Celephone Number Comments
City	State	ZIP Code		Signature of Person Doing Work Date Signed

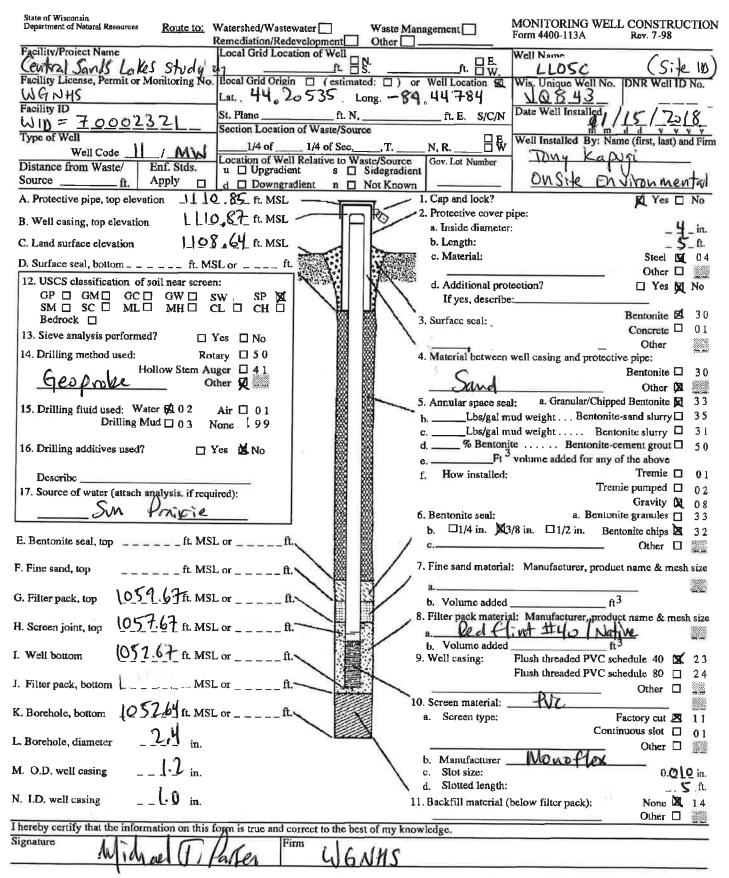
	te Management MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
	cr
Facility/Project Name Local Grid Location of Well R. Cevitral Savels Lakes Study	n. B. Well Name LLOSB (,Site 10)
Facility License, Permit or Monitoring No. Local Grid Origin [] (estimated:) or Well Location [] Wis. Unique Well No. [DNR Well ID No.
WGNHS Lat. 44, 20534 Long.	
Facility ID ft. N	ft. E. S/C/N Date Well Installed 7/16/2918
WID = <u>TOOOZZ98</u> Section Location of Waste/Source	mm dd y y y y
Type of Well [1/4 of1/4 of Sec7]	N, R W Well Installed By: Name (first, last) and Firm
Well Code Location of Well Relative to Waste/So	ource Gov. Lot Number Ony hapung
Distance from Waste/ Enf. Stds. u Upgradient s Sideg Source ft. Apply d Downgradient n Not K	
A. Protective pipe, top elevation _ 1(10.00 _ ft. MSL	I. Cap and lock? D Yes □ No
B. Well casing, top elevation _11/0.59_ft. MSL	2. Protective cover pipe: a. Inside diameter:
C. Land surface elevation 408.57 ft. MSL	b. Length: $5 - ft$.
D. Surface seal, bottom , ft. MSL or ft.	c. Material: Steel 🛛 04
12. USCS classification of soil near screen:	
$GP \square GM \square GC \square GW \square SW \square SP \blacktriangle$	d. Additional protection?
	If yes, describe:
Bedrock	3. Surface scal: Bentonite 30
13. Sieve analysis performed? Ves X No	Native Soil Concrete 01 Other X
14. Drilling method used: Rotary 🗆 5.0	4. Material between well casing and protective pipe:
Hollow Stem Auger 41	
Coeo prabe Other X	Sector Bentonite \Box 30
	5. Annular space seal: a. Granular/Chipped Bentonite 🕅 33
15. Drilling fluid used: Water 0 0 2 Air 0 0 1	
Drilling Mud 🗆 0 3 None 👽 99	bLbs/gal mud weight Bentonite-sand slurry 35
	cLbs/gal mud weight Bentonite slurry d% Bentonite Bentonite-cement grout 50
16. Drilling additives used? 🗆 Yes 🕱 No	eFt ³ volume added for any of the above
	f. How installed: Tremie \Box 01
Describe	Tremie pumped \Box 02
17. Source of water (attach analysis, if required):	Gravity 🖾 02
NA M	6. Bentonite seal: a. Bentonite granules [] 33
	b. $\Box 1/4$ in. $\Box 3/8$ in. $\Box 1/2$ in. Bentonite chips $\Box 32$
E. Bentonite seal, topft. MSL orft.	/ c Other [
F. Fine sand, top ft. MSL or ft.	7. Fine sand material: Manufacturer, product name & mesh size
	/ a
G. Filter pack, top 1103.79 ft. MSL or ft.	b. Volume added ft ³
101 70	8. Filter pack material: Manufacturer, product name & mesh size
H. Screen joint, top 1/2[-79 ft. MSL or ft.	a. Red that #40/ Native
1001 79 A MEL - A	b. Volume added ft ³
I. Well bottom [09].79 ft. MSL orft.	9. Well casing: Flush threaded PVC schedule 40 🐹 2.3
L Eitersteinen Aufer	Flush threaded PVC schedule 80 🔲 2.4
J. Filter pack, bottomft. MSL orft.	10. Screen material: PVC
K. Borehole, bottom 1088 + 27 ft. MSL or ft.	
	a. Screen type: Factory cut 🛛 11 Continuous slot 🗖 01
L. Borehole, diameter 2.4 in.	(cal25)
	h Manufacturer Aller Aller
M. O.D. well casing -1.2 in.	b. Manufacturer <u>Monotlex</u> c. Slot size: 0.919 in.
	d. Slotted length:
N. I.D. well casing $- \not \downarrow \downarrow \bigcirc$ in.	11. Backfill material (below filter pack): None 2 14
	11, Backtin material (below inter pack): None S 14 Other D
I hereby certify that the information on this form is true and correct to the best of n	
Signature ALLICIC Firm	αν καταπ.0°22.
Midral II. Pasen WENT	15

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Pouts to: Wet-shed/Westernates	Waste Management
Route to: Watershed/Wastewater Remediation/Redevelopment	
Facility/Project Name County Nam	Nanshara Well Name LLOSB (Site 10)
Facility License, Permit or Monitoring Number County Coo	
1. Can this well be purged dry? I Yes I No	11. Depth to Water
 2. Well development method surged with bailer and bailed □ 4 1 surged with bailer and pumped □ 6 1 surged with block and bailed □ 4 2 surged with block and pumped □ 7 0 compressed air □ 2 0 bailed only □ 1 0 pumped only □ 5 1 pumped slowly □ 5 0 Other 0 3. Time spent developing well 50 min. 4. Depth of well (from top of well casisng) \$\overline{8}, \$\overline{8}, ft. 5. Inside diameter of well in. 	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
 6. Volume of water in filter pack and well casingQ.2 gal. 7. Volume of water removed from well3. Q gal. 	Fill in if drilling fluids were used and well is at solid waste facility:
8. Volume of water added (if any) $\underline{Q} \underline{Q} gal.$	solids
9. Source of water addedNA	15. COD mg/l 16. Well developed by: Name (first, last) and Firm
10. Analysis performed on water added? (If yes, attach results)	

17. Additional comments on development:

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Michael J. Patter
Print Name: Mike Parsen
- Firm: WGNHS



MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopment	Other
Facility/Project Name County Name	Shava Well Name LLOSC (Site 10)
Facility License, Permit or Monitoring Number County Code	Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry?	11. Depth to Water (from top of a $10 - 38$ ft. $10 - 37$ ft.
 2. Well development method surged with bailer and bailed surged with bailer and pumped 61 surged with block and bailed 42 	(non top of well casing) Date $b: \frac{11}{d}, \frac{120}{d}, \frac{120}{y}, \frac{120}{y}, \frac{120}{y}, \frac{120}{d}, \frac{120}{y}, \frac{120}{y},$
surged with block and pumped 0 62 surged with block, bailed and pumped 70 compressed air 20 bailed only 10	Time $c. 10: 40 \square p.m. 11: 35 \square p.m.$
pumped only pumped slowly Other WARA 4	12. Sediment in well ↓0 inches _0 inches bottom 13. Water clarity Clear □ 10 Clear ⊠ 20 Turbid □ 15 Turbid □ 25
3. Time spent developing well min.	(Describe) (Describe)
4. Depth of well (from top of well casisng) 56.4 ft.	
 5. Inside diameter of well o in. 6. Volume of water in filter pack and well casing S gal. 	
7. Volume of water removed from well 28 . 3al.	Fill in if drilling fluids were used and well is at solid waste facility: 14. Total suspended mg/l mg/l
8. Volume of water added (if any) gal.	solids
9. Source of water added	15. COD mg/l 16. Well developed by: Name (first, last) and Firm
10. Analysis performed on water added?	First Name: Mike Last Name: Parsen Firm: WGNHS

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Last Parter Name: Parter	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm:	_ Signature: Mithoel J. Pasen
Street:	_ Print Name: Mike Parsen
City/State/Zip:	Firm: WGNHS

State of Wisconsin Department of Netural Resources Route to: Watershed/Wastewater	Waste Management MONITORING WELL CONSTRUCTION
Paradiation (Dedourslass and	FUIII 4400-115A Key, 7-98
Facility/Project Name Local Grid Location of Well Local Grid Location of Well ft. = S.	t. B. Well Name LLOG (Sik 1D)
Facility License, Permit or Monitoring No. Local Grid Origin [] (estimated	d:) or Well Location I Wis Unique Well No DNR Well ID No
$\frac{W_{G,NHS}}{Facility ID} = 70002299$ $Lat, 44, 20648Lor_ Lat, 44, 20648Lor_ St. Planeft. N,$	
WID Section Location of Waste/Source	mm dd y y y y
Type of Well	E WALL Lease We d. Dev. M
Wen code / wood I ocation of Well Palative to Was	te/Source Gov. Lot Number Jany Kapvgi
Distance from Waste/ Enf. Stds. u Upgradient s S Sourceft. Apply d Downgradient n N	idegradient Automatic Automatic Automatic Automatic
A. Protective pipe, top elevation _[L26.81_ft. MSL	1. Cap and lock?
B. Well casing, top elevation $1/26 = 53$ ft. MSL	2. Protective cover pipe:
C. Land surface elevation 1]24.61 ft. MSL	a. Inside diameter: b. Length;
D. Surface seal, bottomft. MSL or ft.	c. Material: Steel 🖉 04
12. USCS classification of soil near screen:	Other 🗆
	d. Additional protection?
GP GM GC GW SW SP Z SM SC ML MH CL CH G	If yes, describe:
Bedrock	3. Surface scal: Bentonite 🗆 30
13. Sieve analysis performed?	Concrete U 01
	Native Soil Other &
14. Drilling method used: Rotary 🗆 5 0	4. Material between well casing and protective pipe:
Hollow Stem Auger 4 1	Bentonite 🗆 30
Creoprobe Other	Other B(
	5. Annular space seal: a. Granular/Chipped Bentonite 🕅 33
15. Drilling fluid used: Water □ 0 2 Air □ 0 1 Drilling Mud □ 0 3 None 20 99	bLbs/gal mud weight Bentonite-sand slurry 35
Drilling Mud 🗆 0 3 None 🕅 99	cLbs/gal mud weight Bentonite slurry [] 31
16. Drilling additives used?	d % Bentonite Bentonite-cement grout 🛙 50
	eFt ³ volume added for any of the above
Describe	f. How installed: Tremie 🗆 0 1
17. Source of water (attach analysis, if required):	Tremie pumped 🗖 02
17. Source of water (attach analysis, if required):	Gravity 🖄 0.8
	6. Bentonite seal: / a. Bentonite granules [] 33
	b. $\Box 1/4$ in. $\boxtimes 3/8$ in. $\Box 1/2$ in. Bentonite chips $\boxtimes 32$
E. Bentonite seal, topft. MSL orft.	/ c Other □
F. Fine sand, top	7. Fine sand material: Manufacturer, product name & mesh size
G. Filter pack, top 104.33 ft. MSL or ft.	a b. Volume addedfi ³
	8. Filter pack material: Manufacturer, product name & mesh size
H. Screen joint, top 122:33 ft. MSL or ft.	· Redflat #40 INative
N torn	b. Volume added ft ³
I. Well bottom $1092 \cdot 33$ ft. MSL or ft.	9. Well casing: Flush threaded PVC schedule 40 🕱 23
J. Filter pack, bottom ft. MSL or ft.	Flush threaded PVC schedule 80
K. Borehole, bottom 1094 61 ft. MSL or ft.	10. Screen material:
	a. Screen type: Factory cut 🖄 11 Continuous slot 🗇 01
L. Borehole, diameter 2=4 in. PVC well deeper M. O.D. well casing _L_2_ in. Than borehole	
M. O.D. well casing _1.2_ in. the back of the	b. Manufacturer Mong Flex
M. O.D. well casing _1=4_ in. Than be rehale	c. Slot size: $0. Q/Q$ in.
	• /
N. I.D. well casing $-1_{-\alpha}Q_{-\alpha}$ in.	11. Backfill material (below filter pack): None 14
I hereby certify that the information on this form is true and correct to the best	of my knowledge
Signature 1111 1 C A Firm	
Midrael V. Parten WGA	145

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopment	Other [
Facility/Project Name County Name	aushara Well Name LLOG (Site 10)
Facility License, Permit or Monitoring Number County Code	Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry? I Yes X No 2. Well development method 1 41 surged with bailer and bailed 61 42 surged with block and bailed 42 62 surged with block, bailed and pumped 70 70 compressed air 10 10 pumped only 51 50	11. Depth to Water (from top of well casing) Date $b \cdot \underbrace{O}_{m} \underbrace{7}_{m} \underbrace{1}_{d} \underbrace{O}_{d} \underbrace{2}_{y} \underbrace{O}_{y} \underbrace{1}_{y} \underbrace{8}_{m} \underbrace{7}_{m} \underbrace{1}_{d} \underbrace{6}_{d} \underbrace{2}_{y} \underbrace{0}_{y} \underbrace{1}_{y} \underbrace{8}_{m} \underbrace{7}_{m} \underbrace{1}_{d} \underbrace{6}_{d} \underbrace{1}_{y} \underbrace{2}_{y} \underbrace{1}_{y} \underbrace{1}_{$
Other \Box	13. Water clarity Clear \square 10 Clear \boxtimes 20 Turbid \boxtimes 15 Turbid \square 25 (Describe) (Describe) \square \square \square \square \square \square \square \square
casing $- Q \cdot Z \cdot gal$. 7. Volume of water removed from well $- I \cdot 3 \cdot Q \cdot gal$. 8. Volume of water added (if any) $- Q \cdot Q \cdot gal$.	Fill in if drilling fluids were used and well is at solid waste facility: 14. Total suspended mg/l mg/l solids 15. COD mg/l mg/l
9. Source of water added N A 10. Analysis performed on water added? Yes No (If yes, attach results)	15. COD mg/l 16. Well developed by: Name (first, last) and Firm First Name: Peter Last Name: Chase Firm: WGNHS

DTB 33.5 pre-development

Name and Address of Facility Contact /Owner/Responsible Party First Name: <u>Parsen</u>	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: WGNHS	Signature: Michael Farber
Street:	Print Name: Mike Parsen
City/State/Zip:	Firm: WGNHS

A 8	Vatershed/Wastewater 🗌		agement	MONITORING WEL Form 4400-113A	L CONSTRUCTION Rev. 7-98
Facility/Project Name	Remediation/Redevelopme	ent Other			
CENTRA Sand Lakes Study	Local Grid Location of W	ft	n. 🗄 ^{E.}		F. (Sife ID)
Facility License, Permit or Monitoring No.	Local Grid Origin 🛛 (e	estimated: 🗆) or	Well Location	Wis. Unique Well No.	DNR Well ID No.
WANHS	Lat. 44. 20842 _	Long. <u>89</u> , 4	5400 or	_VQX23	
Facility ID	St. Plane	ft. N,	THE SICIN	Date Well Installed	11,0010
WID = 70002300	Section Location of Wast	e/Source		ΩI	
Type of Well	theorem in the second s		N, R.	Well Installed By: Na	me (first, last) and Firm
Well Code / MW	1/4 of 1/4 of				puqi
Distance from Waste/ Enf. Stds.	Location of Well Relative u 🔲 Upgradient	s D Waste/Source	Gov. Lot Number		
Sourceft. Apply	d Downgradient		-	Onsife D	nonneutal
	07 ft. MSL		Cap and lock?		Yes I No
B. Well casing, top elevation	- 80ft. MSL	+□ ®⁄²	. Protective cover p		H
5, 1	22		a. Inside diameter	:	in.
C. Land surface elevation 111	•_33_ ft. MSL		b. Length:		ft.
D. Surface seal, bottom, ft. MS	Lor ft.		c. Material:		Steel 🖾 04
	1 8/25978-A				Other
12. USCS classification of soil near screen		N N	d. Additional prot		🗆 Yes 🙀 No
GP GM GM GC GW G S SM G SC ML MH C			If yes, describe		
Bedrock		`` 🕅 🕅 🔪 ` 4	. Surface scal:		Bentonite 🗆 30
				0.1	Concrete 0 01
	es X No		Native		Other 🗹
	ary □ 50	4	Material between	well casing and protecti	ive pipe:
Hollow Stem Au			- I		Bentonite 🗖 30
<u>Creaprobe</u> or	her 🛛		Jand		Other 🗷
		5	. Annular space sea	1: a. Granular/Chipp	ed Bentonite 💢 33
	Air \Box 01			ud weight Bentonite	
Drilling Mud 🗆 0 3 N	one 121(99			ud weight Bent	
1 C Dublica ad Abdura a 10	·			te Bentonite-c	
16. Drilling additives used?	res X No			volume added for any	
			How installed:	and any i	Tremie 🗆 01
Describe			, HOW MISTAILED,	Tren	
17. Source of water (attach analysis, if requi	red):			1101	Gravity 🗙 08
NA		6	Bentonite seal:	a. Benton	tite granules 2 33
				/8 in. □1/2 in. Ber	
E. Bentonite seal, top ft. MSI	orft.,		c		Other 🗆 🐘
F. Fine sand, top	orft.	XXX XXX XXX XXX XXXX XXXX XXXXX XXXXX XXXX	. Fine sand material	: Manufacturer, produ	ct name & mesh size
	~ `	理 習/ /	a		3225
G. Filter pack, top [] Q3 . [U ft. MSL	or ft	図図/	b. Volume added	fi	3
				al: Manufacturer, produ	
H. Screen joint, top 101. ft. MSL	or ft,	西西 / 。	Red Clin	1 ± 40	
			h. Volume added		3
I. Well bottom 1091.010 ft. MSL	or ft.	0	Well casing:	Flush threaded PVC so	
	·····		wen easing.		
J. Filter pack, bottomft. MSL	. or ft.			Flush threaded PVC so	
	· ···			PVC	Other 🛛 🚎
K. Borehole, bottom 1089.33 ft. MSL	or ft.s		Screen material:		
	····		 Screen type: 		Factory cut Z 11
L Borehole, diameter <u>2.9</u> in.				Cont	inuous slot 🗖 🛛 0 1
in,		1		AA 01	Other 🛛 🎆
M. O.D. well casing $\int_{-\infty}^{\infty} \frac{1}{2} = \frac{1}{100}$		N	b. Manufacturer	Monoflex	
wi. O.D. well casing _1_*_ in.		· · · · · · · · · · · · · · · · · · ·	c. Slot size:		0. Q1Q in.
N. I.D. well casing		2490	d. Slotted length:		$-\underbrace{IQ}_{ft.}$
N. I.D. well casing in.		11	Backfill material (below filter pack):	None 🖾 14
Therefore and the deside of the					Other 🗆 🞆
I hereby certify that the information on this f		the best of my know	ledge.		
Signature	A., Firm V	NG NUC			
- Thereally is	rixin V	NGNHS			

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Remediation/Redevelopment	
	Vaushara LLOT(Site 10)
Facility License, Permit or Monitoring Number County Code	e Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry? Image: Yes Image: No 2. Well development method surged with bailer and bailed Image: Amage: Amage	11. Depth to Water (from top of well casing) Date b. Q $T/ \frac{1}{d} \frac{Q}{y} \frac{Q}{y} \frac{Q}{y} \frac{Q}{y} \frac{Q}{y} \frac{T}{d} \frac{Q}{d} \frac{Q}{y} \frac{Q}{y} \frac{Q}{y} \frac{T}{y} \frac{Q}{y} \frac{Q}{y} \frac{Q}{y} \frac{T}{y} \frac{Q}{y} \frac{Q}{y} \frac{T}{y} \frac{Q}{y} \frac{Q}{y} \frac{Q}{y} \frac{T}{y} \frac{Q}{y} \frac{Q}{y} \frac{Q}{y} \frac{T}{y} \frac{Q}{y} \frac{Q}{y} \frac{T}{y} \frac{Q}{y} \frac{Q}{y} \frac{Q}{y} \frac{Q}{y} \frac{T}{y} \frac{Q}{y} \frac{Q}{$
3. Time spent developing well	(Describe) (Describe) Brown Light Brown Opaqoe Slight thrbidity
 8. Volume of water added (if any)Q.Q gal. 9. Source of water addedNA	14. Total suspended mg/l mg/l solids mg/l mg/l 15. COD mg/l mg/l 16. Well developed has Nore (first last) and First mg/l
 10. Analysis performed on water added? Yes No (If yes, attach results) 17. Additional comments on development: 	16. Well developed by: Name (first, last) and Firm First Name: PEFET Last Name: CHASE Firm: WGNHS
DTB 29.8 pre-developme	nt

Name and Address of Facility Contact /Owner/Responsible Party First Last Part Sen Name: Mike Name: Part Sen	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: WGNHS	_ Signature: Michael (- Pater
Street:	_ Print Name: Mite Parsen
City/State/Zip:	- Firm: WGNHS

State of Wisconsin Department of Netural Resources Route to: N	Watershed/Wastewater	Waste Management	MONITORING WELL CONSTRUCTION
		C (1)	Form 4400-113A Rev. 7-98
Facility/Project Name Central Sund Lake Study	Local Grid Location of WellftS.		Well Name LLOS (Site 19)
Pacility License, Permit or Monitoring No. WGNHS	Local Grid Origin [(estimated Lat. <u>44</u> , 20903 Lor	i:) or Well Location	Wis. Unique Well No. DNR Well ID No.
Facility ID = 7000 2301	St. Plane ft. N,	ft. E. S/C/N	Date Well Installed 97/16/2018
Type of Well	Section Location of Waste/Source		Well Installed By: Name (first, last) and Firm
Well Code MW	1/4 of 1/4 of Sec	_,TN, R 🛛 W	
Distance from Waste/ Enf. Stds.	Location of Well Relative to Wast u Upgradient s S	te/Source Gov. Lot Number	lony Kapugi
Sourceft. Apply	d 🗆 Downgradient n 🗖 N		Onsite Environmental
		1. Cap and lock?	Yes 🗆 No
B. Well casing, top elevation U22		2. Protective cover p a. Inside diamete	11
C. Land surface elevation	41_ft. MSL	b. Length:	_ 5 _ft.
D. Surface seal, bottom	Lor ft.	c. Material:	Steel DK 04
12. USCS classification of soil near screer	142 - Cold - Col	· · · · · · · · · · · · · · · · · · ·	Other 🗆 📃
		d. Additional pro	
		If yes, describ	e:
Bedrock		3. Surface scal:	Bentonite 🗆 30
13. Sieve analysis performed?	(es 🖄 No	S	C d Concrete \Box 01
	599 855	Native	
	ary □ 50	4. Material between	well casing and protective pipe:
Hollow Stem Au Creaprobe Or	her 🖾 🔤	S. J	Bentonite 🔲 30
<u>Onderbec</u>		ana	Other 🖄
15. Drilling fluid used: Water 🗆 0 2	Air 🗆 01	5. Annular space set	
	fone) 🛛 99 🛛 🗱 🕅		ud weight Bentonite-sand slurry 35
			ud weight Bentonite slurry 2 31 ite Bentonite-cement grout 50
16. Drilling additives used?	es 🕰 No		volume added for any of the above
		f. How installed:	
Describe	👹 👹	I. HOW INStancu.	Tremie pumped \square 02
17. Source of water (attach analysis, if requ	ired):	8	Gravity 🗹 08
NA	100 100 100 100 100 100 100 100 100	6. Bentonite seal:	a. Bentonite granules 🔲 33
		b. 🗆 1/4 in. 🗖	$\frac{3}{8}$ in. $\Box 1/2$ in. Bentonite chips \mathbf{X} 3.2
E. Bentonite seal, topft. MSI	_ or ft 🐹 📓	/ c	Other 🗆 📖
F. Fine sand, topft. MSI	_orft.	7. Fine sand meteria	l: Manufacturer, product name & mesh size
Mail of		a.	
G. Filter pack, top 1104 col_ft. MSI	orft.	b. Volume added	ft ³
		8. Filter pack materi	al: Manufacturer, product name & mesh size
H. Screen joint, top $[] Q 2 \circ Q]$ ft. MSI	or fl.	a Beditlin	1 #40
		b. Volume added	ft ³
I. Well bottom	orft.	9. Well casing:	Flush threaded PVC schedule 40 🙇 23
		×	Flush threaded PVC schedule 80 🔲 24
J. Filter pack, bottomft. MSI	_ or ft.	·	Other
K. Borehole, bottom 1089 11 ft. MSL	orft.	10. Screen material: a. Screen type:	Factory cut 1 1
L. Borehole, diameter 2.4 in.			Continuous slot 🗆 01
		b. Manufacturer	Monoflex Other []
M. O.D. well casing 1_{12} in.		c. Slot size:	0. <u>OJ</u> 9in.
N. I.D. well casing $\int Q_{-} m_{-}$		d. Slotted length:	
N. I.D. well casing $\int \int Q_{-}$ in.		11, Backfill material	
I hereby certify that the information on this f	orm is true and correct to the heat	of my knowledge	Other 🗆 🔬
Signature	Firm	or my knowledge.	
	San WGN	HS	
•			

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopment	
Facility/Project Name County Nam	aughara Well Name LL 08 (Site 10)
Pacility License, Permit or Monitoring Number County Code	
1. Can this well be purged dry?	Before Development After Development
 2. Well development method surged with bailer and pumped 61 surged with block and pumped 42 surged with block and pumped 42 surged with block, bailed and pumped 70 compressed air 20 bailed only 10 pumped only 51 pumped slowly 50 Other 3. Time spent developing well 4. Depth of well (from top of well casisng) 3. Q. Q. ft. 5. Inside diameter of well Casing Q. Q. gal. 7. Volume of water removed from well 1. Source of water added (if any) Q. Q. gal. 9. Source of water added M.K. 10. Analysis performed on water added? Yes No (If yes, attach results) NK 	11. Depth to Water (from top of well casing) Date b. $\frac{Q}{T} / \frac{LQ}{LQ} / \frac{2}{Q} \frac{1}{V} \frac{S}{Q} \frac{Q}{T} / \frac{LQ}{LQ} \frac{1}{V} \frac{S}{Q}$ m m d d y y y y m m d d y y y y Time c. $\frac{LL}{2} \stackrel{Q}{=} \frac{1}{P} \frac{S}{Q} \frac{Q}{P} \frac{1}{LQ} \stackrel{Q}{=} \frac{1}{Q} \frac{Q}{Q} \frac{1}{P} \frac{S}{Q}$ 12. Sediment in well bottom 13. Water clarity Clear 10 Turbid X 15 (Describe) $\frac{S}{L} \stackrel{Q}{=} \frac{Q}{Q} \stackrel{Q}{=} \frac{Q}{Q} \stackrel{Q}{=} \frac{Q}{Q} \frac{Q}{Q}$ $\frac{L}{Q} \frac{Q}{Q} \frac{Q}{Q} \stackrel{Q}{=} \frac{1}{Q} \frac{Q}{Q} $
DTB 29.34 pre-develop	ment
2.5 stick up	
Name and Address of Facility Contact /Owner/Responsible Party First Last Partye	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: NGNHS	_ Signature: Michael J. Parlen
Street:	Print Name: Mye Parden

	Vatershed/Wastewater	Waste Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name	Remediation/Redevelopment		Well Name
Central Sands Catel Study	Local Grid Location of Well	Nft. 🗄 E. Sft. 🖶 W.	LLO9 (Site 10)
Facility License, Permit or Monitoring No.	Local Grid Origin I (estimate	ed:) or Well Location	Wis. Unique Well No. DNR Well ID No.
Eacility ID	Lat. 44, 20542 L		VQ825
WID= 7000 2302	St. Plane ft. N, Section Location of Waste/Source	ft. E. S/C/N	Date Well Installed $D_{m} = \frac{1}{2} \frac{1}{2}$
Type of Well		,T N, R 🖸 W	Well Installed By: Name (first, last) and Firm
Well Code / M/W Distance from Waste/ Enf. Stds.	Location of Well Relative to Wa	ste/Source Gov. Lot Number	- Grage Kapuzi
Sourceft. Apply	u 🗆 Upgradient s 🗖 d 🗆 Downgradient n 🗖	Sidegradient Not Known	Onsite Environmental
A. Protective pipe, top elevation _1117.	. 89 _ ft. MSL	1. Cap and lock?	🖄 Yes 🗆 No
B. Well casing, top elevation 1117	-71_ft. MSL	2. Protective cover a. Inside diamete	
	.52 ft. MSL	b. Length:	$-\underline{L} - \underline{m}$
	Lor ft.	c. Material:	Steel DA, 04
12. USCS classification of soil near screen			
GP GM GC GW S	WK SP D	d. Additional pro	
SM SC ML MH C Bedrock		3. Surface scal:	Bentonite 🗆 30
	(es 🖾 No	2000	e Soil Concrete □ 01 Other \$2
	ary 🗆 50		well casing and protective pipe:
Hollow Stem Au	ger 🗆 41		Bentonite D 30
<u>beoprobe</u> or	her 🕅 📖	Sand	Other 🕅 🎆
15. Drilling fiuid used: Water 🗆 0 2	Air 🗆 01	5. Annular space se	
	Tone 🕱 99		nud weight Bentonite-sand slurry D 35 nud weight Bentonite slurry D 31
16. Drilling additives used?	es KÍ No	d % Benton	ite Bentonite-cement grout 🗆 50
		No.	volume added for any of the above Tremie 🗇 0 1
Describe		f. How installed	$\frac{1}{2} \qquad \qquad$
17. Source of water (attach analysis, if required $\lambda \setminus A$	ired):		Gravity 🗶 08
N[H		6. Bentonite seal:	a. Bentonite granules 📋 3.3
E. Bentonite seal, topft, MSI	orft.	Б. Ш1/4 m. Д	3/8 in. □1/2 in. Bentonite chips 🛛 3 2 Other □
E Eine and A.		7 Fine sand materia	al: Manufacturer, product name & mesh size
F. Fine sand, top ft. MSI	-ortt.		
G. Filter pack, top 1101,91 ft. MSI	or ft.	b. Volume added	ft ³
ingg al			ial: Manufacturer, product name & mesh size
H. Screen joint, top [099.4] _ ft. MSI	_ or II.	a led Fli	nt at 40
I. Well bottom	_ or ft.	b. Volume addee 9. Well casing:	Flush threaded PVC schedule 40 🕱 23
			Flush threaded PVC schedule 80 \Box 24
J. Filter pack, bottomft. MSI	_ or ft.		PNC Other D
K. Borehole, bottom 1090 52 ft. MSI		a. Screen type:	Factory cut 🖾 11
L. Borehole, diameter _2.4_ in.	PVC well deeper than borehole	×	$\begin{array}{c} \text{Continuous slot} \square & 0 \\ 0 \\ \text{Other} \square \end{array}$
M. O.D. well casing -1.2 in.	H Wen deeper	b. Manufacturer c. Slot size:	Monoflex 0.010 in.
1 III.	Than borehole	d. Slotted length	
N. I.D. well casing -1.0 in.		11. Backfill material	(below filter pack): None 🛛 14
I hereby certify that the information on this I	form is true and correct to the bar	st of my knowledge	Other 🗆 🚛
Signature 111 1 1	Firm		
Midney V. Pa	vien NG	NHS	

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MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopment	Other
	Naushara Well Name LL 09 (Sik 1D)
Facility License, Permit or Monitoring Number County Code	Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry? □ Yes X No 2. Well development method □ 41 surged with bailer and bailed □ 41 surged with bailer and pumped □ 61 surged with block and pumped □ 42 surged with block and pumped □ 56 surged with block, bailed and pumped □ 70 compressed air □ 20 bailed only □ 10 pumped only □ 51 pumped slowly □ 50 Other □ 35 min. 4. Depth of well (from top of well casisng) _27.% ft. 5. Inside diameter of well _1.0	11. Depth to Water (from top of well casing) Date $b \underbrace{O 7}_{m m} 1 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \&$
 6. Volume of water in filter pack and wellQ.3 gal. 7. Volume of water removed from wellLS.Q gal. 8. Volume of water added (if any)Q.Q gal. 9. Source of water addedNA 	Fill in if drilling fluids were used and well is at solid waste facility: 14. Total suspended mg/l mg/l 15. COD mg/l mg/l
9. Source of water added 10. Analysis performed on water added? Image: Yes No (If yes, attach results) Image: Yes Image: No	16. Well developed by: Name (first, last) and Firm First Name: Peter Last Name: Chase Firm: WGNHS
17. Additional comments on development: DTB 26-25 pre-developmen	,t
Name and Address of Facility Contact /Owner/Responsible Party	I hereby certify that the above information is true and correct to the best

First Name:	I hereby certify that the above information is true and correct to the best of my knowledge.		
Facility/Firm: WGNHS	Signature: Mithice F. Parses		
Street:	_ Print Name: Mike Parsen		
City/State/Zip:	_ Firm: WGNHS		

State of Wisconsin Department of Netural Resources <u>Route to:</u> Watershed/Wastewater	Waste Management MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Remediation/Redevelopment	Other Tohn 4400-115A Rev. 7-98
Facility/Project Name Local Grid Location of Well	Well Name
Facility/Project Name Local Grid Location of Well Central Savis Lokes Study offt.	ESA. E. ULO9B (Site 10)
Central Sand's Lakes Study 27ft. Facility License, Permit or Monitoring No. Local Grid Origin [] (estin	mated: .) or Well Location & Wis. Unique Well No. DNR Well ID No.
WGNHS Lat. 44,20542.	Long84,45636 NQ844
	Data Wall Installed
Lin = 70007277 St. Flame	
Type of Well	ource m m d d y y y y
	c,, TN, RW Well Installed By: Name (first, last) and Firm
Well Code/ MAN Location of Wall Palation to	Waste/Source Gov. Lot Number DMy Kapi
Distance from waste/ Enf. Stds. u Dpgradient s	Sidegradient
Sourceft. Apply d Downgradient n	
A. Protective pipe, top elevation ft. MSL	1. Cap and lock?
B. Well casing, top elevation 1117.98 ft. MSL	2. Protective cover pipe:
	a. Inside diameter:
C. Land surface elevation <u>[1]5_37</u> ft. MSL	b. Length: -5_{fl}
	c. Material: Steel 🗹 04
D. Surface seal, bottom ft. MSL or ft.	Other 🗆
12. USCS classification of soil near screen:	N 453N 453021
GP GM GC GW GSW SK SP G	
	If yes, describe:
Bedrock	3. Surface scal: Bentonite 🛛 30
	Concrete 0 01
13. Sieve analysis performed? 🛛 Yes 💆 No	Other Other
14. Drilling method used: Rotary 🗆 5 0	4. Material between well casing and protective pipe:
Hollow Stem Auger 41	
Geopole Other 2	Bentonite 🗆 30
	Other 🕅 🛄
15 Delling field and Water D 0.2 At D 0.4	5. Annular space seal; a. Granular/Chipped Bentonite 🕅 33
15. Drilling fluid used: Water 🗆 0 2 Air 🗌 0 1	bLbs/gal mud weight Bentonite-sand slurry [] 35
Drilling Mud 🗆 0 3 None 🕅 99	cLbs/gal mud weight Bentonite slurry [] 31
	KOL WID I I I I I I I I I I I I I I I I I I
16. Drilling additives used?	d% Bentonite Bentonite-cement grout [50
	eFt ³ volume added for any of the above
Describe	f_{f} How installed: Tremie \Box 01
17. Source of water (attach analysis, if required):	\square Tremie pumped \square 0.2
	Gravity 🔯 0.8
Sur Prairie	6. Bentonite seal: a. Bentonite granules 🗌 33
E. Bentonite seal, topft. MSL orft.	
	C Other □
F. Fine sand, top	7. Fine sand material: Manufacturer, product name & mesh size
101928	3 a
G. Filter pack, top 049.28 ft. MSL orft.	b. Volume added ft ³
	8. Filter pack material: Manufacturer, product name & mesh size
H. Screen joint, top 1047.28 ft. MSL or ft.	- Red Elivet #40 Notive
	b. Volume added ft^3
I. Well bottom 1042.28 ft. MSL or ft.	
	9. Well casing: Flush threaded PVC schedule 40 🕱 23
	Flush threaded PVC schedule 80 🗆 24
J. Filter pack, bottom ft. MSL or ft.	Other 🗆 🛁
1 - 110 72	10. Screen material: - RV7.
K. Borehole, bottom 10-40.37 ft. MSL or ft.	
L. Borehole, diameter _ 2, 4 in.	Continuous slot 🗆 01
La Dorenoie, diameter in.	\Box Other \Box
19	b. Manufacturer Monoflex
M. O.D. well casing -1.2 in.	c. Slot size: 0.010 in.
1	d. Slotted length:
N. I.D. well casing in.	
I hereby certify that the information on this form	Other 🗆 🎆
I hereby certify that the information on this form is true and correct to the	best of my knowledge.
Signature ALL Firm 1	
when the fatter with	D N/IS

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wast	ewater	Waste Management				
Remediation/Re		Other 🛄				
Facility/Project Name	County Name	Shava	Well Name	LLOG B	(site	(01
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Nu		DNR Well ID I	Vumber	3
4. Depth of well (from top of well casisng) $= 7$.	$\begin{array}{cccc} 4 & 1 \\ 6 & 1 \\ 4 & 2 \\ 6 & 2 \\ 7 & 0 \\ 2 & 0 \\ 1 & 0 \\ 5 & 1 \\ 5 & 0 \\ \hline $	well casing) Date	a. <u>18</u> b. <u>11</u> / <u>70</u> b. <u>m.m.d.d</u> c. <u>09</u> :15	$\frac{\sqrt{2018}}{\sqrt{y y y y y}}$	$\frac{\int \int \frac{1}{m} \frac{n}{m}}{\frac{1}{d}} \frac{2}{d} \frac{0}{d}$	ft. / <u>2_0 (8</u> y y y y a.m. p.m.
7. Volume of water removed from well	& gal. 2 gal. gal.	Fill in if drilling fluid 14. Total suspended solids 15. COD		^{mg/l}		mg/l
10. Analysis performed on water added?	Yes 🗆 No	16. Well developed t First Name: M; Firm: WGA	Ke	nst) and Firm Last Name:	assen	

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Last Name: Pasen	I hereby certify that the above information is true and correct to the best of my knowledge.			
Facility/Firm:	_ Signature: M. Moel J. Pasen			
Street:	Print Name: Mike Parsen			
City/State/Zip:	- Firm: LUGNHS			

	Waste Management MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name Local Grid Location of Well Local Grid Location of Well Rt S.	ft. $\exists W.$ Well Name LL LO (Site ID)
Facility License, Permit or Monitoring No. Local Grid Origin □, (estimated Lat, 44, 20664 Lon	\square) or Well Location \square Wis. Unique Well No. DNR Well ID No. $\square \square $
WIV - 1000 - 2005 Section Location of Waste/Source	ft. E. S/C/N Date Well Installed $M = \frac{110129178}{m m d d y y y y}$
Type of Well / / M/W //4 of/4 of Sec Well Code / / M/W /4 of Sec Distance from Waste/ Enf. Stds. U	
Sourceft. Apply \Box d \Box Downgradient $n \Box$ N	ot Known Ossite Environmental
A. Protective pipe, top elevation _11(939 ft. MSL	1. Cap and lock?
	a. Inside diameter:
C. Land surface elevation	b. Length:ft. c. Material: Steel 5 0 4
D. Surface seal, bottom. ft. MSL or ft.	Other D
12. USCS classification of soil near screen: GP GM GC GW SW SP X SM SC ML MH CL CH CH	d. Additional protection?
Bedrock	3. Surface scal: Bentonite \Box 30 Concrete \Box 01
13. Sieve analysis performed? ☐ Yes X No	Native Soil Other D
14. Drilling method used: Rotary 🗆 5 0	4. Material between well casing and protective pipe:
Hollow Stem Auger 41	Sand Bentonite 30 Other &
	5. Annular space seal: a. Granular/Chipped Bentonite 233
15. Drilling fluid used: Water $\Box 0.2$ Air $\Box 0.1$	bLbs/gal mud weight Bentonite-sand slurry [] 35
Drilling Mud 🗆 0 3 None 🖾 99	cLbs/gal mud weight Bentonite slurry 🛛 31
16. Drilling additives used?	d% Bentonite Bentonite-cement grout [] 50 eFt ³ volume added for any of the above
	f. How installed: Tremie \Box 01
17. Source of water (attach analysis, if required):	Tremie pumped \Box_{02}
NA	Gravity 🜌 08 6. Bentonite seal: a. Bentunite granules 🔲 33
	6. Bentonite seal: a. Bentonite granules \square 3 3 b. \square 1/4 in. \square 3/8 in. \square 1/2 in. Bentonite chips \square 3 2
E. Bentonite seal, topft. MSL orft.	/ c Other □
F. Fine sand, topft. MSL orft.	7. Fine sand material: Manufacturer, product name & mesh size
G. Filter pack, top 1102.86 ft. MSL or ft.	a b. Volume added fi ³
H. Screen joint, top [100.K ft. MSL or ft.	8. Filter pack material: Manufacturer, product name & mesh size a. <u>Rect flint #110 / Native</u> h. Volume added ft ³
I. Well bottom 1090.68(. ft. MSL or ft.	9. Well casing: Flush threaded PVC schedule 40 🗶 2.3 Flush threaded PVC schedule 80 🗆 2.4
J. Filter pack, bottomft. MSL orft.	Other 🗆 🚛
K. Borehole, bottom 1091.10 ft. MSL or ft.	a. Screen type: Factory cut 2 11
L. Borehole, diameter 2=4 in. Well PVC M. O.D. well casing <u>1.2</u> in. deeper than N. I.D. well casing <u>1.10</u> in. borehole	Continuous slot [] 01 Other [] Will b. Manufacturer
M. O.D. well casing _1.2 in. deeper than	c. Slot size: 0. Q.Qin.
N. I.D. well casing <u>10</u> in. borehole	d. Slotted length:ft. 11. Backfill material (below filter pack): None 🖾 14 Other 🗆
I hereby certify that the information on this form is true and correct to the best	
Signature Withael J. Partsen Firm WG	NHS

State of Wisconsin . -

MONITORING WELL DEVELOPMENT

Department of Natural Resources	Form 4400-113B Rev. 7-98
Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopment	Other
Facility/Project Name County Name	
I achity/i toject Hanc	Jangliara Well Name LL 10 (Site 10)
Facility License, Permit or Monitoring Number County Code	Wis. Unique Well Number DNR Well ID Number
ZQ	<u></u>
	D.C. D. J
1. Can this well be purged dry? 🗆 Yes 🎜 No	Before Development After Development 11. Depth to Water Instruction
O IV II download mode of	(from top of $a_{1} = 20 \cdot 22$ ft. $20 \cdot 32$ ft.
2. Well development method	well casing) $a = 222 \dots 212$ $a = 212 \dots 212$
surged with bailer and bailed 4 1	
surged with bailer and pumped surged with block and bailed 4 2	Date 107/17/2018 07/17/2018
surged with block and pumped \Box 62	Date $b \frac{O}{m} \frac{T}{d} \frac{1}{d} \frac{T}{y} \frac{2}{y} \frac{O}{y} \frac{1}{y} \frac{S}{y} \frac{O}{d} \frac{T}{d} \frac{1}{d} \frac{T}{y} \frac{2}{y} \frac{O}{y} \frac{1}{y} \frac{S}{y}$
surged with block, bailed and pumped \Box 70	
compressed air $\Box 20$	Time $c. LL: 250 \text{ p.m.} 12:35 \text{ p.m.}$
bailed only \Box 10	
pumped only \Box 51	12. Sediment in well 130 inches 100 inches
	bottom
other Nate Ta	13. Water clarity Clear 10 Clear 20
• •	Turbid 2 15 Turbid 2 25
3. Time spent developing well $-\underline{\mathcal{H}Q}_{\min}$.	(Describe) (Describe)
0 5 (Operque Brows
4. Depth of well (from top of well casisng) $\underline{-22}$, $\underline{6}$ ft.	Brown Moderate turbidity
5. Inside diameter of well $\underline{1}, \underline{9}$ in.	
6. Volume of water in filter pack and well	
casing -0.3 gal.	
	Fill in if drilling fluids were used and well is at solid waste facility:
7. Volume of water removed from well 15.0 gal.	
	14. Total suspended mg/l
8. Volume of water added (if any) Q . Q gal.	solids
9. Source of water added NA	15. COD mg/l mg/l
9. Source of water added	$13. \text{ COD} \qquad \qquad$
J. Brite a	16. Well developed by: Name (first, last) and Firm
10. Analysis performed on water added? Yes No	First Name: Petor Last Name: Chase
(If yes, attach results)	
	Firm: WGNHS
17. Additional comments on development:	
DTB pre-deve logment = 27.	5
PIB pic one lopinal 521	
	and the second
Name and Address of Facility Contact /Owner/Responsible Party	I hereby certify that the above information is true and correct to the best
First Mike Last Name: Paven	of my knowledge.
	a male for the
Facility/Firm: WGNHS	Signature: Michael Pales
	northe D. Co.
Street:	Print Name: Mile Parky
()'	Firm: WGNHS
City/State/Zip:	

Plainfield Lake Geoprobe Well & Boring Forms

- Monitoring Well Construction (4400-113A)
- Monitoring Well Development (4400-113B)
- Borehole Abandonment (3300-05)

State of Wis., Dept. of Natural Resources dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Page 1 of 2

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

PFLOI

	Route to DNR Bureau:			
X Verification Only of Fill and Seal	Drinking Water	Watershed/Wa	stewater	Remediation/Redevelopment
	Waste Manageme	ent Other:		
1. Well Location Information		2. Facility / Owner Info	rmation	
	Hicap # / A	Facility Name	0 10	1
Waushara	N/A	Facility ID (FID or PWS)	Sands	Lakes Study
Latitude / Longitude (see instructions) Format	In Concean	WGNH	S	
<u>44.20928</u> N	DD SCR002	License/Permit/Monitoring #		
-89.47345 W		WID= =	100022	81; SITE ID PFLOI
1/4 / 1/4 Section Tow	nship Range E	Original Well Owner		
or Gov't Lot #	N 🗖 W			
Well Street Address		Present Well Owner		
Moll City Millions on Tawn	Mall ZID Code	Mailing Address of Present	Owner	
Well City, Village or Town	Well ZIP Code			Les l
Subdivision Name	Lot #	City of Present Owner		State ZIP Code
Reason for Removal from Service WI Unique Well	# of Replacement Well	4. Pump, Liner, Screen	, Casing & S	ealing Material
Boring hit refulal		Pump and piping remove	d?	Yes No N/A
3. Filled & Sealed Well / Drillhole / Borehole	Information	Liner(s) removed?		Yes No N/A
	on Date (mm/dd/yyyy)	Liner(s) perforated?		Yes No N/A
710/201	8	Screen removed?		
vyater vveli	on Report is available,	Casing left in place?		
Borehole / Drillhole please attach.		Was casing cut off below	surface?	Yes No N/A
Construction Type:	-	Did sealing material rise t	o surface?	Yes No N/A
Drilled Driven (Sandpoint)	Dug Dug	Did material settle after 2		Yes X No N/A
Other (specify): <u>Creoprobe</u> , bore	hole	If yes, was hole retop	· .	
Formation Type:		 If bentonite chips were us with water from a known 		Yes No N/A
Unconsolidated Formation	ock	Required Method of Placing	Sealing Materia	al
Total Well Depth From Ground Surface (ft.) Casing I	Diameter (in.)	Conductor Pipe-Gravit	y Conduct	tor Pipe-Pumped
45'	N/A	Screened & Poured (Bentonite Chips)	Other (E	xplain):
F 11	Depth (ft.)	Sealing Materials		
2.4	NA	Neat Cement Grout		Concrete
		Sand-Cernent (Concre	ete) Grout	Bentonite Chips
Was well annular space grouted?	No Unknown	For Monitoring Wells and M	onitoring Well B	oreholes Only:
If yes, to what depth (feet)? Depth to Wate	L.P. Strengthered and A.	Bentonite Chips	Ber	ntonite - Cement Grout
N	H	Granular Bentonite	Ber	ntonite - Sand Slurry
5. Material Used to Fill Well / Drillhole		Prom (it.) 10 (it.)	No. Yards, Sack Volume (cir	
Bentionite chips		Surface 45		
	2			
6. Comments				
Boveholewas abardon	ed and se	aled,		
7. Supervision of Work			N. 8 18 31	DNR Use Only
	ense # Date of F (mm/dd/y	illing & Sealing or Verification yyy) 710 2018	Date Received	
Street or Route		elephone Number	Comments	the second s
V)	Junitorito	
City State	ZIP Code	Signature of Person Doing \	Nork	Date Signed

PFLOIB

State of Wis., Dept. of Natural Resources dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report Page 1 of 2

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

X Verification Only of Fill and Seal	Route to DNR Bureau:	Watershed/Waste	ewater Re	emediation/Redevelopment
Vernication only of the and ocal	Waste Manageme	nt Other:	10	
1. Well Location Information		2. Facility / Owner Inform	nation	
County WI Unique Well # of	Hicap #	Facility Name		LI CIL
WausharaK	NA	Facility ID (FID or PWS)	Sands L	akes Study
Latitude / Longitude (see instructions) Format	12000000	WGNHS		•
<u>44.20930</u> N	D SCR002	License/Permit/Monitoring #	-	
<u>-89.47345</u> w		WID = to	002282	; STE ID= PFLOIR
1/4/1/4 1/4 Section Tow	nship Range E	Original Well Owner		1
or Gov't Lot #	N 🗖 W			
Well Street Address		Present Well Owner		
Well City, Village or Town	Well ZIP Code	Mailing Address of Present Ov	vner	
Subdivision Name	Lot #	City of Present Owner	Stat	e ZIP Code
Reason for Removal from Service WI Unique Well	# of Replacement Well	4. Pump, Liner, Screen,	Casing & Sealing	Material
Boring hit versal		Pump and piping removed?		Yes No N/A
3. Filled & Sealed Well / Drillhole / Borehole	Information	Liner(s) removed?		Yes No N/A
Monitoring Well Original Construction	n Date (mm/dd/yyyy)	Liner(s) perforated?		
	018	Screen removed? Casing left in place?		Yes No N/A
If a Well Constructi	on Report is available,			
Borehole / Drillhole please attach.		Was casing cut off below su		
Construction Type:	— _	Did sealing material rise to a Did material settle after 24 h		Yes No N/A
Drilled Driven (Sandpoint)	Dug	If yes, was hole retoppe		
Other (specify): <u>Creoprobe</u> hare)	nole	If bentonite chips were used		
Formation Type:		with water from a known sa	fe source?	Yes No N/A
Unconsolidated Formation	ock	Required Method of Placing S		
	Diameter (in.)	Conductor Pipe-Gravity		
12	J (A	Screened & Poured (Bentonite Chips)	Other (Explain):	
	Depth (ft.)	Sealing Materials		
2.4"	JIA	Neat Cement Grout		crete
		Sand-Cement (Concrete		tonite Chips
Was well annular space grouted?		For Monitoring Wells and Mon		
If yes, to what depth (feet)? Depth to Wate	- 10 A 25	Bentonite Chips		Cement Grout
5	VIA	Granular Bentonite		Sand Slurry
5. Material Used to Fill Well / Drillhole		From (ft.) To (ft.) No	 Yards, Sacks Seala Volume (circle one) 	
Bentonite chips		Surface 12		
6. Comments				
Borehole was abandones	Land Seal	e al		
7. Supervision of Work			DNR	Use Only
			Date Received	Noted By
Tony Kapugi: Onste Environmetal	(mm/dd/y	199)7102018	Ster Sunda Ster 2	
Street or Route	T	elephone Number	Comments	
	()	In the formula	
City State	ZIP Code	Signature of Person Doing Wo	ork	Date Signed

State of Wisconsin Department of Netural Resources Route to: Watershed/Wastewater	Waste Management 🛄	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Remediation/Redevelopment	Other 🔲	
Facility/Project Name Local Grid Location of Wellft.	Nfr. 🛛 E. Sfr. 🗋 W.	Well Name PFL 02 (SITE 10)
Facility License, Permit or Monitoring No. Local Grid Origin (estimat WENHS Lat. 44, 20893 L	cd: 🗆) or Well Location 🕅	Wis. Unique Well No. DNR Well ID No.
Facility ID LUD = Paco 25 92 St. Planeft. N.	ft, E, S/C/N	Date Well Installed Q7/10/2018
Type of Well Section Location of Waste/Sour	ce DR	mmddyyyy
Well Code 1 (1000)1/4 of 1/4 of Sec	,TN, R U	Well Installed By: Name (first, last) and Firm
Location of Weil Relative to Wa	aste/Source Gov. Lot Number	Tony Kapugi
Sourceft. Apply 🗀 d 🗆 Downgradient n 🗆		Onsite Environment
A. Protective pipe, top elevation _1124. 72 ft. MSL	1. Cap and lock? 2. Protective cover	Dipe:
B. Well casing, top elevation 1/124.52 ft. MSL	a. Inside diameter	-
C. Land surface elevation (123,45 ft. MSL	b. Length:	5_ ft.
and the second s	c. Material:	Steel 🗹 04
D. Surface seal, bottom ft. MSL or ' ft.	X	Other 🗆
12. USCS classification of soil near screen:	d. Additional pro	
GP GM GC GW SW SP G	If yes, describ	
Bedrock	3, Surface scal:	Bentonite 🗆 30
13. Sieve analysis performed? 🛛 Yes 🕅 No	8559	Concrete 01
	Native_	
14. Drilling method used: Rotary 🗆 5 0	4. Material between	well casing and protective pipe:
Hollow Stern Auger 🛛 4 1		Bentonite 🗆 30
Creoprobe Other	B Jand	Other 🛛
	5. Annular space se	a. Granular/Chipped Bentonite 2 33
15. Drilling fluid used: Water 🗆 0 2 Air 🗖 0 1		und weight Bentonite-sand slurry 2 35
Drilling Mud 🗆 0 3 None 🖉 99		ud weight Bentonite slurry D 31
	d % Benton	ite Bentonite-cement grout D 50
16. Drilling additives used? 🗆 Yes 🕅 No	Ft	volume added for any of the above
	f. How installed:	
Describe		Tremie pumped D 02
17. Source of water (attach analysis, if required):	888	Gravity 🖾 08
NIA I I I I I I I I I I I I I I I I I I	6. Bentonite seal:	a. Bentonite granules 33
	ECCI.	$3/8$ in. $\Box 1/2$ in. Bentonite chips Ξ 3.2
E. Bentonite seal, topft, MSL orft.	D. = 1/4 m. 4	Other
F. Fine sand, top ft. MSL or ft.	7. Fine sand materia	l: Manufacturer, product name & mesh size
F. Fine sand, top		
G. Filter pack, top // 01 . 12 ft, MSL or ft.	b. Volume added	ft ³
		al: Manufaçturer, product name & mesh size
H. Screen joint, top 1099 12 ft. MSL or ft.	a. Red Flint	##40 Native
I. Well bottom 1089, 12 ft. MSL or ft.	 b. Volume addec 9. Well casing: 	
	9. well casing:	
J. Filter pack, bottom ft. MSL or ft.		Flush threaded PVC schedule 80 24 Other 1
1052 05	10. Screen material:	PVC
K. Borehole, bottom 1087.08 ft. MSL or ft.	a. Screen type:	Factory cut 🕱 11
L. Borehole, diameter _2:4 in.	a	Continuous slot 🗇 01 Other 🗆 🎆
M. O.D. well casing $-\frac{1}{2}e^2$ in.	b. Manufacturer c. Slot size:	Mono Flex 0.010 in.
	d. Slotted length:	
N. I.D. well casing $\int \frac{1}{2} \frac{\partial}{\partial t} \frac{\partial}{\partial t}$ in.	11, Backfill material	(below filter pack): None 🖉 14
.		Other 🗆 🔐
I hereby certify that the information on this form is true and correct to the be	st of my knowledge.	
Signature Michael J. Pasen Firm WEN)HS	

2

4400	-113B	Rev

State of Wisconsin Department of Natural Resources	MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98			
Route to: Watershed/Wastewater	Waste Management			
Remediation/Redevelopment				
Facility/Project Name County Nam	Well Name PFL 02 (Site ID)			
Facility License, Permit or Monitoring Number County Cod	e Wis. Unique Well Number DNR Well ID Number $VQSQS$			
1. Can this well be purged dry? Image: Yes Yes No 2. Well development method Image: Yes Image: Yes Image: Yes	11. Depth to Water (from top of a. 25.64 ft. 25.64 ft.			
surged with bailer and bailed surged with bailer and pumped 6 1	well casing)			
surged with block and bailed14 2surged with block and pumped16 2surged with block, bailed and pumped7 0	Date $b \underbrace{O7}_{m m} / \underbrace{IO}_{d d} / \underbrace{2OIS}_{y y y y} \underbrace{O7}_{m m} / \underbrace{IO}_{d d} / \underbrace{2O}_{y y y y} \underbrace{O7}_{m m} / \underbrace{IO}_{d d} / \underbrace{2O}_{y y y y} \underbrace{O8}_{m m} \underbrace{O8}_{$			
compressed airI2 0bailed onlyIpumped onlyI5 1	Time c. $L(\varphi: 4.0 \square p.m. 1.6: 4.0 \square p.m.$ 12. Sediment in well 2 , inches 0 , inches			
pumped slowly 50 Other <u>Water 6</u>	bottom 13. Water clarity Clear 10 Clear 20 Turbid 25			
3. Time spent developing well -40 min.	(Describe) (Describe)			
4. Depth of well (from top of well casisng) 354 ft.	2			
5. Inside diameter of well $_ \underline{1}, \underline{Q} _$ in.	· · · · · · · · · · · · · · · · · · ·			
6. Volume of water in filter pack and well casingO, 3 gal.	Fill in if drilling fluids were used and well is at solid waste facility:			
7. Volume of water removed from well (Q, Q) gal.	14. Total suspended mg/l			
8. Volume of water added (if any) $- \underline{0}, \underline{0}$ gal.	solids			
9. Source of water added	15. COD mg/l mg/l 16. Well developed by: Name (first, last) and Firm			
10. Analysis performed on water added? (If yes, attach results)	First Name: Peter Last Name: Chale Firm: WENHS			

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Mile Last Name: Palsen	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: WGNMS	_ Signature: Millad J Pasta
Street:	Print Name: Mile Parsen
City/State/Zip:	Firm: UGNHS

PFL02B	>
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State of Wis., Dept. of Natural Resources dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.
Route to DNR Bureau:

	nking Water iste Manageme	nt 🗍	Watershed/Was Other:	stewater	Remediation/Redevelopment
1. Well Location Information	思想表示方法。	2. Facility	/ Owner Infor	mation	
County WI Unique Well # of Hicap #		Facility Nam	lê .		
WaushavaNAN	A	Facility ID (F	Leutr ID or PWS)	al Sand	S Lakes Study
	Method Code		L	JGNHS	
<u>44.20892</u> N MOD	SCR002	License/Per	mit/Monitoring #		
<u>-89,474,74</u> w DDM	ОТН001		WIDE	70002	284; Sik 1D= PFLOZE
	Range E	Original We	I Owner		
Well Street Address	L W	Present Wel	Owner		
Weil Offeet Address		e .			
Well City, Village or Town Well ZI	P Code	Mailing Add	ess of Present C	Owner	* *
Subdivision Name		City of Prese	ant Owner		State ZIP Code
			in o		
Reason for Removal from Service WI Unique Well # of Repla	acement Well	4. Pump, L	iner, Screen,	Casing & Se	aling Material
Exploratory bosting		Liner(s) re	piping removed	7	Yes No N/A
3. Filled & Sealed Well / Drillhole / Borehole Informat	tion		erforated?		
Monitoring Well Original Construction Date (m	m/dd/yyyy)	Screen re			Yes No N/A
Water Well 7/10/2018			t in place?		
Borehole / Drillhole	is available,		g cut off below s	urfago?	
Construction Type:		1	g material rise to		Yes No N/A
Drilled Driven (Sandpoint) Dug			al settle after 24		
X Other (specify): Geographic Bovehole			was hole retopp		
Formation Type:		If bentonit	e chips were use	ed, were they hyd	
Unconsolidated Formation			from a known sa		
Total Well Depth From Ground Surface (ft.) Casing Diameter (i	n)		thod of Placing store Pipe-Gravity	-	Pipe Dumped
35 NIA	n.)	Screen	ed & Poured nite Chips)	Other (Exp	
Lower Drillhole Diameter (in.) Casing Depth (ft.)		Sealing Mate			
2.4 NA		Neat C	ement Grout		Çoncrete
Was well annular space grouted? Yes X No		Sand-C	ement (Concrete	e) Grout	Bentonite Chips
	Unknown	For Monitorir	ng Wells and Mo	nitoring Well Bor	eholes Only:
If yes, to what depth (feet)? Depth to Water (feet)		Benton	ite Chips	Bento	onite - Cement Grout
25		Granula	ar Bentonite	K Bento	onite - Sand Slurry
5. Material Used to Fill Well / Drillhole		From (ft.)	To (ft.) N	 Yards, Sacks Volume (circle 	
Boentonile chips of sloving below	A Calertal	Surface	35	volume (circle	e one) Mud Weight
	- COugo Inc				
			*2	14	
6. Comments Bovehole was abandoned and 50	ealed,		制式自由初示。	的是認知的的關	
	ealed,			2	
7. Supervision of Work Name of Person or Firm Doing Filling & Sealing License #	Date of Fill	ing & Sealing	or Verification	Date Received	DNR Use Only Noted By
TONY ICA RIGI ONLIE DIVINONMENTA	(mm/dd/yy		12018	Date Neverveu	Noted by
Street or Route	2 - 1	lephone Num		Comments	
	()		5789000 (1990 <mark>0</mark> 7	
City State ZIP Co	de	Signature of	^D erson Doing W	ork	Date Signed

State of Wisconsin Department of Natural Resources	Route to: Watershed/Wast	descent and a second and	Waste Mana Other 🗌 🗕		MONITORING WI Form 4400-113A	ELL CONSTRU Rev. 7-98	CTION
Facility/Project Name	Cale () Ph	cation of Well	N.	ft. 🛛 🖳	Well Name PFL	03 (515	E ID)
Facility License, Permit or Me	onitoring No. Local Grid Orig	in □ (estimat	ted: 🗆) gr	Well Location	Wis. Unique Well N	No. DNR Well ID	No.
Facility ID = 7000	St. Plane	1. 1. 1. 1. T		ft. E. S/C/N	Date Well Installed		18
Type of Well Well Code	/ 00/W	1/4 of Sec,	T	N, R W	Well Installed By:	Name (first, last) as Kacuni	nd Firm
	Enf. Stds. u Upgrad		Sidegradient	Gov. Lot Number	Qasite		Ad
A. Protective pipe, top elevation		radient n 🗆		. Cap and lock?		M Yes 🗆	Date 1
B. Well casing, top elevation	124.35_ ft. MSI	+F		 Protective cover plant a. Inside diameter 	•	4.	0_ in.
C. Land surface elevation	1121.67_ ft. MSI		A DECK ADDES	b. Length: c. Material:		5. Steel 🗓	Qft.
D. Surface seal, bottom.	ft. MSL or 7	ft.	X			Other	and the second sec
12. USCS classification of set GP □ GM □ GC □ SM □ SC □ ML □	GW 🗆 SW 🕱 SP 🗆		K	d. Additional pro If yes, describe		🗆 Yes 🕅	
Bedrock			3	. Surface scal:		Bentonite Concrete	
13. Sieve analysis performed				Native		Other	
14. Drilling method used:	Rotary 50		4	. Material between	well casing and prote	cctive pipe:	
Genate Ho	llow Stem Auger 🛛 4 1 Other 🗗			5.1		Bentonite	- Secondar
			5	. Annular space set	a) a. Granular/Ch	ipped Bentonite	-96-926-844
15. Drilling fiuid used: Wate Drilling Mu					nud weight Bento		
Duning M	ud 🗆 03 None 🕅 99		k001		nud weight B		
16. Drilling additives used?	🗆 Yes 💆 No				ite Bentoni		50
Deseribe			f f			Tremie 🗖	01
17. Source of water (attach at	nalysis, if required):				Т	remie pumped 🛛	
NIA	• • • •		6	. Bentonite seal:	a. Ben	Gravity 🎝 Itomite granules 🗖	
	······································	- 📓			3/8 in. □1/2 in.		
E. Bentonite seal, top	ft, MSL or	ft.		C		Other 🗆	
F. Fine sand, top	ft. MSL or	ft.	7	. Fine sand materia	el Manufacturer, pro	duct name & mes	h size
G. Filter pack, top 1099	<u>_</u> 62 ft. MSL or	ft.		b. Volume added		_ft ³	100.000
H. Screen joint, top [9_9]	し近ft. MSL or	ft.	× ×	a_ Redfl	ial: Manufacturer, pr int 非40		sh size
I. Well bottom	65 ft MSL or 36.7	n.	9	 b. Volume added Well casing: 	Flush threaded PV(
J. Filter pack, bottom	ft_MSL or	ft.			Flush threaded PV0	Other	15000
K. Borehole, bottom	2-67ft. MSL or	ft.		a. Screen material:	PVC	Factory cut	11
L. Borehole, diameter	24 _{in.}		×.	7		ontinuous slot	11020040
M. O.D. well casing	<u>1 - 2</u> in.			 b. Manufacturer c. Slot size: l. Slotted length 	_Mongflex		10_in.
N. I.D. well casing	<u>] _ Q</u> in.		11	d. Slotted length Backfill material	: (below filter pack):	None [®]	
I hereby certify that the inform	nation on this form is true and	l correct to the be	est of my know	vledge.		Other	- 24
Signature AASA	Pasen	Firm	JGNHS				
- will work	1 raisen						

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

4400-1	13B	Rev

Route to: Watershed/Wastewater	
Remediation/Redevelopme	ent Other
Facility/Project Name County	Jaushara PFL 03 (Site 1)
Facility License, Permit or Monitoring Number County	Code Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry?	11. Depth to Water
2. Well development method surged with bailer and bailed	(from top of a. 2582 ft. 2553 ft. well casing)
 starged with bailer and pumped [] 6 1 surged with block and bailed [] 4 2 surged with block and pumped [] 6 2 surged with block, bailed and pumped [] 7 0 compressed air [] 2 0 bailed only [] 1 0 pumped only [] 5 1 pumped slowly [] 5 0 Other 5 0 3. Time spent developing well 5 0 3. Time spent developing well 5 0 J. Depth of well (from top of well casisng) 3 (a. 1 ft. 5. Inside diameter of well 1 (a. 1 ft.) 	Date $b. \underbrace{OT} / \underbrace{Oq} / \underbrace{2} \underbrace{Q} / \underbrace{B} \\ intermodely \\ mm \\ d \\ d \\ y \\ mm \\ d \\ d \\ y \\ y \\ y \\ y \\ mm \\ d \\ d \\ y \\ y \\ y \\ mm \\ d \\ d \\ y \\ y \\ y \\ mm \\ d \\ d \\ y \\ y \\ y \\ mm \\ d \\ d \\ y \\ y \\ y \\ y \\ mm \\ d \\ d \\ y \\ y \\ y \\ y \\ mm \\ d \\ d \\ y \\ y \\ y \\ y \\ mm \\ d \\ d \\ y \\ y \\ y \\ y \\ y \\ mm \\ d \\ d \\ y \\ y \\ y \\ y \\ mm \\ d \\ d \\ y \\ y$
6. Volume of water in filter pack and well casing2 a	I. Fill in if drilling fluids were used and well is at solid waste facility:
7. Volume of water removed from well 13.0 gal	14 Total suspended mg/l mg/l
8. Volume of water added (if any)Q gal	solids
9. Source of water added NA	15. COD mg/l mg/l
10. Analysis performed on water added?	- 16. Well developed by: Name (first, last) and Firm No First Name: Peter Last Name: Chase Firm: WC2NHS

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Name: Mile Last Name: Par Serv	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: UGNHS	Signature: Million J. Pater
Street:	Print Name: Mike Paser
City/State/Zip:	Firm: UGNHS

×	Watershed/Wastewater	Waste Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name	Remediation/Redevelopment	Other	417-11 NT
Central Sand Lakes And	Local Orio Location of Well	Nfr. 🗄 w.	Well Name PFI 04 (Site 1)
Facility License, Permit or Monitoring No		sn. □W. red: □) or Well Location 🕅	Wis. Unique Well No. DNR Well ID No.
WENHS	Lat. 44. 20880 1		
Facility ID WID= _ 70002286	St. Planc ft. N,	ft. E. S/C/N	Date Well Installed 01/09/2018
	Section Location of Waste/Sour	rce	m m d d y y y y
Type of Well	1/4 of 1/4 of Sec,	,TN,RW	Well Installed By: Name (first, last) and Firm
Well Code 11 / MW	Location of Well Relative to W		Tony Kapuqi
Distance from Waste/ Enf. Stds.		Sidegradient	Out Outomul
Sourceft. Apply	d 🗆 Downgradient n 🗖	Not Known	Onsite Environmental
A. Protective pipe, top elevation _ LLO		1. Cap and lock? 2. Protective cover	Ď Yes □ No
B. Well casing, top elevation	7.97 ft. MSL	a. Inside diamete	
01.1.6.1.6. 1105	.84 ft. MSL	b. Length:	······································
C. Land surface elevation $\underline{H} 0 \mathcal{Q}$		c. Material:	Steel 0 4
D. Surface seal, bottom _ ft. M	SL or ft.	C. Material.	Other 🗆
12. USCS classification of soil near scree	N. N. S. S. S.	d. Additional pro	
	sw 🗴 sp 🗆 🛛 🚺	If yes, describ	
Bedrock		3. Surface scal:	Bentonite 🗆 30
13. Sieve analysis performed?	Yes 🖄 No	Native	Concrete 01
	853		
•	otary D 50	4. Material between	well casing and protective pipe:
Hollow Stem A		S	Bentonite 🗆 30
<u>Creoprobe</u>	Other 🛛 🖉	Jano	Other R
15. Drilling fiuid used: Water 🗆 0 2	Air 🗆 01	5. Annular space se	
	None X 99		nud weight Bentonite-sand slurry 🗆 35
			nud weight Bentonite slurry 🛛 31
16. Drilling additives used?	Yes 🕱 No		ite Bentonite-cement grout 50
		KXX	volume added for any of the above
Describe		f. How installed	
17. Source of water (attach analysis, if req		82	Tremie pumped 🗆 02
AIA			Gravity 🛛 08
N[A	223	6. Bentonite seal:	a. Bentonite granules 🔲 33
		b. □1/4 in. ⊅	$3/8$ in. $\Box 1/2$ in. Bentonite chips \blacksquare 3 2
E. Bentonite seal, topft. MS	sL or II.	C	Other 🗆 🎆
		7 Fine sand materi	al: Manufacturer, product name & mesh size
F. Fine sand, top ft. MS	SL or ft. \		
G. Filter pack, top //00.07 ft. MS		a	
G. Filter pack, top //OU oV [_ft. MS	iL or IL	b. Volume addee	
1098 07			ial: Manufacturer, product name & mesh size
H. Screen joint, top 1098.0] ft. MS	;L or II.	the second secon	ive Soil
1094 07		b. Volume adde	dft ³
I. Well bottom 1976.07 ft. MS	iLoru	9. Well casing:	Flush threaded PVC schedule 40 🕱 23
			Flush threaded PVC schedule 80 🛛 24
J. Filter pack, bottomft. MS	3L or ft.		Other 🗆 🚛
K. Borehole, bottom 1083.84 ft. MS		10. Screen material:	SON HOPVC
K. Borehole, bottom 100 3 0 9 ft. MS	L or II.	a. Screen type:	Factory cut 🖾 11
011		2	Continuous slot 🗖 01
L. Borehole, diameter _2.4 in.		\	Other 🗆 🏢
12		b. Manufacturer	Monoflex
M. O.D. well casing 1.2 in.		c. Slot size:	0. <u>010</u> in.
1.0		d. Slotted length	b -1
N. I.D. well casing $- l_{-}Q_{-}$ in.		11, Backfill material	(below filter pack): None 🔀 14
·			Other 🗆 🔬
I hereby certify that the information on this	form is true and correct to the b	est of my knowledge.	
Signature Ast A.	firm I	1. 14	
Mal 1/ H	X)er W	Gintly	
V V			

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

00-113B	Re
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Route to: Watershee	d/Wastewater	Waste Management	
Remediat	ion/Redevelopment	Other 🔄	
Facility/Project Name	County Name	Shava	Well Name PFLO4 (Site ID)
Facility License, Permit or Monitoring Number		Wis. Unique Well N	Umber DNR Well ID Number
1. Can this well be purged dry?	🗆 Yes 👯 No	11. Depth to Water	Before Development After Development
2. Well development method surged with bailer and bailed surged with bailer and pumped	□ 41 □ 61	(from top of well casing)	$a_{-5.88ft} = 5.99ft$
surged with block and bailed surged with block and pumped surged with block, bailed and pumped compressed air	□ 42 □ 62 □ 70 □ 20		$b \frac{0}{m} \frac{7}{d} \frac{1}{d} \frac{0}{y} \frac{2}{y} \frac{1}{y} \frac{8}{y} \frac{0}{m} \frac{7}{m} \frac{10}{d} \frac{2}{y} \frac{0}{y} \frac{1}{y} \frac$
bailed only pumped only pumped slowly Other	□ 10 □ 51 □ 50 DSK	 Sediment in well bottom Water clarity 	Clear \Box_{-10} Clear \Box_{-20}
*	<u>40</u> min. _19.9 ft.	2	Turbid \$ 15 Turbid \$ 25 (Describe) (Describe) <u>Red brown</u> <u>Red brown</u> <u>Opaque Moderate turbiditu</u>
5. Inside diameter of well	_ L . Q _ in.		
7. Volume of water removed from well	Q任 gal. }QQ_gal. QQ_gal.		ds were used and well is at solid waste facility:
9. Source of water added	NA	15. COD	mg/lmg/l
10. Analysis performed on water added? (If yes, attach results)	□ Yes □ No	The second construction of the construction of	er Last Name: Chase

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Name:	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: UGNHS	_ Signature: Maral J. Parter
Street:	Print Name: Mile Parsen
City/State/Zip:	- Firm: WGNHS

	Vatershed/Wastewater		Management 🛄	MONITORING WELL Form 4400-113A	L CONSTRUCTION Rev. 7-98
Facility/Project None	Remediation/Redevelop	ment Other		ANY 46 3.7	
Facility/Project Name Central San Al Lakel Study	Local Grid Location of		ft. 🛛 🛱 .	Well Name PFL (25_(Site 10)
		(estimated: □)	or Well Location	wis. Unique wen ivo.	DNR Well ID No.
LIGNHS	Lat. 44:20747	Long 89	46895 or	_VQ811	
Facility ID	St. Plane			Date Well Installed	10.00.00
WID = 70002287	Section Location of Wa		ILE. 3/C/N		1912018
Type of Well	Contraction of the second s	0.0000000000000000000000000000000000000	ΩE	Well Installed By: Nar	me (first last) and Firm
Well Code / / MW		of Sec,, T			
	Location of Well Relati	ive to Waste/Source	Gov. Lot Number	7 - Mage p	iapugi
Distance from Waste/ Enf. Stds. Sourceft. Apply □	u 🗆 Upgradient d 🗆 Downgradient	s 🗆 Sidegrad n 🗖 Not Know	and the second se	_ Qasite	Environmentel
A. Protective pipe, top elevation 1115	5.92 fr. MSL -		I. Cap and lock?		Yes 🗆 No
105	. 72 1. MSL -		2. Protective cover	pipe:	
B. Well casing, top elevation 112	ge t.MSL	1HIV	a. Inside diamete	r:	4 in.
0 Lot a for dancing 1113	51_ ft. MSL		b. Length:		
C. Land surface elevation 1115.	e_J_I_ILIVISL	The second	c. Material:		Steel X 04
D. Surface seal, bottom. ft. MS	Lor ft.		C. Material:		(15:35:07
	1 1 2 3 3 7	1 200			Other
12. USCS classification of soil near screer		N N	d. Additional pro		🗋 Yes 💢 No
GP GM GC GW S	W ZY SP D		If yes, describ	e:	
	л п сн п Г		N		Bentonite D 30
Bedrock			3. Surface scal:		Concrete 0 01
13. Sieve analysis performed?	res XNo		1 Native	Sail	Other
14. Drilling method used: Rot	ary 🗆 50			well casing and protectiv	
	•		4. Material between	well casing and protectr	- 2.5 Fight - 2.5 Sec. 1
Hollow Stem Au			< 1		Bentonite 🗆 30
<u>Creatrobe</u> or	ther 🖾 📖		Jand		Other 🛛
			5. Annular space se	al: a. Granular/Chippe	ed Bentonite 🛛 3 3
	Air 0 1			nud weight Bentonite	
Drilling Mud 🗆 0 3 N	Ione 2 99	883 889		nud weight Bente	
			d% Benton	ite Bentonite-c	
16. Drilling additives used?	ies X No				
				³ volume added for any c	
Describe			f. How installed:		Tremie 🗖 01
17. Source of water (attach analysis, if requ	inad):			Trem	nie pumped 🛛 _0 2
. A A	ited).				Gravity 🗶 08
NA			6. Bentonite seal:	a. Benton	ite granules 🔲 33
			b. 🗆 1/4 in. 📈	3/8 in. 🗆 1/2 in. Ben	tonite chips X 3 2
E. Bentonite seal, topft. MSI	Lor ft.			e	Other 🗆 🚿
			/		
F. Fine sand, top	for the		7. Fine sand materia	al: Manufacturer, produc	ct name & mesh size
			/	-	30302
G. Filter pack, top 1100.52 ft, MSI			a		
G. Filter pack, top <u><u>100</u> <u>f</u>, MSI</u>	or II.		b, Volume added	۱ fi	3
1000 52			, 8. Filter pack mater	ial: Manufacturer, produ	ct name & mesh size
H. Screen joint, top 1098 52ft. MSI	_ or ft. ~~		· Realtlin	+#40/ Mative	
		and the second	b. Volume added	the second s	3
I. Well bottom 1988.52 ft. MSI	Lor fts		9. Well casing:	Flush threaded PVC sci	hedule 40 1 2 3
		「「「「」」 「」	J. Well cashig,		
7 WH 1 1 1 1	(A	ノ間ナ		Flush threaded PVC sc	hedule 80 🔲 2.4
J. Filter pack, bottomft. MSI	L or ft. ~		、 ——	6	Other 🛛 🚛
inda SI	1.8		10. Screen material:	PVC.	
K. Borehole, bottom 1088.51 ft. MSI	_ or ft. <		a. Screen type:]	Factory cut 🖄 11
			~ 1		inuous slot 🔲 01
L. Borehole, diameter -2.44 in.		NELLES			C 1 1 10000
		\	1 17 6	Monoflex	Other 🗖 🏢
M. O.D. well casing 10^{-2} in.			b. Manufacturer	IV IOAO TIEX	
M. O.D. well casing $_L_{-}^{-}$ in.			c. Slot size:		$0. Q_1 \Omega$ in.
			d. Slotted length	:	_LQ_ft.
N. I.D. well casing $\int \frac{1}{\sqrt{2}} \frac{1}{\sqrt{2}$			11. Backfill material	(below filter pack):	None 14
					Other 🗆 📖
I hereby certify that the information on this	form is true and correct	to the best of my l	nowledge		122222
Signature	Firm	the bost of my i			-
Allal. I GIU.	P	WGNHS			
u	ren				
0.0					

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MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

)-113B	Rev.	7-!

Route to: Watershed/Waste	water	Waste Management		
Remediation/Red	levelopment 🦳	Other 🔲	<u> </u>	4
Facility/Project Name	County Name Waw	shara	Well Name	PFLOS (Site 10)
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Nu	umber 1811	DNR Well ID Number
1. Can this well be purged dry?	es 🕱 No	11. Depth to Water		relopment After Development
2. Well development method surged with bailer and bailed	41	(from top of well casing)	a 1 6	<u>XQ</u> ft. <u></u> ft.
	61 42	Date	10411	2018 071112018
surged with block and pumped	62 70			<u>/2018</u> <u>07/1)/2018</u> yyyy mmddyyyy
compressed air	20 10	Time		∑a.m. □ p.m. 08:∑0 □ p.m.
pumped only	5 1 5 0	12. Sediment in well bottom	_Z.	Q inches Q , $\overline{2}$ inches
other <u>CJA telon</u>		13. Water clarity	Clear 🔲 1 Turbid 🛣 1	
	<u>4</u> Qmin.		(Describe)	(Describe)
	<u>1.2.</u> ft.		_Opac	ve_ slight/moderate turbidit
5. Inside diameter of well -1 .	Çin.		3	
6. Volume of water in filter pack and well casing). <u>3</u> gal.			
7. Volume of water removed from well) <u>Q</u> gal.			nd well is at solid waste facility:
8. Volume of water added (if any)	<u>)</u> <u>()</u> gal.	14. Total suspended solids		mg/l mg/l
9. Source of water added		15. COD		· _ mg/l mg/l
	0 - 38	16. Well developed b	y: Name (first, l	last) and Firm
10. Analysis performed on water added?	Yes 🗆 No		er	Last Name: Chor5e

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Name: Last Name: ALSCA	I hereby certify that the above information is true and correct to the best of my knowledge.		
Facility/Firm:	_ Signature: Millial D Pater		
Street;	Print Name: Milce Pailen		
City/State/Zip:	Firm: WGNHS		

State of Wisconsin Department of Netural Resources <u>Route to:</u>	Watershed/Wastewater	Waste Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
	Remediation/Redevelopment	Other 🛄	
Facility/Project Name Central Samas Lakel Auch	Local Grid Location of Well	Nr. 🛛 E. Sr. 🗋 W.	PFL 07 (Site 10)
Facility License, Permit or Monitoring No.	Local Grid Origin 🔲 (estimat	ed: 🗆) or Well Location 🙀	Wis. Unique Well No. DNR Well ID No.
WENTIS	Lat. 44.20548 L	ong89, 46732 _ or	_VQ812
Facility ID			Date Well Installed
WID= 70002288	St. Plane ft. N,	R. E. S/C/N	07/11/2018
Type of Well	Section Location of Waste/Sour	ce DE	Well Installed By: Name (first, last) and Firm
Well Code 11 / MW	1/4 of 1/4 of Sec,	,T N, R 🛛 🖽	
	Location of Well Relative to Wi	aste/Source Gov. Lot Number	Gage Kapugi
Distance from Waste/ Enf. Stds. Sourceft. Apply □	u 🗌 Upgradient s 🔲 d 🗍 Downgradient n 🗌	Sidegradient Not Known	Ogsite Environmental
A. Protective pipe, top elevation $-(-1_0)$	6. 26 ft. MSL	1. Cap and lock?	Yes 🗆 No
106	5.13 MSL	2. Protective cover	pipe:
B. Well casing, top elevation	MISL -	a. Inside diamete	r:
C. Land surface elevation 1103	5 ft. MSL	b. Length:	5 ft.
		c. Material:	Steel D 04
D. Surface seal, bottom J ft. MS	SLor ft.	X	Other
12. USCS classification of soil near screen	1:	d. Additional pro	
GP GM GC GW GS			
Bedrock		3. Surface scal:	Bentonite 🛛 30
13. Sieve analysis performed?	Yes 🖳 No	8559	$<$ Concrete \Box 01
	668	Native	
-	tary □ 50	4. Material between	well casing and protective pipe:
Hollow Stem Au			Bentonite 30
cheoprope 0	ther 🕰 🎆 🛛 👹	2 Jand	Other 🗷
		5. Annular space se	al: a. Granular/Chipped Bentonite 2, 3 3
15. Drilling fluid used: Water 🗋 0 2	Air 🗆 01 🛛 🔛		nud weight Bentonite-sand slurry 2 35
Drilling Mud 🗇 0 3 👔	Vone 🕱 99		nud weight Bentonite slurry [] 31
		CLOS/gal (
16. Drilling additives used?	Yes 🕱 No 🛛 🔛		³ volume added for any of the above
	100	800	 Comparison of the second s
Describe //V//		f. How installed	C 100000 000000000000000000000000000000
17. Source of water (attach analysis, if requ	tired):		Tremie pumped D 02
NA		888	Gravity 8 08
N/P	2	6. Bentonite seal:	a. Bentonite granules 3 3
	. 188	b. □1/4 in. ,⊠	3/8 in. 1/2 in. Bentonite chips 🗷 3 2
E. Bentonite seal, topft. MS	Lortt.	🖾 / c	Other 🛛 🎡
F. Fine sand, top		7. Fine sand materia	al: Manufacturer, product name & mesh size
F. Fine sand, top ft. MS			
G. Filter pack, top $\frac{102.03}{102.03}$ ft. MS			<u> </u>
		b. Volume added	
H. Screen joint, top /100.03 ft. MS		8. Filter pack mater	ial: Manufacturer, product name & mesh size
H. Screen joint, top $11\sqrt{2}$. $11\sqrt{2}$	L or 11.	a Reditlint	#40/Native
1000 02		b. Volume addee	
I. Well bottom 1090.03 ft. MS	Lorft.	9. Well casing:	Flush threaded PVC schedule 40 🙇 23
			Flush threaded PVC schedule 80 🔲 24
J. Filter pack, bottomft. MS	Lorft.		Other 🗆 🔛
K. Borehole, bottom 1088.51 ft. MS	f an ft	10. Screen material:	PVC
		a. Screen type:	Factory cut 🔀 11 Continuous slot 🗖 01
L. Borehole, diameter $-2 \mathcal{H}_{in}$			
		b. Manufacturer	Monoflex Other D
M. O.D. well casing 12^{2} in.		c. Slot size:	0. <u>Q</u>]Q in.
		d. Slotted length	
N. I.D. well casing $1 e^{Q}$ in.		11. Backfill material	
		II, Dacktill matchal	
I hereby certify that the information on this	form is true and correct to the he	st of my knowledge	Other
Signature	A	st of hty knowledge.	
1.101 . (1/	Firm (1)	GNHS	

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MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

400-113B	Rev. 7-9

Route to: Watershed/Wastewater Remediation/Redevelopment	Waste Management
Facility/Project Name	wshara IFLOT (Site ID)
Facility License, Permit or Monitoring Number County Code	Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry?	11. Depth to Water
 2. Well development method surged with bailer and bailed [4 1] surged with bailer and pumped [6 1] surged with block and bailed [4 2] surged with block and pumped [6 2] surged with block, bailed and pumped [7 0] compressed air [2 0] bailed only [1 0] pumped only [5 1] pumped slowly [5 0] Other [4 1] 3. Time spent developing well [3 0] min. 4. Depth of well (from top of well casisng) [1 0] ft. 5. Inside diameter of well [4 2] 	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
 6. Volume of water in filter pack and well casingQ . 3 gal. 7. Volume of water removed from wellQ . Q gal. 8. Volume of water added (if any)Q . Q gal. 9. Source of water addedNA 10. Analysis performed on water added? □ Yes □ No 	Fill in if drilling fluids were used and well is at solid waste facility: 14. Total suspended mg/l mg/l 15. COD mg/l mg/l 16. Well developed by: Name (first, last) and Firm First Name: Perer Last Name: Chase.

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Last Parsen Name: Mike Name: Parsen	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: WENHS	_ Signature: Mithian J Parles
Street:	_ Print Name: Mike Parsen
City/State/Zip:	Firm: UBNHS

	Vatershed/Wastewater Remediation/Redevelopment	Waste Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
	Local Grid Location of Well		Well Name PFL09 (Site ID)
		sft. W.	Wis, Unique Well No. DNR Well ID No.
	Lat. 44.20490	Long 84.47159 - or	1 1 2 2 1 2
Facility ID TOOD7289	St. Plane ft. N	ft, ft, E. S/C/N	Date Well Installed
Type of Well	Section Location of Waste/Sou	nce 🗆 E	Well Installed By: Name (first, last) and Firm
Well Code 11 MW	1/4 of 1/4 of Sec.		- Tom Kabugi
Distance from Waste/ Enf. Stds.	Location of Well Relative to W u Upgradient s U	Vaste/Source Gov. Lot Number Sidegradient	
Sourceft. Apply	d 🗆 Downgradient n 🗆	Not Known	Oasite Environmental
		1. Cap and lock?	🛛 🕅 Yes 🗆 No
B. Well casing, top elevation 1136	MSL	2. Protective cover	
C. Land surface elevation	_0_1_ft. MSL	b. Length:	
	Service and	c. Material:	Steel \mathbf{X} 04
D. Surface seal, bottom ft. MS	Lor ft.	·X	Other
12. USCS classification of soil near screen		d. Additional pro	nection?
		If yes, describ	e:
SM SC ML MH C Bedrock	госно н	3. Surface scal:	Bentonite 🗆 30
_		3. Surface scal:	Concrete 0 1
	es 🗖 No	Native	
-	ary 🗆 50	4. Material between	well casing and protective pipe:
Hollow Stem Au			Bentonite 🗖 30
<u>Geoprahe</u> Ou	her 🕰 📖	Sand	Other 🔀
15. Drilling fluid used: Water 🗆 0 2	Air 🗆 01	5. Annular space se	
Drilling Mud D 03 N	one A 99		nud weight Bentonite-sand slurry 2 35
			nud weight Bentonite slurry 31
16. Drilling additives used?	es 🖄 No		ite Bentonite-cement grout 🖾 50
2	· · · · · · · · · · · · · · · · · · ·	KOO	volume added for any of the above
Describe	🔛	f. How installed	• (CAMPACO 6/10 -
17. Source of water (attach analysis, if requi	red):	- 888	
NA		6. Bentonite seal:	a. Bentonite granules 🔲 33
		ECO.	$3/8$ in. $\Box 1/2$ in. Bentonite chips $\boxtimes 32$
E. Bentonite seal, topft. MSL	orft.	Ø / c	Other 🗆
F. Fine sand, top	_ or ft.	7. Fine_sand_materia	al: Manufacturer, product name & mesh size
		a	
G. Filter pack, top 1102.50 ft. MSL	or ft.	b, Volume added	
H. Screen joint, top 1100 - 50 ft. MSL			iale Manufacturer, product name & mesh size
H. Screen joint, top 100-400 It. MSL	or 11.	a Native	Redflint #40
I. Well bottom 1090 50 ft. MSL		b. Volume addee	
		9. Well casing:	Flush threaded PVC schedule 40 💆 23 Flush threaded PVC schedule 80 🗆 24
J. Filter pack, bottomft. MSL	. orft.		
		10. Screen material:	PVC Other
K. Borehole, bottom LOB9 07 ft. MSL	, or ft.	a. Screen type:	Factory cut . 11
L. Borehole, diameter _2_4 J in,		×	Continuous slot 🛛 01
10		b. Manufacturer	Monoflex
M. O.D. well casing 1^{2} in.		c. Slot size:	0. <u>Q</u>]Qin.
N. I.D. well casing $-\int Q in$.		d. Slotted length	
N. I.D. well casing $-\int a Q$ in.	2	11. Backfill material	(below filter pack): None 🔍 14 Other □
I hereby certify that the information on this f	form is true and correct to the b	est of my knowledge.	
Signature ALLI I TA	A Firm		
Mithael V. for	der h	IGNHS	

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

400-113 B	Rev.

Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopment	Other
Facility/Project Name County Name	wshara Well Name PFL09. (Site ID)
Facility License, Permit or Monitoring Number County Code	Wis. Unique Well Number DNR Well ID Number
10. Analysis performed on water added? (If yes, attach results)	16. Well developed by: Name (first, last) and Firm First Name: Peter Last Name: Chase Firm: WGNH5
17. Additional comments on development: Lost 31 watera value to be	stlan of well

Name and Address of Facility Contact /Owner/Responsible Party First Name: <u>Name</u> Last Name: <u>Parten</u>	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: WGNHS	Signature: Mal J. Pater
Street:	Print Name: Mille Parsen
City/State/Zip:	Firm: WGNHS

	Vatershed/Wastewater	10 22431 P		MONITORING WELI Form 4400-113A	CONSTRUC Roy, 7-98	CTION
Facility/Project Name	Local Grid Location of W		111-2-1114	Well Name	£	1
Central Sandi Lyke Study Facility License, Permit or Monitoring No.	Remediation/Redevelopme Local Grid Location of W	ft. ☐ S stimated: □) or	ft. U.E.	PFL Wis. Unique Well No.	DNR Well ID	NO/
	Lat. 44.20541			_VQS14		nu.
Facility ID	St. Plane	•		Data Wall Installed	00.00	
WID = 70002290	Section Location of Waste		IL D. 0/0/14	$\frac{QI}{mm}$	09120	18
Type of Well	CONTRACTOR STOCKED STOCKED		N, R.	Well Installed By: Nan	ne (first, last) an	id Firm
Well Code 1 MW	Location of Well Relative		Gov. Lot Number	Chage Kap	ivgi	_
Distance from Waste/ Enf. Stds. Sourceft. Apply	u 🗆 Upgradient and 🗆 Downgradient and	s 🔲 Sidegradient		Qusite e	nimm	-ental
	D. S ft. MSL		. Cap and lock?		Yes D	No
B. Well casing, top elevation 11.50	<u>•</u> 52.ft. MSL /		Protective cover p a. Inside diameter	-	4	/ in
C. Land surface elevation 1148	29_ft. MSL		b. Length:		15	_ft.
	works. or		c. Material:		Steel	04
	Lor ft.				Other 🗆	
12. USCS classification of soil near screen		N N	d. Additional pro		🗆 Yes 🕅	No
			If yes, describe			
Bedrock		3.	Surface scal:		Bentonite	30
13. Sieve analysis performed?	(es XNo		Native		Concrete	
	ary 🗆 50	A 10		well casing and protectiv	Other 🗷	
Hollow Stem Au					Bentonite	30
	ther 🕱 📖		_Sand		Other E	C
		5.	Annular space sea	a. Granular/Chippe	d Bentonite	33
				ud weight Bentonite	-sand slurry 🗆	35
	Ione 🕅 99	с 🕅 с	Lbs/gal m	ud weight Bente	mite slurry	31
16. Drilling additives used?	res SKN o	d 🕺 👹 d		te Bentonite-co		50
		e 🕺 e		volume added for any o		<u>.</u>
Describe		f.	How installed:		Tremie 🔲	01
17. Source of water (attach analysis, if requ	ired):			11em	Gravity	02
NA		6.	Bentonite seal:	a. Bentoni	ite granules	
				3/8 in. □1/2 in. Ben		
E. Bentonite seal, topft, MSI	- or ft.		C		Other 🛛	¥.¥
F. Fine sand, top ft. MSI	_ or ft.	7.	Fine sand materia	l: Manufacturer, produc	t name & mesh	h size
G. Filter pack, top 101.2 ft. MSI		図図/	a		2	
G. Filter pack, top 100 2 ft. MSI	or		b. Volume added			
H. Screen joint, top 1099 22 ft. MSI		周周 /8.		al: Manufacturer, produc	et name & mes	h size
			a. Kedflint	10/200/1-1	3	44
I. Well bottom 089. 2 ft. MSI	or ft.		b. Volume added Well casing:	Flush threaded PVC scl	hedule 40 K	23
	\sim		•	Flush threaded PVC scl		24
J. Filter pack, bottomft. MSI	_ or ft.		2		Other 🗆	
K. Borehole, bottom 1088.29 ft MSI	orft.		Screen material: a. Screen type:	PVC.	Factory cut	11
L. Borehole, diameter 2.04 in.			~	Conti	nuous slot 🔲	01
		\ .	Manufacture	Monoflex	Other 🗆	202
M. O.D. well casing $-L_2$ in.			 Manufacturer ; Slot size: 	X-91 COVOLUEX	0.01	
			d. Slotted length:			2_ft.
N. I.D. well casing 120 m.		11.	Backfill material ((below filter pack):	None K	14
I hereby certify that the information on this	form is true and	the bast of my base	ladaa		Other	
Signature	Firm	the best of my know	icuge.			
Millaul Di fo	when l	NGNHS			8	

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

400-113B	Rev. 7-9

Route to: Watershed	on/Redevelopment	Waste Management
Facility/Project Name	County Name	Well Name
		wshara PFL11 (Site 10)
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry?	🗆 Yes 🛣 No	Before Development After Development 11. Depth to Water Interval
2. Well development method		(from top of $a_1 = 51.9.4$ ft. $51.9.2$ ft.
surged with bailer and bailed	亡 41	well casing)
surged with bailer and pumped	D 61	the second se
surged with block and bailed	L 42	Date b. $\frac{0.07}{m}$ d d y y y y m m d d y y y y
surged with block and pumped	62	mm d d y y y y mm d d y y y
surged with block, bailed and pumped	□ 70	Па.т т. с. Па.т.
compressed air	□ 20	Time $c. \lfloor (a: 2.0 \ p.m. 17: \downarrow 0 \ p.m.$
bailed only	ii 10	
pumped only	□ 51	12. Sediment in well \underline{Q} , \underline{Z} inches \underline{Q} , \underline{Q} inches
Other United States	□ 50 Ø	bottom 13. Water clarity Clear 10 Clear 20 Turbid 15 Turbid 25
3. Time spent developing well	<u>50</u> min.	(Describe) (Describe) Reabrann Reabrann
	<u>61.4</u> ft.	opaque moderate turbidity
5. Inside diameter of well	in.	
6. Volume of water in filter pack and well casing	<u>0.3</u> gal.	
7. Volume of water removed from well	<u></u> gal.	Fill in if drilling fluids were used and well is at solid waste facility:
8. Volume of water added (if any)	<u>Q</u>	14. Total suspended mg/l mg/l mg/l
9. Source of water added	NA	15. CODmg/lmg/l
		16. Well developed by: Name (first, last) and Firm
10. Analysis performed on water added? (If yes, attach results)	🗆 Yes 🗆 No	First Name: Peter Last Name: Chase
		Firm: WCNHS

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Name: Mike Last Name: PaySen	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: WGNHS	_ Signature: Minhal G. Pases
Street:	_ Print Name: Mite Parsen
City/State/Zip:	Firm: WGNHS

Department of Netural Resources Remediation/Redevelopment Other Other Form 4400-113A Rev. 7-98	
	_
Remediation/Redevelopment Other Facility/Project Name Local Grid Location of Well N. M. Well Name PFL 13 (Site Gentral Sand Lakes flod	(0
Facility License, Permit or Monitoring No. Local Grid Origin 🗆 (estimated:) or Well Location 🖄 Wis. Unique Well No. DNR Well ID	
116, HG 1, HH 20212	
Facility ID St. Diego St. Diego Date Well Installed	-
$\frac{W1D = 90007291}{\text{Section Location of Waste/Source}} \xrightarrow{\text{IL E. S/C/N}} \frac{OT1197201}{m m d d y y y}$	8
Type of Well E Well Installed By: Name (first, last) and	Firm
Well Code (/ MW14 of sec, 1,N, K,W T	-
Distance from Waste/ Enf. Stds. u Upgradient s I Sidegradient	
Sourceft. Apply d Downgradient n D Not Known Onsite Environme	ntil
A. Protective pipe, top elevation 1107.25 ft. MSL 1. Cap and lock?	No
B. Well casing, top elevation 10.7.09 ft. MSL	
thou 74	in.
	. II.
D. Surface seal, bottom, ft. MSL or ft.	04
	<u>.</u>
	NO
Bedrock	30
13. Sieve analysis performed? Yes No Native Soil Concrete Other M	01
KO HSG VIAIVVP JUIL Other K	<u> </u>
	• •
	90
	33
Drilling Mud [] 0.2 Nove SZ 0.0	35
cLbs/gal mud weight Bentonite slurry	31
16. Drilling additives used?	50
eFt ⁻³ volume added for any of the above	0.1
	01
17. Source of water (attach analysis, if required):	02
6. Bentonite seal: / a. Bentonite granules	08
b. □1/4 in. □3/8 in. □1/2 in. Bentonite chips X	
E. Bentonite seal, topft. MSL orft.	34 8898
	· ·
F. Fine sand, topft. MSL orft. MSL orft.	512¢
G. Filter pack, top $1/90 = 32$ ft. MSL or ft.	
H. Screen joint, top 1998 39 ft. MSL or ft.	size
a. 1001 0 301	
I. Well boltom 1088.39 ft MSL or ft 9. Well casing: Flush threaded PVC schedule 40 M	
11 Prese (1)	23
J. Filter pack, bottom ft. MSL or ft.	24
10 Server materials PVC	
K. Borehole, bottom 10.8 creen type: Factory cut, X	11
L Borehole, diameter 244 in.	01
b. Manufacturer Manaflex	20
M. O.D. well casing <u>1-2</u> in. C. Slot size: d. Slotted length:	in. ft.
II. Backfill matchal (below litter pack): None , CA	14
I hereby certify that the information on this form is true and correct to the best of my knowledge.	22.22
Signature	
Michael (). Paser WGNHS	

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopment	Other
Facility/Project Name County Name	ushara PFL (3_(Sik 10)
Facility License, Permit or Monitoring Number County Code	Wis. Unique Well Number DNR Well ID Number
 1. Can this well be purged dry? 2. Well development method surged with bailer and bailed 4 1 surged with bailer and pumped 6 1 surged with block and bailed 4 2 	11. Depth to Water (from top of well casing) Date $\frac{Before Development After Development}{a 2.19ft 8.46ft.}$ $\frac{Before Development After Development}{a 8.46ft.}$ $\frac{Before Development After Development}{a 8.46ft.}$
surged with block and pumped 62 surged with block, bailed and pumped 70 compressed air 20 bailed only 10 pumped only 51 pumped slowly 50 Other 0	$\begin{array}{c} \begin{array}{c} \hline m & m & \overline{d} & \overline{d} & \overline{y} & \overline{y} & \overline{y} & \overline{y} & \overline{m} & \overline{m} & \overline{d} & \overline{d} & \overline{y} & \overline{y} & \overline{y} \\ \hline m & m & \overline{d} & \overline{d} & \overline{y} & \overline{y} & \overline{y} & \overline{y} & \overline{m} & \overline{m} & \overline{d} & \overline{d} & \overline{y} & \overline{y} & \overline{y} \\ \hline \end{array}$ $\begin{array}{c} \mbox{Time} & c. & \underline{Q} & \underline{Q} & \vdots & \underline{Q} & \underline{Q} & \underline{Q} & \underline{Q} & \underline{Q} & \underline{D} & \underline{p}.m. \\ \hline \end{array}$ $\begin{array}{c} \mbox{Time} & 12. \text{ Sediment in well} & \underline{Q} & \underline{Q} & \underline{Q} & \underline{Q} & \underline{Q} & \underline{Q} & \underline{D} & \underline{p}.m. \\ \hline \end{array}$ $\begin{array}{c} \mbox{12. Sediment in well} & \underline{Q} & \underline{Q} & \underline{Q} & \underline{Q} & \underline{Q} & \underline{Q} & \underline{D} & \underline{p}.m. \\ \hline \end{array}$ $\begin{array}{c} \mbox{12. Sediment in well} & \underline{Q} & Q$
3. Time spent developing well $\underline{-40}_{min}$. 4. Depth of well (from top of well casisng) $\underline{-18}$. $\overline{2}$ ft. 5. Inside diameter of well $\underline{-1.0}_{min}$.	Brown Light brown Opaque Slight turbidity
 6. Volume of water in filter pack and well casingQ.3 gal. 7. Volume of water removed from wellQQ gal. 	Fill in if drilling fluids were used and well is at solid waste facility:
8. Volume of water added (if any) $_ _ 0, 0$ gal. 9. Source of water added $_ NA$	solids 15. COD mg/l mg/l 16. Well developed by: Name (first, last) and Firm
10. Analysis performed on water added?	First Name: Peter Last Name: Chare Firm: INCONTES

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Name: Mile Last Name: Parter	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: WGNHS	_ Signature: Mithad J. Portes
Street:	_ Print Name: Mile Parsen
City/State/Zip:	Firm: WGNHS

	Vatershed/Wastewater [nagement.	MONITORING WELL CONSTRUCTIO Form 4400-113A Rev. 7-98	N
	Remediation/Redevelop				
Central Sands Cates Study	Local Grid Location of	n = N.	ft. 🛛 🗰.	Well Name PFL 14 (Site 1D))
Facility License, Permit or Monitoring No.	Local Grid Origin Lat. <u>44:206</u> 45			VASIL	
				Date Well Installed	1
11.00 - 20007 790	St. Planc	IL N,	R. E. S/C/N		
Type of Well	Section Location of W	aste/Source		m m d d y y y y	-
	1/4 of 1/4	of Sec. T.	N, R.	Well Installed By: Name (first, last) and Fir	m
Well Code // MW	Location of Well Relat	ive to Waste/Source	Gov. Lot Number	- Grage Kapugi	
Distance from Waste/ Enf. Stds. Sourceft. Apply □	u 🗆 Upgradient d 🗆 Downgradient	s Sidegradien n Not Known	L	asite Environmente	:)
A. Protective pipe, top elevation _1_1.5.	1. 86 ft. MSL		 Cap and lock? 	🔰 Yes 🗆 No	20
	1.88 9. MSL		2. Protective cover	pipe:	
B. Well casing, top elevation 115	1 × 0 0 LINISE	IHC	a. Inside diamete	r: _ <u>4</u> _in.	
C. Land surface elevation <u>148</u>	91_ ft. MSL		b. Length:	5 A.	
	EIT _ ICHISE		c. Material:	Steel K 04	
D. Surface seal, bottom. ft. MS	Lor ft.		C. Material;	<u> </u>	ě .
	1 A - 307		-	Other 🗆	000
12. USCS classification of soil near screen		N N	d. Additional pro	otection? 🗆 Yes 🖸 No	
	WILL SP 🗆 📔 🗋		If yes, describ	e:	
				Bentonite 🖾 30	1
Bedrock			Surface scal:		
13. Sieve analysis performed?	(es 🗆 No		NI 1	Concrete 01	
				Ve Joil Other	2000
	ary □ 5 0		 Material between 	well casing and protective pipe:	
Hollow Stem Au	ger 41			Bentonite 🗆 3 0)
	ther 🕅 🔤		Sand	Other 🗵	ž
					8
15. Drilling fluid used: Water □ 0 2	Air 🗆 01		Annular space se		
			bLbs/gal r	nud weight Bentonite-sand slurry 🖾 35	,
	ione 🕅 99	1888 B88	cLbs/gal r	nud weight Bentonite slurry 🛛 31	L
				ite Bentonite-cement grout 🛛 50)
16. Drilling additives used?	res 🙇 No			³ volume added for any of the above	
12		1883 ISSN		(c) Consideration of the constraint of the co	1
Describe			f. How installed		
17. Source of water (attach analysis, if requ	ired):			Tremie pumped \Box 02	1
11.				Gravity 🛣 08	;
N(A			6. Bentonite seal:	a. Bentonite granules 2 3	
			b. □1/4 in. X	3/8 in. 1/2 in. Bentonite chips 🕱 32	2
E. Bentonite seal, topft. MSI	Lor ft.			Other 🗆	8
			0		i
F. Fine sand, top ft. MSI	lar av		7. Fine sand materia	al: Manufacturer, product name & mesh size	,
	-u		* -		2
1100 00			a		ŝ.
G. Filter pack, top (102.08 ft. MS)	_ or fl.		b. Volume addee	1ft ³	
			8. Filter pack mater	ial: Manufacturer, product name & mesh size	e
H. Screen joint, top 1100.08 ft. MSI	Lor ft.		Redfligt	#40	
	- mrc		a. DOM MA	1 ft ³	Ş.
I. Well bottom 1090,08 ft. MSI	A A	目開了	 b. Volume addee 		
I. Well bottom $[0_{40}] 0_{50}$ ft. MSI	- or		9. Well casing:	Flush threaded PVC schedule 40 🔀 23	i .
				Flush threaded PVC schedule 80 🔲 24	ł
J. Filter pack, bottomft. MSI	_ or ft. _			Other 🛛 🔛	
			0. Screen material:	PYC	ŝ
K. Borehole, bottom 1088 91 ft. MSI	ft.				Ê
K. Botenoic, bollon Lobba Li le Moi			 Screen type: 	Factory cut X 11	
24				Continuous slot 🔲 01	L
L Borehole, diameter <u>2.4</u> in.) <u> </u>	Other 🗆 📰	100
		×	b. Manufacturer		8
M. O.D. well casing $-\frac{1}{2}$ in.		Λ	c. Slot size:	0.Q/Q in.	
and class were caused and a first and a first method and a first state of the state			d. Slotted length		
10		Ň	-		
N. I.D. well casing $_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _$		1	1. Backfill material	(below filter pack): None 🛛 14	
			-	Other 🗆 🧾	204
I hereby certify that the information on this	form is true and correct	to the best of my kno	wledge.		-
Signature ALLA CA	Firm				÷.
Wahas (1. K	Der	WGNHS		<u></u>	

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

0-113B	Rev.

Remediation/Redevelopment	Other
Facility/Project Name	aushara Well Name PFL 14 (Site 1D)
Facility License, Permit or Monitoring Number County Code	Wis. Unique Well Number DNR Well ID Number
 Can this well be purged dry? Yes X No Well development method surged with bailer and bailed 4 1 	11. Depth to Water (from top of well casing) $\frac{\text{Before Development After Development}}{53.45 \text{ ft.} 53.48 \text{ ft.}}$
surged with bailer and pumped surged with block and bailed surged with block and pumped surged with block and pumped surged with block, bailed and pumped compressed air bailed only pumped only pumped only otherAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Date $\begin{array}{cccccccccccccccccccccccccccccccccccc$
 5. Inside diameter of well	Fill in if drilling fluids were used and well is at solid waste facility: 14. Total suspended mg/l 15. COD mg/l 16. Well developed by: Name (first, last) and Firm First Name: Peter Last Name: Chase

17. Additional comments on development:

I hereby certify that the above information is true and correct to the best of my knowledge.		
_ Signature: Signature:		
_ Print Name: Mike Parsen		
Firm: WGNHS		

State of Wisconsin Department of Netwral Resources Route to: Watershed/Wastewater	Waste Management MONITORING WELL CONSTRUCTION
	TOTIL 4400-113A Key, 7-98
Facility/Project Name Local Grid Location of We	ELES B. B. Well Name (Site 10)
Facility License, Permit or Monitoring No. Local Grid Origin 🔲 (es	stimated: .) or Well Location & Wis, Unique Well No. DNR Well ID No.
WGNHS Lat. 44, 20902	Long84.47022 <u>VQ840</u>
5. Plane	
Type of Well	Wall Installed Bay Name (first last and Figure 1
Well Cada 11 (A4) 11/4 of1/4 of	$3CC_{1}$, 1_{1} , N_{1} , N_{2} , N_{3} ,
Location of well Relative	to Waste/Source Gov. Lot Number DMy Kapin
Distance from Waste/ Enf. Stds. u Upgradient s Source ft. Apply d Downgradient n	ONSITE EN VIVON mental
A. Protective pipe, top elevation _ 1 [] 8. 58 ft. MSL	1. Cap and lock?
B. Well casing, top elevation ft. MSL	2. Protective cover pipe:
0.1	a. Inside diameter:
C. Land surface elevation _ [] 18, 58 ft. MSL	b. Length: -5_{t} .
D. Surface seal, bottom ft. MSL or ft.	c. Material: Steel 💟 04
12. USCS classification of soil near screen:	Other 🗆 📃
	d. Additional protection?
GP GM GC GW SW SK SP G SM SC ML MH CL CH CH CH	If yes, describe:
Bedrock	3. Surface scal: Bentonite 🗆 30
	Concrete 01
	Native Soit Other \$
14. Drilling method used: Rotary 🗆 5 0	4. Material between well casing and protective pipe:
Hollow Stem Auger 41	Bentonite 🗆 30
<u>desproke</u> Other	Dana Other 🖾
	5. Annular space seal: a. Granular/Chipped Bentonite 😡 33
15. Drilling fluid used: Water $\Box 02$ Air $\Box 01$	bLbs/gal mud weight Bentonite-sand slurry 35
Drilling Mud 🗆 0 3 None 🖾 99	cLbs/gal mud weight Bentonite slurry 🗆 31
16. Drilling additives used? 🗆 Yes 🕅 No	d% Bentonite Bentonite-cement grout 🗆 50
	eFt ³ volume added for any of the above
Describe	f. How installed: Tremie 🗆 0 1
17. Source of water (attach analysis, if required):	Tremie pumped \Box 02
17. Source of water (altach analysis, if required):	Gravity 🕅 08
	6. Bentonite seal: a. Bentonite granules [] 33
	b. 1/4 in. 3/3/8 in. 1/2 in. Bentonite chips 3 2
E. Bentonite seal, topft, MSL orft.	C Other 🗆 📰
F. Fine sand, topft. MSL orft.	7. Fine sand material: Manufacturer, product name & mesh size
G. Filter pack, top <u>1103.75</u> ft. MSL or ft.	b. Volume addedft ³
UNIT	8. Filter pack material: Manufacturer, product name & mesh size
H. Screen joint, top _1101.75_ ft. MSL or ft.	a Red Elivet #40 Native
10/21/21	b. Volume added ft ³
I. Well bottomft_ MSL orft.	9. Well casing: Flush threaded PVC schedule 40 🕱 23
	Flush threaded PVC schedule 80 🗆 24
J. Filter pack, bottomft. MSL orft.	Other 🗆 🚛
K. Borehole, bottom _ 1090,58 ft. MSL or ft.	10. Screen material:
	a. Screen type: Factory cut 🗆 11
L. Borehole, diameterin.	$\begin{array}{c c} \hline \\ \hline $
M. O.D. well casing 1.2 in	b. Manufacturer Monoflex
M. O.D. well casing $- 1 - \mathcal{L}_{in}$	c. Slot size: 0.010 in.
N. I.D. well casing -100 in	d. Slotted length:
N. I.D. well casing U in.	11. Backfill material (below filter pack): None 🕱 14
I hereby certify that the information on this form is true and correct to the	Other 🗌 🎬
	ne oest of my knowledge.
Signature Michael T. Parter Firm 4	GNHS

MONITORING	WELL DEVELOPMENT
Form 4400-113B	Rev. 7-98

200

Form 4400-113B

Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopment	Other
Facility/Project Name County Name	Shava Well Name PFL15 (Site 10)
Facility License, Permit or Monitoring Number County Code	Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry? Image: Yes Image: No 2. Well development method	11. Depth to Water (from top of well casing) $\frac{\text{Before Development After Development}}{a. _17.80} \text{ ft. } _17.80 \text{ ft. }$
surged with bailer and bailed 4 1 surged with bailer and pumped 6 1 surged with block and bailed 4 2 surged with block and pumped 6 2 surged with block, bailed and pumped 7 0 compressed air 2 0 bailed only 1 0 pumped only 5 1 pumped slowly 5 0 Other Waler 3. Time spent developing well	$\begin{array}{c c} \text{Wen casing} \\ \hline \text{Date} & \begin{array}{c} \underbrace{\bigcup 1}_{m \ m} & \underbrace{1}_{d \ d} & \underbrace{1}_{y \ y \ y \ y} & \begin{array}{c} \underbrace{1}_{m \ m} & \underbrace{1}_{d \ d} & \underbrace{1}_{y \ y \ y \ y} & \begin{array}{c} \underbrace{1}_{z \ o} & \underbrace{1}_{z \ o$
4. Depth of well (from top of well casisng) 26.6 ft. 5. Inside diameter of well -1.95 in.	
6. Volume of water in filter pack and well -0.4 gal.	Fill in if drilling fluids were used and well is at solid waste facility:
7. Volume of water removed from well $\underline{40}$ gal. 8. Volume of water added (if any) $$ gal.	14. Total suspended mg/l mg/l mg/l
9. Source of water added NA	15. CODmg/lmg/l
10. Analysis performed on water added?	16. Well developed by: Name (first, last) and Firm First Name: Mike Last Name: Pavlen Firm: WGNHS

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Last Last Name: Parter	I hereby certify that the above information is true and correct to the best of my knowledge.		
Facility/Firm:	_ Signature: Mithal J. Pasen		
Street:	Print Name: Mike Parlen		
City/State/Zip:	Firm: UGNHS		

State of Wisconsin Department of Natural Resources	Route to: Watershed/Wastewater	Waste Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name Cevitral Sands Lakes	Shidu un ft.	N€. □ E.	PFL16 (Site 10)
Facility License, Permit or Mo	nitoring No. Local Grid Origin 🛛 (estim	ated: 🔲) or Well Location 🖾	Wis. Unique Well No. DNR Well ID No.
WGNHS	Lat. 44,20294	Long89, 47359	
Facility ID W(n) = 700023		ft. E. S/C/N	
Type of Well	Section Location of Waste/So	Restriction in the second seco	Well Installed By: Name (first, last) and Firm
Well Code		,TN, RO W	Duy Kapri
	nf. Stds. Location of Well Relative to V u Upgradient s	Waste/Source Gov. Lot Number Sidegradient	
	pply 🔲 d 🗌 Downgradient n 🗖		Onsite En Siton mental
A. Protective pipe, top elevation		1. Cap and lock?	🕅 Yes 🗆 No
B. Well casing, top elevation	_11 34.80_ ft. MSL	2. Protective cover a. Inside diameter	
C. Land surface elevation	_1132.12 ft. MSL	b. Length:	
	with the second s	c. Material:	Steel 👿 04
D. Surface seal, bottom			Other 🗆 🛄
12. USCS classification of so GP GM GC GC		d. Additional pro	
	GW GS SW GS SP G MH CL C CH C		Bentonite 54 30
Bedrock 🗆		3, Surface seal:	Concrete \Box 01
13. Sieve analysis performed?	'⊡Yes 🗖 No	M \	Other
14. Drilling method used:	Rotary 50	 4. Material between 	n well casing and protective pipe:
Gasalla	low Stem Auger 41	S.I	Bentonite 🗆 30
Leoport	Other 🛛	_ Jane	Other 🕅 🧱 a. Granular/Chipped Bentonite 🕅 3 3
15. Drilling fiuid used: Wate		5. Annular space se	mud weight Bentonite-sand slurry \square 3.5
Drilling Mu	d 🗆 0 3 None 🖾 99 🛛 🗱		mud weight \ldots Bentonite slurry \square 31
16. Drilling additives used?	🗆 Yes 🙇 No	d % Benton	nite Bentonite-cement grout 🛛 50
TO. Drining additions used?		KOG	³ volume added for any of the above
Describe		f. How installed	
17. Source of water (attach an	alysis, if required):		Tremie pumped 🛛 02 Gravity 🕅 08
NIA-		6. Bentonite seal:	a. Bentonite granules 🔲 33
		b. □1/4 in.)Х	$3/8$ in. $\Box 1/2$ in. Bentonite chips $\blacksquare 32$
-	ft, MSL orft.	c	Other 🗆 🎬
	ft. MSL orft.	a.	al: Manufacturer, product name & mesh size
G. Filter pack, top	2.8_ft. MSL or ft.	b. Volume adde	dft ³
1104	8_ ft. MSL or ft.	8. Filter pack mater	rial: Manufacturer, product name & mesh size
H. Screen joint, top $1 1 0^{\circ}$	10_ It. MSL or It.	- ledt	Livet #40 [Native
I. Well bottom 10^{9}	418 ft. MSL or ft.	b. Volume adde 9. Well casing:	Flush threaded PVC schedule 40 🕱 23
J. Filter pack, bottom	ft. MSL orft.	<u> </u>	Other 🗆 🚚
K. Borehole, bottom 1095	ft. MSL or ft.	a. Screen type:	Factory cut 🕅 11
L. Borehole, diameter	2,4 in.		Continuous slot 🗆 01
M. O.D. well casing	1.2 in. PVC well pus 1.0 in. deeper than bo	b. Manufacturer c. Slot size:	Monoflex 0.010 in.
N. I.D. well casing	LO in deeperthan bo	vehale d. Slotted lengt	
			Other
I hereby certify that the inform	ation on this form is true and correct to the	best of my knowledge.	
Signature Mid	al Tlater Firm 41	GNHS	
(22 Mil - 28 - 24	Ni	

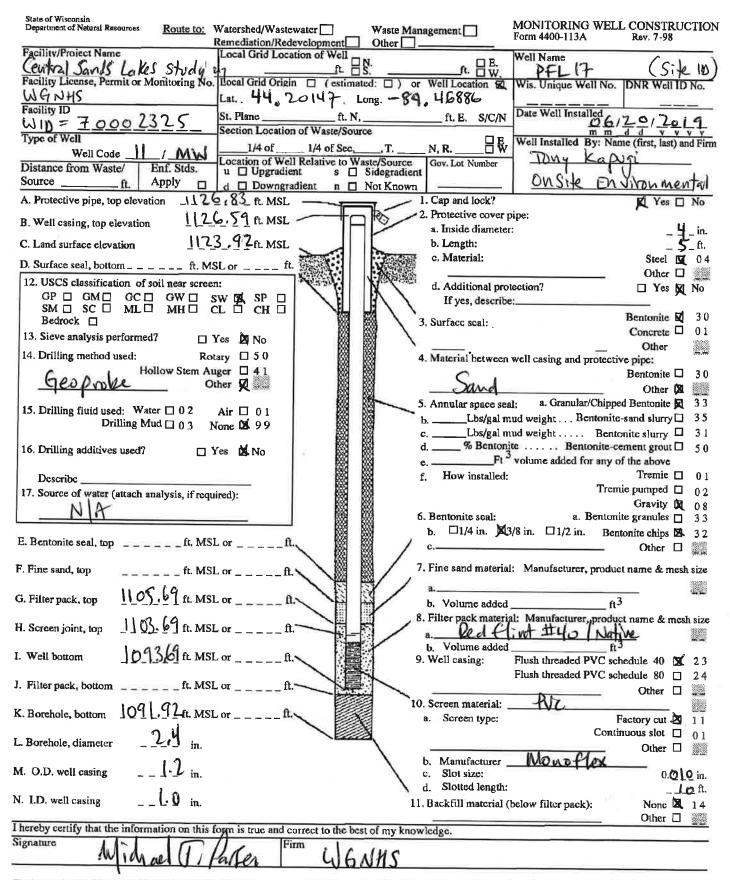
MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

		Waste Management			
Remediation/Redevelopment		Other			
Facility/Project Name		Shava PFL 16 (Site 10)			
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number DNR Well ID Number			
 4. Depth of well (from top of well casisng) 5. Inside diameter of well 	Yes K No 41 61 42 62 70 20 10 51 50 <	11. Depth to Water (from top of well casing) Date $b \underbrace{O(7)}_{m m} \underbrace{127}_{m m} \underbrace{72019}_{d d} \underbrace{O(7)}_{y y y} \underbrace{O(7)}_{m m} \underbrace{12}_{d d} \underbrace{229}_{y y y} \underbrace{O(7)}_{m m} \underbrace{12}_{d d} \underbrace{220}_{y y y} \underbrace{O(7)}_{m m} \underbrace{12}_{d d} \underbrace{220}_{y y y} \underbrace{O(7)}_{m m} \underbrace{12}_{d d} \underbrace{220}_{y y y} \underbrace{O(7)}_{m m} \underbrace{O(7)}_{m m} \underbrace{O(7)}_{d d} \underbrace{O(7)}_{y y y} \underbrace{O(7)}_{m m} \underbrace{O(7)}_{m m} \underbrace{O(7)}_{d d} \underbrace{O(7)}_{y y y} \underbrace{O(7)}_{m m} \underbrace{O(7)}_{m m$			
6. Volume of water in filter pack and well casing	_2_9_ gai.	Fill in if drilling fluids were used and well is at solid waste facility:			
	20 gal.	14. Total suspended mg/l mg/l			
9. Source of water added		15. COD mg/l mg/l			
10. Analysis performed on water added? (If yes, attach results)	□ Yes □ No	16. Well developed by: Name (first, last) and Firm First Name: M; Ke Last Name: Parsen Firm: WGWHS			
17. Additional comments on development:					

\$ Bot. ven after development = 40.0 below TOP PNC

Name and Address of Facility Contact /Owner/Responsible Party First Name: Mile Last Name: Parte	I hereby certify that the above information is true and correct to the best of my knowledge.					
Facility/Firm: WGNHS	Signature: M. Moel J. Pasen					
Street:	Print Name: Mike Parsen					
City/State/Zip:	Firm: LUGNHS					



MONITORING WELL DEVELOPMENT Rev. 7-98

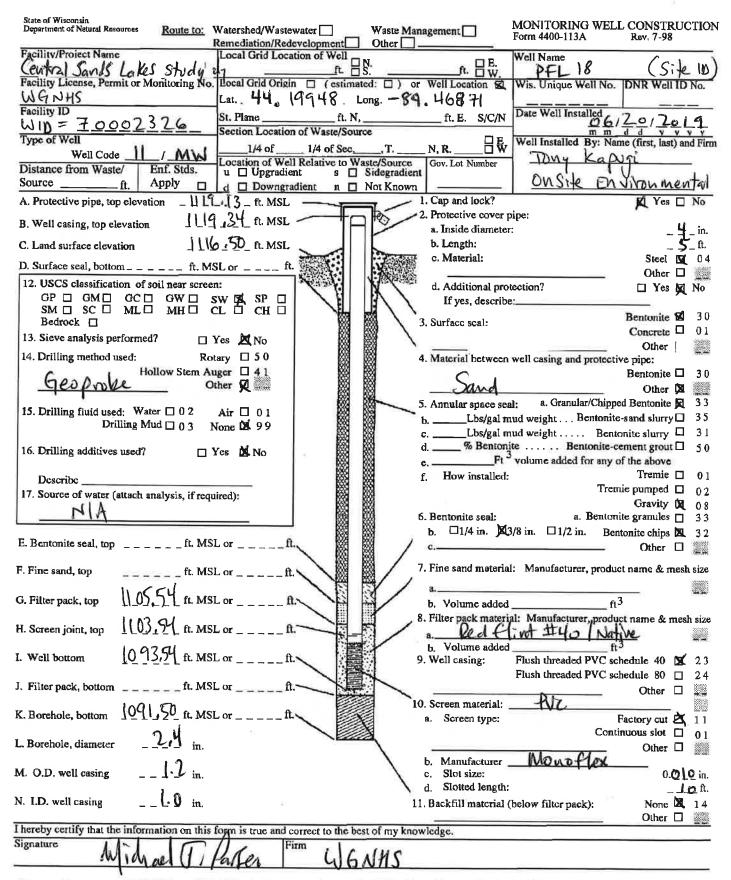
Form 4400-113B

Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopment	Other
	Shava Well Name PFL 17 (Site 10)
Facility License, Permit or Monitoring Number County Code	Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry? Yes Yes No 2. Well development method	11. Depth to Water (from top of well casing) Date $b \cdot \frac{OG}{m m} / \frac{21}{d} / \frac{20}{y y y} = \frac{OG}{m m} / \frac{21}{d} / \frac{20}{y y y} = \frac{OG}{m m} / \frac{21}{d} / \frac{20}{y y y} = \frac{OG}{m m} / \frac{21}{d} / \frac{20}{y y y} = \frac{OG}{m m} / \frac{21}{d} / \frac{20}{y y y} = \frac{OG}{m m} / \frac{21}{d} / \frac{20}{y y y} = \frac{OG}{m m} / \frac{21}{d} / \frac{20}{y y y} = \frac{OG}{m m} / \frac{21}{d} / \frac{20}{y y y} = \frac{OG}{m m} / \frac{21}{d} / \frac{20}{y y y} = \frac{OG}{m m} / \frac{21}{d} / \frac{20}{y y y} = \frac{OG}{m m} / \frac{21}{d} / \frac{20}{y y y} = \frac{OG}{m m} / \frac{21}{d} / \frac{20}{y y y} = \frac{OG}{m m} / \frac{20}{d} = \frac{O}{m m} / \frac{OG}{d} = \frac{O}{m m} / \frac{OG}{d} = \frac{O}{m m} = \frac{O}{m m}$
 6. Volume of water in filter pack and well casing gal. 7. Volume of water removed from well gal. 8. Volume of water added (if any) gal. 	Fill in if drilling fluids were used and well is at solid waste facility: 14. Total suspended mg/l mg/l solids
9. Source of water addedA	15. CODmg/lmg/l
10. Analysis performed on water added?	16. Well developed by: Name (first, last) and Firm First Name: Mike Last Name: Passen Firm: WGNHS

17. Additional comments on development:

Bot well after development = 32.90' below Top AVZ

Name and Address of Facility Contact /Owner/Responsible Party First Name: Mile Last Name: Parker	I hereby certify that the above information is true and correct to the best of my knowledge.				
Facility/Firm:	Signature: Mithael J. Pasen				
Street:	Print Name: mike Parsen				
City/State/Zip:	Firm: WGNHS				



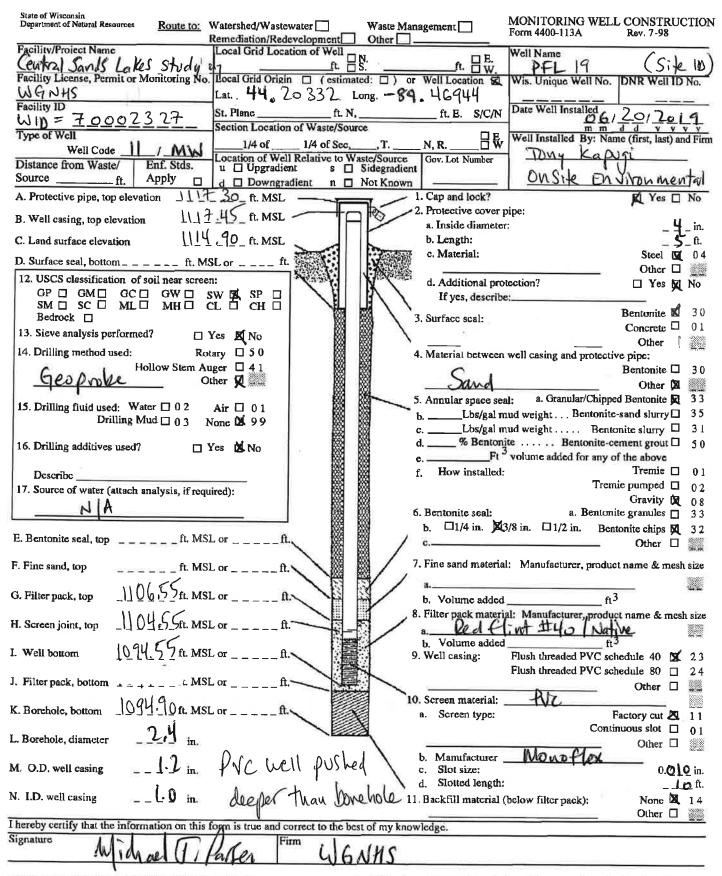
MONITORING WELL DEVELOPMENT Rev. 7-98

Form 4400-113B

Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopmen	t Other
Facility/Project Name County N	JavShava PFL 18 (Site 10)
Facility License, Permit or Monitoring Number County C	ode Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry? Yes Yes Yes Yes 2. Well development method 1 41 surged with bailer and pumped 61 surged with block and pumped 62 surged with block, bailed and pumped 70 compressed air 20 bailed only 10 pumped only 51 pumped slowly 50 Other 34 3. Time spent developing well	11. Depth to Water (from top of well casing) Date $b \underbrace{O6}_{m m} / \frac{21}{d} / \frac{7}{2019} \underbrace{9}_{m m} \underbrace{O6}_{d} / \frac{21}{y y y} \underbrace{2 \text{ ci}}_{y y y} \underbrace{9}_{y y} \underbrace{9}_{m m} \underbrace{10}_{d d} / \underbrace{2 \text{ ci}}_{y y y y} \underbrace{10}_{m m} \underbrace{10}_{d d} \underbrace{10}_{y y y y} \underbrace{10}_{y y y} \underbrace{10}_{m m} \underbrace{10}_{d d} \underbrace{10}_{y y y y} \underbrace{10}_{m m} \underbrace{10}$
10. Analysis performed on water added?	- 16. Well developed by: Name (first, last) and Firm
17. Additional comments on development:	

Well depth after development 25.81 below TOP PVR

Name and Address of Facility Contact /Owner/Responsible Party First Name: Mile Last Name: Parker	I hereby certify that the above information is true and correct to the best of my knowledge.					
Facility/Firm: WGNHS	_ Signature: M. Moel J. Paken_					
Street:	Print Name: Mike Paylen					
City/State/Zip:	Firm: WGNHS					



MONITORING WELL DEVELOPMENT Rev. 7-98

State of Wisconsin Department of Natural Resources	MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98				
Route to: Watershed/Wastewater Remediation/Redevelopment	Waste Management Other []				
Facility/Project Name	Shava Well Name PFL 19 (Site 10)				
Facility License, Permit or Monitoring Number County Code	Wis. Unique Well Number DNR Well ID Number				
 1. Can this well be purged dry? Yes K No 2. Well development method surged with bailer and bailed	Before Development After Development 11. Depth to Water a				
 10. Analysis performed on water added? Yes No (If yes, attach results) 17. Additional comments on development: 	16. Well developed by: Name (first, last) and Firm First Name: Mike Last Name: Passen Firm: WGNHS				

well depth affer development 229. Selow Top PVZ

Name and Address of Facility Contact /Owner/Responsible Party First Last Parter Name: Parter	I hereby certify that the above information is true and correct to the best of my knowledge.				
Facility/Firm:	_ Signature: Mithoel J. Pasen				
Street:	Print Name: mice Parlen				
City/State/Zip:	- Firm: WGNHS				

State of Wis., Dept. of Natural Resources dnr.wi.gov

PFL20

Well / Drillhole / Borehole Filling & Sealing Report Form 3300-005 (R 4/2015)

Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

⊠ Verification Only of Fill and Seal	Route to DNR Bureau	Watershed/Wastewater	Remediation/Redevelopment				
1. Well Location Information		2. Facility / Owner Information					
County WI Unique Well # of	Hicap #	Facility Name					
Washar Removed Well		Facility ID (FID or PWS)	Lakes Study				
	mat Code Method Code	JENHS WENTS					
	GPS008	License/Permit/Monitoring #					
-89.46800 w		WID = 70002328	Sile 10=PFL20				
1/4/1/4 1/4 Section	Township Range E	Original Well Owner	JAR ID FIFLLU				
or Gov't Lot #	N Öv						
Well Street Address		Present Well Owner					
Well City, Village or Town	Well ZIP Code	Mailing Address of Present Owner					
Subdivision Name	Lot #	City of Present Owner	State ZIP Code				
Reason for Removal from Service WI Unique V	Well # of Replacement Well	4. Pump, Liner, Screen, Casing & Seali	ing Material				
Exploratory Boring _		Pump and piping removed?	Yes No N/A				
3. Filled & Sealed Well / Drillhole / Boreh	ole Information	Liner(s) removed?	Yes No N/A				
Monitoring Well Original Constru	uction Date (mm/dd/yyyy)	Liner(s) perforated?	Yes No N/A				
Water Well		Screen removed?	Yes No N/A				
If a Well Constr	uction Report is available,	Casing left in place?					
picado attacit.		Was casing cut off below surface?					
Construction Type:		Did sealing material rise to surface?					
Drilled Driven (Sandpoint) Dug		Did material settle after 24 hours?	Yes X No N/A				
X Other (specify): Geoproke hove hole		If yes, was hole retopped? If bentonite chips were used, were they hydra	Yes No N/A				
Formation Type:		with water from a known safe source?	Yes No N/A				
	edrock	Required Method of Placing Sealing Material					
	ng Diameter (in.)	Conductor Pipe-Gravity 🔀 Conductor Pipe-Pumped					
47-	NA	Screened & Poured Other (Explain Other (Explain Chips)	in):				
	ng Depth (ft.)	Sealing Materials					
2.4	NA	Neat Cement Grout	Concrete				
Was well annular space grouted?	No Unknown	Sand-Cement (Concrete) Grout	Bentonite Chips				
		For Monitoring Wells and Monitoring Well Boreh	oles Only:				
	• •	Bentonite Chips Bentonite - Cement Grout					
	20	Granular Bentonite Bentonit	te - Sand Slurry				
5. Material Used to Fill Well / Drillhole		From (ft.) To (ft.) No. Yards, Sacks Se					
Bentonite Slurry_		Surface 47	ne) Mud Weight				
6. Comments							
Bore hole was about	doned and Sea	lod					
. Supervision of Work		DN	IR Use Only				
Pony Kapusi Owirk Enviro		ing & Sealing or Verification Date Received	Noted By				
Street or Route		yy) 6/19/2019 lephone Number Comments					
• •)					
City Stat	e ZIP Code	Signature of Person Doing Work	Date Signed				

State of Wis., Dept. of Natural Resources dnr.wi,gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

PFL21

	Route to DNR Bureau				
🔀 Verification Only of Fill and Seal	Drinking Water	Watershed/Wastewater Remediation/Redevelopmer			
	Waste Manageme	ent Other:			
1. Well Location Information		2. Facility / Owner Information			
Removed Woll	Hicap #	Facility Name			
Warsharr NA		Central Sands Laker Study			
Latitude / Longitude (see instructions) Format	Code Method Code	Facility ID (FID or PWS)			
44. 20453 N	DD GPS008	WANHS			
-01 11/071	SCR002	License/Permit/Monitoring #			
	Den la	WID = 70002329 Site ID=PFL			
or Gov't Lot #		Original Well Owner			
	N W				
Well Street Address		Present Well Owner			
Well City, Village or Town		Mailing Address of Present Owner			
Wen City, Village of Town	Well ZIP Code	Maning Address of Present Owner			
Subdivision Name	l ot #	City of Present Owner State ZIP Code			
Cubamaton Mane	Lot #	State Zir Code			
Reason for Removal from Service WI Unique Well	# of Replacement Well	4. Pump, Liner, Screen, Casing & Sealing Material			
Exploratory Boring	# of Replacement well	Pump and piping removed?			
3. Filled & Sealed Well / Drillhole / Borehole	Information	Liner(s) removed?			
	n Date (mm/dd/yyyy)	Liner(s) perforated?			
		Screen removed?			
Water Well	on Report is available,	Casing left in place?			
Borehole / Drillhole please attach.	on report is available,	Was casing cut off below surface?			
Construction Type:		Did sealing material rise to surface?			
Drilled Driven (Sandpoint)	Dug	Did material settle after 24 hours?			
Other (specify): Geoprobe b	ove hole	If yes, was hole retopped?			
Formation Type:		If bentonite chips were used, were they hydrated with water from a known safe source?			
X Unconsolidated Formation	∩k	with water from a known safe source?			
	iameter (in.)	Conductor Pipe-Gravity X Conductor Pipe-Pumped			
	SIA	Saraanad & Daward			
	1901.000	(Bentonite Chips) Other (Explain):			
	D	Sealing Materials			
2.4	NIA	Neat Cement Grout Concrete			
Was well annular space grouted?	X No Unknown	Sand-Cement (Concrete) Grout Bentonite Chips			
If yes, to what depth (feet)? Depth to Water		For Monitoring Wells and Monitoring Well Boreholes Only:			
bepin to water	(leel)	Bentonite Chips Bentonite - Cement Grout			
		Granular Bentonite Bentonite - Sand Slurry			
5. Material Used to Fill Well / Drillhole		From (ft.) To (ft.) No. Yards, Sacks Sealant or Mix Ratio or Volume (circle one) Mud Weight			
Bentarite Slurny		Surface 75			
6. Comments					
Bore hole was abando	und and Con	lail			
7. Supervision of Work	ven and och	DNR Use Only			
		ling & Sealing or Verification Date Received Noted By			
1044 Kapusi Dulik Environik		W) 6/ /2019			
Street or Rolute		elephone Number Comments			
City	(
City State	ZIP Code	Signature of Person Doing Work Date Signed			

Page 1 of 2

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State of Wis, , Dept. of Natural Resources dnr.wi.gov

PFL22 Well / Drillhole / Borehole Filling & Sealing Report

Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Form 3300-005 (R 4/2015)

		Route	to DNR Bureau:							
Verification Only of Fi	ill and Seal)rinking Water Vaste Manageme		Watershed/Was Other:	stewater	Remedia	tion/Redevelopment		
			vaste wanageme			1				
1. Well Location Informatio	nique Well # of	Hicap #		2. Facility I	Owner Info	mation				
	oved Well	nicap #			Cevita	1 Sands	Lakes	Study		
Latitude / Longitude (see instruct	tions) Forma	at Code	Method Code	Facility ID (F	ID or PWS)	GNHS		1		
-89, 46688		DDM	SCR002		nit/Monitoring # $\Lambda - \overline{A} \Lambda$	002330	C-L	= ID=PFLZ		
1/4/1/4 1/4		wnship		Original Well		00230	JIT	= ID=IFLL		
or Gov't Lot #	-	N								
Well Street Address				Present Well	Owner					
				Mailine Adde		0				
Well City, Village or Town		Well	ZIP Code	Mailing Addre	ess of Present (Owner				
Subdivision Name		Lot #	I	City of Prese	nt Owner		State	ZIP Code		
Reason for Removal from Servic	e WI Unique W	ell # of Re	eplacement Well	4. Pump, L	iner, Screen	, Casing & Sea	aling Mater	rial		
Exploratory Borin				Pump and	piping remove	d?	ΠY	res No N/A		
3. Filled & Sealed Well / Dr		e Inform	nation	Liner(s) re						
Monitoring Well	Original Construc	tion Date	(mm/dd/yyyy)	Liner(s) pe			H.,			
Water Well					Screen removed? Yes No N/A Casing left in place? Yes No N/A					
Borehole / Drillhole	If a Well Constru	ction Rep	ort is available,	Was casing cut off below surface? Yes No N/A						
Construction Type:	please attach.			Did sealing material rise to surface?						
Drilled Driven (Sandpoint) Dug				al settle after 2			res 🗙 No 🗍 N/A			
Tother (specify): <u>Geoprobe</u> bore hole			lf yes,	was hole retop	ped?	ΞY	/es No N/A			
Formation Type:				e chips were us from a known :	ed, were they hyd	drated 🖂 Y	/es No N/A			
X Unconsolidated Formation Bedrock						Sealing Material	W			
Total Well Depth From Ground S		Diamete	r (in.)		-	y X Conductor	Pipe-Pumpe	ed		
10	1. • · · · · · · · · · · · · · · · · · ·	AL			ed & Poured hite Chips)	Other (Exp	olain):			
Lower Drillhole Diameter (in.)	Casing	Depth (f	t.)	Sealing Mate	the second s					
2.4		NIA	+	Neat C	ement Grout		Concrete			
				Sand-C	Cement (Concre	ete) Grout	Bentonite C	Chips		
Was well annular space grouted?	Yes		Unknown	For Monitorin	ng Wells and M	onitoring Well Bor				
If yes, to what depth (feet)?	Depth to Wa	ater (feet)			ite Chips	Bento	onite - Cemer	nt Grout		
				Granula	ar Bentonite		onite - Sand S			
5. Material Used to Fill Wel	l / Drillhole			From (ft.)	To (ft.)	No. Yards, Sacks Volume (circle		Mix Ratio or Mud Weight		
Bentanite	showy_			Surface	10					
6. Comments										
	was abar	dound	and Se	alad						
7. Supervision of Work					the second se	DNR Use (
Name of Person or Firm Doing Filling & Sealing License # Date of Fi			0 1	or Verification	Date Received	N	Noted By			
ibny Kapugi Owite Environmental (mm/dd/yy)			01	1 2019	Comments					
Street or Rolute			(elephone Num)		Comments				
City	State	e ZIP	Code	Signature of	Person Doing	Nork	Date	e Signed		
				1						

Pleasant Lake Geoprobe Well & Boring Forms

- Monitoring Well Construction (4400-113A)
- Monitoring Well Development (4400-113B)
- Borehole Abandonment (3300-05)

	Watershed/Wastewater [] Remediation/Redevelopment			MONITORING WELI Form 4400-113A	CONSTRUCTION Rev. 7-98
Facility/Project Name CENTRAL Sands Lakes Study	Local Grid Location of Well	[™] ⊟∾	n. Hu	Well Name PSNT.01	(Site 12)
Facility License, Permit or Monitoring No.	Local Grid Origin 🗇 (esti Lat. <u>43</u> , 98449			Wis. Unique Well No.	DNR Well ID No.
Facility ID $=$ 70002304	St. Planeft Section Location of Waste/S	L N,		Date Well Installed	2312018
Type of Well Well Code 11 / MAN	1/4 of1/4 of Se	ec,T		Well Installed By: Nar Tory Kapa	ne (first, last) and Firm
Distance from Waste/ Enf. Stds. Sourceft. Apply	Location of Well Relative to u [] Upgradient s d [] Downgradient n	Sidegradient	Gov. Lot Number	ONSite Env	0 1.
A. Protective pipe, top elevation _ 000	0.25 ft. MSL		Cap and lock?		Yes 🗆 No
B. Well casing, top elevation 1000	•09 ft. MSL		Protective cover p a. Inside diameter	•	Ч іп.
C. Land surface elevation 997 c	<u>30</u> ft. MSL		b. Length:		ft.
D. Surface seal, bottom ft. MS	SL or ft.	N. S.	c. Material:		Steel 🙇 04 Other 🗆 🐘
12. USCS classification of soil near screen	12-30 State		d. Additional pro	tection?	□ Yes 🗹 No
GP GM GC GW S SM SC ML MH C			If yes, describe		
$\begin{bmatrix} SM \square SC \square ML \square MH \square C \\ Bedrock \square \end{bmatrix}$		3.	Surface scal:		Bentonite 🗆 30
13. Sieve analysis performed?	Yes 🗷 No		Nativa	o	Concrete 0 1 Other 🖄
14. Drilling method used: Rot	tary □ 50	4.		well casing and protective	
Hollow Stem Au	Iger □ 41	8 8	tEILO C	1	Bentonite 🗆 30
<u>Greaptobe</u> or	ther 🖾 🛄	8 8 .	190 70		Other
15. Drilling fiuid used: Water 🗆 0 2	Air 🗆 01		Annular space sea	al: a. Granular/Chippe nud weight Bentonite	ad Bentonite 🔍 3 3
Drilling Mud 🗆 0 3 N	Jone 🕱 99			ud weight Bentome	
16. Drilling additives used?	Yes X No		% Benton	ite Bentonite-ce	ement grout 🗆 50
	/4	е.	How installed:	volume added for any c	of the above Tremie 🔲 01
Describe			How installed:		
17. Source of water (attach analysis, if requ	ired):				Gravity 2K 08
NA			Bentonite seal:		ite granules 🔲 33
E. Bentonite seal, topft, MS	L orft.		c	3/8 in. □1/2 in. Ben	Other
F. Fine sand, top ft. MS	Lorft.	⁷ .	Fine sand materia	d: Manufacturer, produc	t name & mesh size
G. Filter pack, top 986.69 ft. MSJ	Lorft.		a. b. Volume added	<u>د</u>	3
				al: Manufacturer, produ	
H. Screen joint, top 984.69 ft. MSI	L or ft.		a Redflin	十 47 山〇	3
I. Well bottom 974.69 ft. MSI	Lorft.	A DECEMBER OF	b. Volume added Well casing:	Flush threaded PVC sci	
		です		Flush threaded PVC sc	-
J. Filter pack, bottomft. MSI	Lor ft.			1210	Other 🛛 🚛
K. Borehole, bottom 972.30 ft. MSI	L or ft.	11110	Screen material: a. Screen type:		Factory cut A 1 1
L. Borehole, diameter <u>2.4</u> in.			÷	f	nuous slot 🗆 01 Other 🗆 🎆
M. O.D. well casing 1.2 in.		×	 Manufacturer Slot size: 	Monoflex	0. <u>9]</u> <i>Q</i> in.
N. I.D. well casing $\int d Q_{-in}$ in.			 Slotted length: Backfill material 	: (below filter pack):	$10_{\text{ft.}}$
I hereby certify that the information on this,	form is true and correct to th	to best of my know	ledge.		Other
Signature MALLOP	Firm				
INVI Manel 11 Pa	(h)	WANHS			

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopment] Other
	Wanghara PONTOT (Site 10)
Facility License, Permit or Monitoring Number County Code	Wis. Unique Well Number DNR Well ID Number
 Can this well be purged dry? Yes X No Well development method 	11. Depth to Water (from top of a. 17.35 ft. 17.41 ft.
surged with bailer and bailed4 1surged with bailer and pumped6 1surged with block and bailed4 2surged with block and pumped \mathbb{Z} 6 2	well casing) Date $b \frac{O}{m} \frac{7}{m} / \frac{2}{d} \frac{5}{y} / \frac{2}{y} \frac{O}{y} \frac{1}{y} \frac{8}{y} \frac{O}{m} \frac{7}{m} \frac{2}{d} \frac{5}{d} \frac{2}{y} \frac{O}{y} \frac{1}{y} \frac{8}{y}$
surged with block, bailed and pumped70compressed air20bailed only10pumped only51	Time $c. 15: 29$ $a.m.$ $16: 90$ $a.m.$ 12. Sediment in well 2.0 inches 0.0 inches
pumped slowly 5 0 Other	13. Water clarity Clear □ 10 Clear □ 20 Turbid ☑ 15 Turbid ☑ 25
3. Time spent developing well $-4Q$ min. 4. Depth of well (from top of well casisng) -25.4 ft.	(Describe) <u>Opaque</u> <u>Brown</u> <u>Brown</u> <u>Brown</u> <u>Brown</u>
5. Inside diameter of well $-1, 9$ in.	
6. Volume of water in filter pack and well casingQ3 gal.	Fill in if drilling fluids were used and well is at solid waste facility:
7. Volume of water removed from well $\underline{2000}$ gal.	14. Total suspended mg/l mg/l
8. Volume of water added (if any) $- \underbrace{\bigcirc}_{-} \underbrace{\bigcirc}_{-} \underbrace{\bigcirc}_{-} \underbrace{\bigcirc}_{-} gal.$	solids
9. Source of water added	15. COD mg/l mg/l 16. Well developed by: Name (first, last) and Firm
10. Analysis performed on water added? (If yes, attach results)	First Name: Peter Last Name: Chase Firm: WGNHS
17. Additional comments on development:	
PTB 25.3 pre-developm	ent
Name and Address of Easility Contact (Owner/Demonsible Party	

First Name: Mile Last Name: Parsen	I hereby certify that the above information is true and correct to the best of my knowledge.				
Facility/Firm: WANHS	Signature: Mahal O' facks				
Street:	_ Print Name: Mike Parlen				
City/State/Zip:	_ Firm: <u>UGNIIS</u>				

		Watershed/Wastewater		seinen [MONITORING WEL Form 4400-113A	L CONSTRUC Rev. 7-98	TION
	Facility/Project Name	Remediation/Redevelopment			AT. 11 M		
	Central Sands Lakes Study Facility License, Permit or Monitoring No.	Local Grid Location of Well	B	ft. 🛛 🙀.	Well Name PSNT	03 Uite	(01)
		12' 98' 2	nated: \Box) or ∇	well Location \Box	Wis. Unique Well No.	DNR Well ID	No.
	Eacility ID	Lat. 43, 98230			Data Wall Installed		
	WID= 7000 2305	St. Planeft.		ft_ ES/C/N	Date Well Installed 7	1171291	18
	Type of Well	Section Location of Waste/So		DΕ	Well Installed By: Na	0 0 V V V	/ Y
	Well Code _/ /_mw		e,,T]		Crage K		d L'IIII
	Distance from Waste/ Enf. Stds.	Location of Well Relative to u Upgradient s	Waste/Source	Gov. Lot Number			1
	Sourceft. Apply	d Downgradient n			_ousite_on	VINONMEN	4
		.46_ft. MSL		Cap and lock?		🖄 Yes 🗆	No
	B. Well casing, top elevation 99.6	.35_ft. MSL		Protective cover p	•	1	
		.84 ft. MSL		a. Inside diameter	:	-17	in.
	C. Land surface elevation 172	o II. MSL		b. Length: c. Material:		Steel M	_ ft.
	D. Surface seal, bottoml ft. MS	SL or ft.		c. Material:		Other \Box	U 4 30335
	12. USCS classification of soil near screen		1000000	d. Additional prot	ection?	□ Yes 🖌	No
	GP GM GC GW S	w 🗆 sp 🛛 🔪		If yes, describe			110
	SM C SC ML MH C	л сн 🛛 🔪 🕌				Bentonite	30
	Bedrock		3.	Surface scal:	Ň	Concrete	
	13. Sieve analysis performed?	res 🖾 No		Native	Soil	Other	
	14. Drilling method used: Rot	ary 🗆 50 🛛 🖉	4.		well casing and protecti	ive pipe:	<u></u>
	Hollow Stem Au	100/				Bentonite 🗆	30
		ther 🗛 🔛		开4Q		Other 🖾	
			5.	Annular space sea	I: a. Granular/Chipp		
	15. Drilling fiuid used: Water 0 2	Air 0 01			ud weight Bentonit		35
	Drilling Mud 🗆 0 3 N	lone, EQ 99			ud weight Bent		31
	16. Drilling additives used?	Yes 🕱 No		% Bentoni	te Bentonite-c	cement grout	50
			е.	Ft 3	volume added for any	of the above	
	Describe		🗱 f.	How installed:		Tremie 🗖	01
	17. Source of water (attach analysis, if requ				Trer	nie pumped 🔲	02
	ALA					Gravity	
	N/			Bentonite seal:		ite granules	
	E. Bentonite seal, topft. MSI	Lor ft			3/8 in. □1/2 in. Be	_	32
		× × × × × × × × × × × × × × × × × × ×		c		Other	
	F. Fine sand, top ft. MSJ	Lorft.	7.	Fine sand materia	I: Manufacturer, produ	ct name & mesh	size
	G. Filter pack, top 980.75 ft. MSI		\mathbf{X}	a			
	G. Filter pack, top $100 \cdot 10$ ft. MS	or the fill			ft		
_	H. Screen joint, top 978,75 ft. MSJ		8.		al: Manufacturer, produ	ict name & mesh	h size
	H. Screen joint, top 118.72 ft. MSJ	L or II.			anve_		
-	I. Well bottom 968 75ft. MSI	for fts		b. Volume added		, , , , , , , , , , , , , , , , , , ,	
		^{III}		Well casing:	Flush threaded PVC so		23
	J. Filter pack, bottom ft. MSI	L or ft.			Flush threaded PVC so	Other	24
	24 C		10.	Screen material:	PVC		
-	K. Borehole, bottom 968.84 _ ft. MSI		1.1.1	. Screen type:		Factory cut 🖄	11
	L. Borehole, diameter in.	PVC II			Cont	tinuous slot	01
	r 7	no wen push	ed t	. Manufacturer .	Monoflex		
	M. O.D. well casing $-\frac{1}{2} \circ \frac{2}{2}$ in.	PVC well push deeper than borehale		Slot size:		0.010	` .
		borolade		•	n		ft.
	N. I.D. well casing $1 - \frac{1}{2} = 1$ in.	Concorde	11.	Backfill material (below filter pack):	None	14
1	I hereby certify that the information on this	form is true and correct to the	best of my knowl	edge.			22222
	Signature	Firm	1.				
	Michael V P	alk l	NGNHS		1		

5

MONITORING WELL DEVELOPMENT

Department of tradital Resources	Form 4400-113B Rev. 7-98
Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopment	Other
Facility/Project Name County Name	avshara Well Name PSNT.03 (Sik 10)
Facility License, Permit or Monitoring Number County Code	Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry? □ Yes □ No 2. Well development method □ 41 surged with bailer and pumped □ 61 surged with block and bailed ☑ 42 surged with block and pumped □ 62 surged with block, bailed and pumped □ 70 compressed air □ 20 bailed only □ 10 pumped slowly □ 51 other □	Before Development After Development 11. Depth to Water a. -19.16 ft. -19.15 ft. $a19.16$ ft. -19.15 ft. Date b. $0.7/17/2018$ $0.7/17/2018$ $0.7/17/2018$ ft. Date b. $0.7/17/2018$ $0.7/17/2018$ ft. Time c. 15.45 mm d d y y y y mm d d y y y y ft. Time c. 15.45 mm. $16:20$ mm. 12. Sediment in well -7.9 inches bottom -7.9 inches 13. Water clarity Clear 0.0 ft. Clear 0.0 ft. 0.9 inches 0.9 ft. 0.9 ft. 0.9 ft. 0.9 inches 0.9 ft. 0.9 inches 0.9 ft.
DTB 22.05 pre-developm	vent
	h &

Name and Address of Facility Contact / Owner/Responsible Party First Name: <u>Last</u> Name: <u>Pavkn</u>	I hereby certify that the above information is true and correct to the best of my knowledge.				
Facility/Firm: WGNHS	_ Signature: Signature: Ranks				
Street:	Print Name: Mile Parlen				
City/State/Zip:	Firm: WGNHS				

PSNT 04

State of Wis., Dept. of Natural Resources dnr.wi.gov

Borehole / Drillhole

Construction Type:

Drilled

please attach.

Dug

Driven (Sandpoint)

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Was casing cut off below surface?

Did material settle after 24 hours?

Did sealing material rise to surface?

Page 1 of 2

Yes

Yes

Yes

No

No

X No

N/A

N/A

N/A

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information. Route to DNR Bureau: **Drinking Water** Watershed/Wastewater Remediation/Redevelopment Verification Only of Fill and Seal Other: Waste Management 1. Well Location Information 2. Facility / Owner Information County WI Unique Well # of Hicap # Facility Name Removed Well Lakes Wavshara 11 acility ID (FID or PWS) Latitude / Longitude (see instructions) Method Code GPS008 Format Code WGNHS 8784 MOD N icense/Permit/Monitoring # SCR002 W WID = 70002306OTH001 P.SATO SITE ID 1/4/1/4 Section Township Original Well Owner Range Ε or Gov't Lot # W N Present Well Owner Well Street Address Mailing Address of Present Owner Well City, Village or Town Well ZIP Code City of Present Owner State ZIP Code Subdivision Name Lot # 4. Pump, Liner, Screen, Casing & Sealing Material Reason for Removal from Service WI Unique Well # of Replacement Well Pump and piping removed? Yes No N/A Boring hit retusal Liner(s) removed? Yes No N/A 3. Filled & Sealed Well / Drillhole / Borehole Information Liner(s) perforated? Original Construction Date (mm/dd/yyyy) Yes No N/A Monitoring Well Screen removed? Yes No N/A 4 2018 17 Water Well Casing left in place? Yes No N/A If a Well Construction Report is available,

Other (specify): Creaps	obe borehale			was hole reto		Yes No N/A	
Formation Type:			with water	from a known	used, were they hydrated n safe source?	Yes No N/A	
Unconsolidated Formation	Bedrock				g Sealing Material		
Total Well Depth From Ground Surfa	ace (ft.) Casing Diameter (in.))	Condu	ctor Pipe-Grav	vity Conductor Pipe-	Pumped	
32'	N/A		Bento	ed & Poured hite Chips)	Other (Explain):		
Lower Drillhole Diameter (in.)	Casing Depth (ft.)		Sealing Mate	erials			
2.4 "	N/A		Neat C	ement Grout	Con	crete	
		÷1	Sand-C	Cement (Conc	rete) Grout 🛛 🔀 Ben	tonite Chips	
Was well annular space grouted?	Yes 🕅 No 🗌	Unknown	For Monitori	ng Wells and I	Monitoring Well Borehole	s Only:	
If yes, to what depth (feet)? Depth to Water (feet)			Bentonite Chips Bentonite - Cement Grout				
	NA		Granul	ar Bentonite	Bentonite -	Sand Slurry	
5. Material Used to Fill Well / I	Drillhole		From (ft.)	To (ft.)	No. Yards, Sacks Seala Volume (circle one)		
Bentouite ch	ins		Surface	32			
6. Comments							
Boreholewas aba	ndoned and sea	iled	Commentary Construction			151	
7. Supervision of Work	actual optice of a	<i>lica</i>			DNR	Use Only	
Name of Person or Firm Doing Filling		Date of Fil	ling & Sealing	or Verification		Noted By	
12my Kapyi ONSTE ENVI	vonmental	(mm/dd/yy	199) 7/17	12018			
Street or Route V		Te	lenhone Num	her	Comments		

) City State ZIP Code Signature of Person Doing Work Date Signed

	Watershed/Wastewater [Remediation/Redevelopn		Management []	MONITORING WE Form 4400-113A	LL CONSTRUC Rev. 7-98	TION
Facility/Project Name Central Sand Lakes Study	Local Grid Location of	11.7 11	f. 🛛 .	Well Name PSNT	05 (Site)	(\mathfrak{N})
Facility License, Permit or Monitoring No.	Local Grid Origin D Lat, 43, 98672	(estimated: 🗆)	or Well Location	Wis. Unique Well No		
Facility ID	St. Plane				117/201	18
WID = <u>70002307</u> Type of Well	Section Location of Wa	ste/Source	ПЕ			
Well Code // / ////W Distance from Waste/ Enf. Stds.	1/4 of1/4 of	ve to Waste/Source	Gov. Lot Number	- Grage K		-
Sourceft. Apply	u 🗆 Upgradient d 🗆 Downgradient	s 🗆 Sidegrad		Onsite	Enjivonme	
	3.39_ft. MSL		 1. Cap and lock? 2. Protective cover 	nine:	🕅 Yes 🗖	No
a,	- <u>3.33</u> ft. MSL	THE	a. Inside diamete		_4_	in.
C. Land surface elevation 102	03_ ft. MSL		b. Length: c. Material:		Steel 🐴	_ft.
	SL or ft.		S		Other	100.000
12. USCS classification of soil near screet	n: SW 🗆 SP 🗶		d. Additional pro		🗆 Yes 🗖	No
SM C SC ML MH C			If yes, describ		Bentonite	30
Bedrock 13. Sieve analysis performed?	Yes XNo		3. Surface scal:	01	Concrete	
	tary 0 50		4. Material between	well casing and protect	Other 🕰	
Hollow Stem An			5 1	4110	Bentonite 🗆	100000
	ther PAC		5. Annular space se	a Granular/Chir	Other 🔍 oped Bentonite 🕅	
15. Drilling fluid used: Water 1 0 2 Drilling Mud 1 0 3	Air 0 01			mud weight Benton	- V77703	35
	None 🖾 99			mud weight Be		31 50
16. Drilling additives used?	Yes 🕅 No			³ volume added for any		20
Describe			f. How installed		Tremie	0 1
17. Source of water (attach analysis, if requ	iired):			117	emie pumped 🛛 Gravity 🔀	02
NA	oc.		6. Bentonite seal:	a. Bento	unite granules 🔲	33
E. Bentonite seal, topft. MS	Lor fl.		b. □1/4 m. ∧s	Í3/8 in. □1/2 in. B	Other	32
F. Fine sand, top ft. MS	L or ft.		7. Fine sand møteri	al: Manufacturer, proc	luct name & mesh	ı size
G. Filter pack, top 981.03 ft. MS	L or ft.		b. Volume adde	d	ft ³	-
H. Screen joint, top 979.03 ft. MS	L or ft	1. K	a. #40/	rial: Manufacturer, pro NavfiVe		h size
I. Well bottom 969.03 ft. MS	L or ft.		b. Volume adde9. Well casing:	d Flush threaded PVC Flush threaded PVC		
J. Filter pack, bottomft. MS	L or ft.			Flush unleaded FVC	Other	24
K. Borehole, bottom 966.03 ft. MS	L orft.		 Screen material: a. Screen type: 		Factory cut	
L. Borehole, diameter 2.4 in.					ntinuous slot 🗖 Other 🗖	01
M. O.D. well casing in.	27	/	b. Manufacturerc. Slot size:	Monoflex	0. 01	Qin.
N. I.D. well casing $\int LO_{in}$		×	d. Slotted length 11. Backfill material		_/S None 🛛	₽_ft.
					Other	
I hereby certify that the information on this Signature	71 . Firm		nowledge.			
M Droed (1.	Paller	WENHS				

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopme	ent Other
Facility/Project Name County	Waushara SNTOS (Site ID)
Facility License, Permit or Monitoring Number	Code Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry?	11. Depth to Water
 2. Well development method surged with bailer and bailed 4 1 surged with bailer and pumped 6 1 surged with block and bailed 4 2 surged with block and pumped 6 2 surged with block, bailed and pumped 7 0 compressed air 2 0 bailed only 1 0 pumped slowly 5 1 pumped slowly 5 0 Other 3. Time spent developing well 4. Depth of well (from top of well casisng) 5 U.3 ft. 5. Inside diameter of well 1.0 1	Opaque Slight torbidity
 6. Volume of water in filter pack and wellO.2_gal 7. Volume of water removed from wellO.Q gal 8. Volume of water added (if any)Q.Q gal 9. Source of water added	Fill in if drilling fluids were used and well is at solid waste facility: 1. 14. Total suspended mg/l mg/l 14. Total suspended mg/l mg/l 15. COD mg/l mg/l 16. Well developed by: Name (first, last) and Firm
10. Analysis performed on water added? [] Yes [] (If yes, attach results)	No First Name: Peter Last Name: Chase Firm: WGNHS

17. Additional comments on development: PTB pre-develop = 53.9

Name and Address of Facility Contact /Owner/Responsible Party First M. 14 Last Name: Part Cen	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: WGNHS	_ Signature: Minal J. Parles
Street:	Print Name: Mike Parsen
City/State/Zip:	- Firm: WGNHS

	Watershed/Wastewater	Waste Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name Central Sands Lakel Study	Remediation/Redevelopment	Nft	Well Name PSATOG (Site 10)
Facility License, Permit or Monitoring No.	Local Grid Origin 🔲 (estimat	ted:) or Well Location	Wis. Unique Well No. DNR Well ID No.
WGNHS	Lat. 43,98108 1	ong -89, 54892 _ or	
Facility ID		ft. E. S/C/N	Date Well Installed 7/17/2018
WID=39000214	Section Location of Waste/Sour	rce	mm_dd v v v v
Type of Well Well Code M.W	1/4 of 1/4 of Sec	, T N, R 🛛 W	Well Installed By: Name (first, last) and Firm
Distance from Waste/ Enf. Stds.	Location of Well Relative to Ward u Dupgradient s	aste/Source Gov. Lot Number Sidegradient	- <u>Crage Kapugi</u>
Sourceft. Apply	d \square Downgradient n \square		Onsite Environmental
A. Protective pipe, top elevation _100		1. Cap and lock?	Yes 🗆 No
B. Well casing, top elevation 1002	2_23 ft. MSL	2. Protective cover	
		a. Inside diamete	r:
C. Land surface elevation	•77_ ft. MSL	b. Length: c. Material:	$\mathcal{L} \subseteq \mathcal{L} \subseteq \Pi$. Steel 🗷 04
D. Surface seal, bottom ft. MS	SL or ft.	X	Other 🗆 🤍
12. USCS classification of soil near screen		d. Additional pro	otection?
GP GM GC GW S SM SC ML MH G		If yes, describ	e:
Bedrock		3, Surface scal:	Bentonite 🗆 30
13. Sieve analysis performed?	Yes XNo	Natar	Concrete 01
14. Drilling method used: Ro	658		Dou I Other X
Hollow Stem Au			Bentonite II 30
<u>Creoprobe</u> o	ther 🖾	#F40 =	
15. Drilling fiuid used: Water 🗇 0 2	Air [] 01	5. Annular space se	
Drilling Mud 🗆 0.3	None 2 99		mud weight Bentonite-sand slurry 35
			nud weight Bentonite slurry 2 31 ite Bentonite-cement grout 50
16. Drilling additives used?	res 🖄 No		³ volume added for any of the above
Describe		f. How installed	Tremie 🗖 01
17. Source of water (attach analysis, if requ	AX3		Tremie pumped \Box 02
NA		6. Bentonite seal:	Gravity 💐 08 a. Bentonite granules 🔲 33
			$13/8$ in. $\Box 1/2$ in. Bentonite chips $\square 32$
E. Bentonite seal, topft, MS	L orft.		Other 🗆 🚛
F. Fine sand, top ft. MS		7. Fine sand materi	al: Manufacturer, product name & mesh size
G. Filter pack, top 984.13 ft. MS	Lorft.	h. Volume adde	dft ³
			ial: Manufacturer, product name & mesh size
H. Screen joint, top 782.13 ft. MS	Lor ft.	A +40	
I. Well bottom 972.13 ft. MS		b. Volume adde	
I. Well bottom $1/2 \cdot 10^{-1}$ ft. MS		9. Well casing:	Flush threaded PVC schedule 40 💢 2.3
J. Filter pack, bottom ft. MS	L or fl.	<u> </u>	Flush threaded PVC schedule 80 24 Other
K. Borehole, bottom 969,77 ft MS	L or ft.	10. Screen material: a. Screen type:	Factory cut X 11
L. Borehole, diameter <u>2.4</u> in.		×	Continuous slot 🛛 01
M. O.D. well casing 1.2 in.		b. Manufacturer	Manaflex 0.010 in.
		c. Slot size: d. Slotted lengt	
N. I.D. well casing $\int_{-4}^{4} Q_{-}$ in.		11. Backfill material	
I hereby certify that the information on this	form is true and correct to the be	est of my knowledge.	
Signature Minhool P	aller Firm W	GNHS	

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopme	nent Other
Facility/Project Name County	MAKONETTE PSNT 06 (Site ID)
Facility License, Permit or Monitoring Number County	y Code Wis. Unique Well Number DNR Well ID Number 9
 Can this well be purged dry? Yes Yes Well development method surged with bailer and bailed 4 1 6 1 	No 11. Depth to Water (from top of well casing) $\frac{\text{Before Development After Development}}{a_{\text{a}} - 22 \cdot 9 \cdot (a_{\text{ft}} - 23 \cdot 0) \int \text{ft}.$
surged with block and bailed14 2surged with block and pumped16 2surged with block, bailed and pumped17 0compressed air12 0bailed only11	Date $b \cdot \frac{Q}{m} \frac{7}{m} / \frac{1}{d} \frac{8}{y} / \frac{20}{y} \frac{18}{y} \frac{Q}{m} \frac{7}{m} \frac{1}{d} \frac{8}{y} / \frac{20}{y} \frac{18}{y} \frac{7}{y} \frac{1}{y} \frac{8}{y} \frac{1}{y} \frac{7}{y} \frac{1}{y} \frac{8}{y} \frac{1}{y} \frac{7}{y} \frac{1}{y} \frac{8}{y} \frac{1}{y} \frac{1}{y} \frac{8}{y} \frac{1}{y} $
pumped only \Box 51 pumped slowly \Box 50 Other \Box \Box 3. Time spent developing well $_ \underline{\mathcal{H}} \underline{\mathcal{Q}}_{min}$	12. Sediment in well $\underline{12.0}$ inches $\underline{12.0}$ inches bottom 13. Water clarity Clear $\underline{10}$ Clear $\underline{20}$ Turbid $\underline{15}$ Turbid $\underline{25}$ (Describe) (Describe)
 4. Depth of well (from top of well casisng)	
6. Volume of water in filter pack and well ga	Fill in if drilling fluids were used and well is at solid waste facility:
7. Volume of water removed from well $\underline{\int \mathscr{X} \cdot Q}$ gai 8. Volume of water added (if any) $\underline{\bigcirc \bigcirc \bigcirc}$ gal	14 Total suspended mg/l mg/l
9. Source of water added	
10. Analysis performed on water added?	
17 Additional comments on development:	

DTB pre-develop = 29.0

I hereby certify that the above information is true and correct to the best of my knowledge.		
Signature: Michael Pables		
Print Name: Mike Parten		
Firm: WGNHS		

	Watershed/Wastewater Remediation/Redevelopment	Waste Management	MONITORING WELL CONSTRUCTIO Form 4400-113A Rev. 7-98	N
Facility/Project Name Central Sands Lakes Shuls	Local Grid Location of Well	N ft. 🗆 E.	Well Name PSNT07 (Site 10)	-
Facility License, Permit or Monitoring No WINHS	Local Grid Origin 🗆 (estimat Lat. 43, 98 2071	ed: □) or Well Location □ .ong. <u>-89</u> , 55/64o	r <u>VQX3L</u>	
Facility ID WID = 39000215	St. Plane ft. N, Section Location of Waste/Sour	ce	mm dd y y y y	
Type of Well Well Code <u>1</u> / <u>MW</u>	1/4 of1/4 of Sec Location of Well Relative to Wa	aste/Source Gov. Lot Number	Well Installed By: Name (first, last) and Fir	m
Distance from Waste/ Enf. Stds. Sourceft. Apply	d 🗆 Downgradient n 🗖		Onsite Environmente	
	3.62 ft. MSL	1. Cap and lock? 2. Protective cover	Contraction of the second s	
	3_ Get : MSL	a. Inside diamet		
C. Land surface elevation	$2 \cdot 2 \cdot 4$ ft. MSL	b. Length:	- 5-ft.	
D. Surface seal, bottom. ft. M	SL or ft.	c. Material:	Steel AN 04	4 8
12. USCS classification of soil near scree	\$2.30 St. 4+1	d. Additional pr	Other □ ∭ otection? □ Yes ⊠ No	â
GP GM GC GW G	SW 🗆 SP 🔣		be:	
$\begin{array}{c c} SM \square & SC \square & ML \square & MH \square \\ Bedrock \square \end{array}$		3, Surface scal:	Bentonite 🔲 30	-
	Yes 🕅 No		Concrete 0 0 1 Other 🖬	
	tary 0 50		n well casing and protective pipe:	14
Hollow Stem A	A 2000000 BCD	B AU.	Bentonite 🗆 30	1
<u>Creaprobe</u>	Other 🕅 🎆	<u> </u>	<u>Sand</u> Other 🛛	
15. Drilling fluid used: Water 🗆 0 2	Air 🗆 01	5. Annular space s	eal: a. Granular/Chipped Bentonite 33 mud weightBentonite-sand slurry 35	
Drilling Mud 🗆 0 3	None 🕵 99		mud weight Bentonite shurry [] 31 mud weight	
16. Drilling additives used?	Yes MINo	d % Bento	nite Bentonite-cement grout 🗆 50)
		KOC .	volume added for any of the above	
Describe		f. How installed	1: Tremie □ 01 Tremie pumped □ 02	-
17. Source of water (attach analysis, if req	uired):		Gravity 😡 08	
NĄ		6. Bentonite seal:	a. Bentonite granules 📋 33	3
E. Bentonite seal, top ft. MS	L orft.	b. □1/4 in. ↓	$(3/8 in. \Box 1/2 in. Bentonite chips (2. 32) Other \Box$	
F. Fine sand, top ft. MS	3L or ft.	7. Fine sand møter	ial: Manufacturer, product name & mesh size	2 2
G. Filter pack, top 982.44 ft. MS	5L or ft.	a b. Volume adde		- 044 (M
H. Screen joint, top 980.44 ft. MS	L or ft.	8. Filter pack mate	rial: Manufacturer, product name & mesh size	B
I. Well bottom 970,44_ft MS		b. Volume adde	.dft ³	
		9. Well casing:	Flush threaded PVC schedule 4023Flush threaded PVC schedule 8024	
J. Filter pack, bottomft. MS		10. Screen material:	Dic Other	
K. Borehole, bottom 970-24 ft. MS	L or ft.	a. Screen type:	Factory cut 🕱 11	
L. Borehole, diameter 2.4 in.		a	Other 🗆 🎆	8
M. O.D. well casing 1_2 in.		b. Manufacturer c. Slot size:	0.0 <u>10</u> in.	
N. I.D. well casing in.		d. Slotted lengt	h: 10 ft. l (below filter pack): None X 14	
			Chelow hiter pack): None A, 14 Other □	e
I hereby certify that the information on this	-1	est of my knowledge.		
Signature Mithael T.	Pade Firm WG	NHS		-0

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewate		Waste Management
Remediation/Redevel		Other
	ounty Name	NARQUETTE Well Name PSNTO7 (STE 10)
Facility License, Permit or Monitoring Number	39	Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry? Yes 2. Well development method 141 surged with bailer and pumped 61 surged with block and pumped 61 surged with block and pumped 62 surged with block, bailed and pumped 70 compressed air 20 bailed only 10 pumped only 51 pumped slowly 50 Other 9 3. Time spent developing well <u>H</u> 4. Depth of well (from top of well casisng) <u>H</u> 5. Inside diameter of well <u>J</u> 6. Volume of water in filter pack and well casing <u>S</u> 7. Volume of water removed from well <u>S</u> 8. Volume of water added (if any) <u>G</u> 9. Source of water added <u>N</u>	☐ No _ min. 2_ft. _ in. 2 gal. 9 gal.	Before Development After Development 11. Depth to Water (from top of well casing) a. 34.20 ft. 34.35 ft. Date b. $97/18/2018$ $07/18/2018$ m m d d y y y y m m d d y y y y Date c. 11.2018 $07/18/2018$ $07/18/2018$ Date b. $97/18/2018$ $07/18/2018$ Date c. 11.2018 $07/18/2018$ Date c. 11.20018 $07/18/2018$ Date c. 11.20018 $07/18/2018$ Date c. 11.20018 $07/18/2018$ Date c. 11.20018 $07/18/2018$ Sediment in well 91.000000 Clear $1000000000000000000000000000000000000$
10. Analysis performed on water added?	🗆 No	First Name: Peter Last Name: Chase Firm: WGNHS
17. Additional comments on development:		

DTB pre-develop = 42.0

Name and Address of Facility Contact /Owner/Responsible Party First Mile Last Parteer	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: WGNHS	Signature: Michael Cifales
Street:	Print Name: Mike Parsen
City/State/Zip:	Firm: <u>WGNHS</u>

	Watershed/Wastewater	Waste Management	MONITORING WELL CONSTRUCTION Form 4400-113A Roy, 7-98
Facility/Project Name Central Sandy Lakes Study	Remediation/Redevelopment	Nf. 🗠 w.	Well Name PSNT. 08 (Site 10)
Facility License, Permit or Monitoring No.	Local Grid Origin 🔲 (estimat	ed: 🗆) or Well Location 🗆	Wis. Unique Well No. DNR Well ID No.
WGNHS	Lat. 43, 98082 L	-	<u>_VQ832</u>
Facility ID $= 39000216$	St. Plane ft. N,	ft, E. S/C/N	
Type of Well	Section Location of Waste/Sour	11	m m d d y y y y
Well Code <u>[]</u> MW	Location of Well Relative to Wa		Tony Kapugi
Distance from Waste/ Enf. Stds. Sourceft. Apply		Sidegradient	Onsite Environmental
	0.1.19 _ ft. MSL	1. Cap and lock?	🛛 Yes 🗆 No
B. Well casing, top elevation] <u> </u>	2. Protective cover a. Inside diameter	
C. Land surface elevation 98	7.96_ ft. MSL	b. Length:	f.
1	SL or ft.	c. Material:	Steel 📉 04
12. USCS classification of soil near scree	1 K 2 3 7 4 4	d. Additional pr	otection? □ Yes ☑ No
GP GM GC GW G	sw□ sp 🛣 🔪 📗	If yes, descrit	
SM SC ML MH		3, Surface scal:	Bentonite 🗆 30
	Yes 🗷 No	Native	Concrete D 01
	tary 1 50		Other 🕱 📗
Hollow Stem A		833	Bentenite 🗖 3.0
<u>Cheoprobe</u> c	Other 🛛 💭	#40 5an	
15. Drilling fiuid used: Water □ 0 2	Air 🗆 01	5. Annular space se	
	None X 99		mud weight Bentonite-sand slurry 2 3 5 mud weight Bentonite slurry 2 3 1
16 Dulling additions up 42			nite
16. Drilling additives used?	Yes K No		³ volume added for any of the above
Describe		f. How installed	
17. Source of water (attach analysis, if requ	uired):		Tremie pumped \square 02 Gravity 🖄 08
NA	📓	6. Bentonite seal:	a. Bentonite granules 🔲 33
		b. □1/4 in. 🖄	$(3/8 \text{ in.} \Box 1/2 \text{ in.} Bentonite chips (A) 3 2$
E. Bentonite seal, topft. MS	.L. orIL	c	Other 🗆 👾
F. Fine sand, top ft. MS	SL or ft.	7. Fine sand materi	al: Manufacturer, product name & mesh size
G. Filter pack, top 982.14 ft. MS	iL or ft.	b. Volume adde	dft ³
H. Screen joint, top 980 . 14 _ ft. MS		8. Filter pack mater	rial: Manufacturer, product name & mesh size
H. Screen joint, top $1 \underline{D} \underline{Q} \underline{e} \underline{I} \underline{I}$ ft. MS	L or II.	a. #40	d ft ³
I. Well bottom 970.14 ft MS	Lorft.	b. Volume adde 9. Well casing:	Flush threaded PVC schedule 40 \swarrow 2.3
		×	Flush threaded PVC schedule 80 🔲 24
J. Filter pack, bottom ft. MS			PVC Other D
K. Borehole, bottom 967.96 ft. MS	L or ft.	 a. Screen type: 	Factory cut 🗹 11
L. Borehole, diameter <u>2.4</u> in,		×	Continuous slot 🗇 01
M. O.D. well casing 12^{-1} in.		b. Manufacturer c. Slot size:	Mono flex 0.010 in.
		c. Slot size: d. Slotted lengt	
N. I.D. well casing $\int \frac{1}{2} \frac{d}{d}$ in.		11, Backfill material	(below filter pack): None 🛱 1 4
I hereby certify that the information on this	form is true and correct to the be	st of my knowledge.	
Signature A.I.A.	/) / Firm		
- Milliael /	Parter WEA	VH)	

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

State of Wisconsin Department of Natural Resources		MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98
Route to: Watershed/Wastewa	ter	Waste Management
Remediation/Redeve	lopment	Other [
Facility/Project Name C	ounty Name	N'AR'OVETTE Well Name PSNT 08 (Site 10)
Facility License, Permit or Monitoring Number C	Sounty Code	Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry?	🗆 No	11. Depth to Water (from top of a 11.55_{ft} 11.52_{ft}
 2. Well development method surged with bailer and pumped 61 surged with block and bailed 42 surged with block and pumped 62 surged with block, bailed and pumped 70 compressed air 20 bailed only 10 pumped only 51 pumped slowly 50 Other 3. Time spent developing well 	min.	(from top of well casing) Date $b \underbrace{O 7}_{m m} \underbrace{2 6}_{d} \underbrace{2 0}_{y y} \underbrace{Q 7}_{m m} \underbrace{2 6}_{d} \underbrace{2 0}_{y y} \underbrace{Q 7}_{m m} \underbrace{2 6}_{d} \underbrace{2 0}_{y y} \underbrace{Q 7}_{y y} \underbrace{Q 7}_{m m} \underbrace{2 6}_{d} \underbrace{2 0}_{y y} \underbrace{Q 7}_{y y} \underbrace{Q 7}_{m m} \underbrace{2 6}_{d} \underbrace{2 0}_{y y} \underbrace{Q 7}_{y y} \underbrace{Q 7}_{m m} \underbrace{2 6}_{d} \underbrace{2 0}_{y y} \underbrace{Q 7}_{y y} \underbrace{Q 7}_{m m} \underbrace{2 6}_{d} \underbrace{2 0}_{y y} \underbrace{Q 7}_{y y} \underbrace{Q 7}_{m m} \underbrace{2 6}_{d} \underbrace{2 0}_{y y} \underbrace{Q 7}_{y y} \underbrace{Q 7}_{m m} \underbrace{2 6}_{d} \underbrace{2 0}_{y y} \underbrace{Q 7}_{y y} \underbrace{Q 7}_{p m} \underbrace{2 6}_{d} \underbrace{2 0}_{y y} \underbrace{Q 7}_{y y} \underbrace{Q 7}_{p m} \underbrace{2 6}_{d} \underbrace{2 0}_{p m} 2$
 4. Depth of well (from top of well casisng) _ 20. 5. Inside diameter of well _ 1.0. 6. Volume of water in filter pack and well casing _ 0. 	in. 3_ gal.	Fill in if drilling fluids were used and well is at solid waste facility:
 7. Volume of water removed from wellQ. 8. Volume of water added (if any)Q. 9. Source of water addedNA 		14. Total suspended mg/l mg/l solids mg/l mg/l 15. COD mg/l mg/l
10. Analysis performed on water added? (If yes, attach results)	□ No	16. Well developed by: Name (first, last) and Firm First Name: Peter Last Name: Chase Firm: WGNHS
17. Additional comments on development: DTB pre-develop =	18.9	

Name and Address of Facility Contact /Owner/Responsible Party First Last Last Name: Parter	I hereby certify that the above information is true and correct to the best of my knowledge.		
Facility/Firm: WGNHS	_ Signature: Michael I. Pasta		
Street:	_ Print Name: Mike Parsen		
City/State/Zip:	- Firm: WGNHS		

	Watershed/Wastewater 🗌 🦳 Waste M	Management	MONITORING WELL CONSTRUC Form 4400-113A Rev. 7-98	CTION
Facility/Project Name	Remediation/Redevelopment Other		117 11 BT	
Cantand Could had chalu	Local Grid Location of Well	ft. □ E.	Well Name PSNT09 (Site	10)
Central Sand Catel Study Facility License, Permit or Monitoring No.		nW.	13/01/01/01/12	10
	Local Grid Origin (estimated:)			No:
WANHS	Lat, 43, 98088 Long80	<u>1.55748</u>		
Facility ID	St. Plane ft. N,	ft, E, S/C/N	Date Well Installed 711 8120	18
WID = 39000217	Section Location of Waste/Source		mmddyy	vv
Type of Well	1/4 of 1/4 of Sec, T	N.R.	Well Installed By: Name (first, last) ar	d Firm
Well Code /	Location of Well Relative to Waste/Source		- Grage Kapusi	
Distance from Waste/ Enf. Stds.	u Upgradient s Sidegrad			11
Sourceft. Apply	d 🗆 Downgradient n 🗆 Not Know	N (25 - 25 - 5)	OASITE ENVIORING	ental
	0.23 ft. MSL	 1. Cap and lock? 2. Protective cover 	🗆 Yes 🕅	No
B. Well casing, top elevation -40	10 . 13 ft. MSL			` .
		a. Inside diamete	sr:	in.
C. Land surface elevation <u>100</u> I	47_ ft. MSL	b. Length:		- II.
D. Surface seal, bottom ft. MS	SL or ft.	c. Material:	Steel	
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	×	Other 🗆	1000000
12. USCS classification of soil near screen		d. Additional pro		No
	w 🏝 sp 🛛 🔪 🚺	If yes, describ	be:	
$ SM \square SC \square ML \square MH \square C $ Bedrock \square	хосној 🕌 🔛 🔪	3. Surface scal:	Bentonite	30
			C Concrete	01
13. Sieve analysis performed?	Yes 🖄 No	1 Native	Sail Other X	
14. Drilling method used: Rot	tary 🗆 50 🛛 🕅 👹	4. Material between	n well casing and protective pipe:	·····
Hollow Stem Au	ıger □ 41	o lik	Bentonite	30
	ther 🛛 🔛	Sand #	40 Bentonite D Other 🗷	
		5. Annular space se		
15. Drilling fluid used: Water □ 0 2	Air 🗆 01		mud weight Bentonite-sand slurry	35
Drilling Mud 🗆 0 3 🖪	None 🗙 99 🛛 🞇 👹		mud weight Bentonite slurry	31
			nite Bentonite-cement grout	
16. Drilling additives used?	Yes 🖄 No		³ volume added for any of the above	50
			 Control and Control and Contr	01
Describe		f. How installed	Tremie pumped	
17. Source of water (attach analysis, if requ	nired):		Gravity	02
ALA		6. Bentonite seal:	a. Bentonite granules	
			$3/8$ in. $\Box 1/2$ in. Bentonite chips \mathbb{Z}	÷
E. Bentonite seal, top ft. MS.	Low ft 🕅 🕅	b. ш1/4 ш. д		32
E. Bentomie seat, top it MS.		/ c	Other	3838 1
F. Fine sand, top ft. MS.		7. Fine sand materi	al: Manufacturer, product name & mesl	h size
		1 .		100007
G. Filter pack, top 783,83 ft. MS.		a		12.2
G. Filter pack, top 185,03 ft. MS			dft ³	320
H. Screen joint, top <u>981.83</u> ft. MS.		8. Filter pack mater	rial: Manufacturer, product name & mes	h size
H. Screen joint, top 181.05 ft. MS		a. TILOIN	Janve	4-1
071 97 616		b. Volume adde		
I. Well bottom 971.83 _ ft MS		9. Well casing:	Flush threaded PVC schedule 40	23
			Flush threaded PVC schedule 80	24
J. Filter pack, bottomft. MS	L or fl.	<	Other	
K. Borehole, bottom 967.47 ft. MS	Lorft_	 Screen material: a. Screen type: 	Factory cut	11
		a. Geneen type:	Continuous slot	11
L. Borehole, diameter <u>2.4</u> in.		-	Other 🗆	01
10	1	b. Manufacturer	Monoflex	
M. O.D. well casing $\int \frac{2}{\sqrt{2}}$ in.	1	c. Slot size:	0.01	Q in.
		d. Slotted length		<u>]</u> ft.
N. I.D. well casing $\int d Q_{-in}$.		11. Backfill material		
				(1992)
I hereby certify that the information on this	form is true and correct to the best of my !	knowledge.		
Signature 11 1 C	1 / Firm	NA ALIVER MICH		
ANDINI (1)	ader UGNHS			
- vytenaer V P				

MONITORING WELL DEVELOPMENT

pepartition of Manual Resolution	Form 4400-113B Rev. /-98
Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopment	Ciher
Facility/Project Name County N	MARQUETTE BONT 09 (Site 10)
Facility License, Permit or Monitoring Number County C 39	ode Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry? Yes N 2. Well development method 41 surged with bailer and bailed 41 surged with bailer and pumped 61 surged with block and bailed 42 surged with block and bailed 62 surged with block, bailed and pumped 62 surged with block, bailed and pumped 70 compressed air 20 bailed only 10 pumped only 51 pumped slowly 50 Other	$\begin{array}{c c} & \begin{array}{c} & \end{array} \\ \hline \end{array} $ \\ \hline \end{array} \\ \hline \\ \hline \end{array} \\ \hline \\ \hline \end{array} \\ \hline \end{array} \\ \hline \end{array} \\ \hline \\ \hline \end{array} \\ \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \\
3. Time spent developing well $\underline{30}$ min. 4. Depth of well (from top of well casisng) $\underline{32.3}$ ft. 5. Inside diameter of well $\underline{1.0}$ in.	(Describe) Opagve Brown Brown Alod. Turbidity
6. Volume of water in filter pack and well 0.3 gal.	Fill in if drilling fluids were used and well is at solid waste facility:
7. Volume of water removed from well $- \downarrow Q$, Q gal.	14. Total suspended mg/l
8. Volume of water added (if any) $- \underline{O} \underbrace{O}_{\text{gal.}}$	solids
9. Source of water addedNA	15. COD mg/l mg/l 16. Well developed by: Name (first, last) and Firm
10. Analysis performed on water added? I Yes N (If yes, attach results)	

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Last Last Name: Parlen	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Finn: WGNHS	Signature: Michael Place
Street:	Print Name: Mike Parsen
City/State/Zip:	Firm: WGNHS

	Watershed/Wastewater Remediation/Redevelopment	Waste Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name Central Sands Catel Study	Remediation/Redevelopment	Nn. 🗠.	Well Name PSNT 10 (Site 10)
Facility License, Permit or Monitoring No	Local Grid Origin 🔲 (estima	ated: 🗋) or Well Location 🗆	V A DIA I
WENHS Facility ID	Lat. <u>H3</u> . 984991		
W10 = 70002308	St. Plane ft. N Section Location of Waste/Sou	,ft. E. S/C/N	<u>mm/dd/xxxxx</u>
Type of Well	and the second sec	,TN,RU	Well Installed By: Name (first, last) and Firm
Well Code / M/W	Location of Well Relative to W	aste/Source Gov. Lot Number	- Orage Kapver
Distance from Waste/ Enf. Stds. Sourceft. Apply	d 🗆 Downgradient n 🗆		Onsife Environ Mental
	2.65 ft. MSL	1. Cap and lock?	X Yes 🗆 No
B. Well casing, top elevation 102	5. 10 ft. MSL	2. Protective cover a. Inside diamet	H
C. Land surface elevation 102	3 . 3 fr. MSL	b. Length:	, D_ ft.
	Statistics and	c. Material:	Steel St 04
	SL or ft.		Other
12. USCS classification of soil near scree GP GM GC GW GW G	sw□ sp 🕱	d. Additional pr	otection?
	СГ СН 🗍 🛛 🕌		Bentonite 🗆 30
Bedrock		3. Surface scal:	
	Yes X No	N_Native	
*	otary 0 50	4. Material betwee	n well casing and protective pipe:
Hollow Stem A	uger 🗆 4 i Dther 🔀 🔜	Sand	Bentonite 🗆 3 0 Other 🗷
		5. Annular space s	
15. Drilling fiuid used: Water 🗆 0 2	Air 🗆 01	b Lbs/gal	mud weight Bentonite-sand slurry 35
Drilling Mud 🗆 0 3	None 🛛 99	cLbs/gal	mud weight Bentonite slurry 🛛 31
16. Drilling additives used?	Yes X No		nite Bentonite-cement grout 5 0
		600	³ volume added for any of the above 1. Tremie 0 1
Describe	1000	f. How installe	Tremie pumped \Box 0.2
17. Source of water (attach analysis, if req	uired):		Gravity 🖄 08
NA	📖	6. Bentonite seal:	
E. Bentonite seal, topft. M	STor ft	b. ⊔1/4 in. k	$(3/8 \text{ in.} \Box 1/2 \text{ in.} Bentonite chips (3.2)$
		C	Other 🗆 🎆
F. Fine sand, top ft. M.	SL or ft.	7. Fine sand mater	ial: Manufacturer, product name & mesh size
G. Filter pack, top 981 50 ft. M	SL or ft.	b. Volume adde	
H. Screen joint, top 979.50 ft. M		8. Filter pack mate	rial: Manufacturer, product name & mesh size
H. Screen joint, top 2^{10} ft. M	sL or II.	a <u>FFUO/1</u> h Volume add	Jahre
I. Well bottom 969,50 ft. M	SL or ft.	9, Well casing:	Flush threaded PVC schedule 40 🗶 23
			Flush threaded PVC schedule 80 🔲 24
J. Filter pack, bottomft. M!	SL or ft.		Other
K. Borehole, bottom 968.13_ ft. M	SLot B.	10. Screen material	
		 a. Screen type: 	Factory cut \square 1 1 Continuous slot \square 0 1
L. Borehole, diameter 2-4 in.			
		b. Manufacture	
M. O.D. well casing 1.2 in.		c. Slot size:	0. Q/Q in.
N. I.D. well casing in.		d. Slotted lengt	
N. I.D. well casing $- \underbrace{L_1 \underbrace{Q}}_{in}$ in.		II, Backfill materia	l (below filter pack): None 🖾 1 4 Other 🗆
I hereby certify that the information on thi	s form is true and correct to the l	ocst of my knowledge.	
Signature AAI I T	Firm , [l. det	
WILLIAM IL PO	der N	GNHS	

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Department of Natural Resources	Form 4400-113B Rev. 7-98
Route to: Watershed/Wastewater	Wasie Management
Remediation/Redevelopme	nt Other
Facility/Project Name County	Name Well Name Poart and Col
	Wanshara PSNTIO (Site ID
Facility License, Permit or Monitoring Number County	
1. Can this well be purged dry? Image: Yes	No 11. Depth to Water Before Development After Development
0 Well development with a d	(from top of $a_{\pm} = 50.2 \text{ ft.} = 50.19 \text{ ft.}$
2. Well development method	(non top of $a_{-} - 2 - 2 - 1$ a. $- 2 - 2 - 2 - 1$ a.
surged with bailer and bailed 4 1	
surged with bailer and pumped [] 6 1 surged with block and bailed [] 4 2	Date 10712512018 0712512018
-	Date $b.0.7/2.5/2.0.18/0.7/2.5/2018/0.5$
surged with block and pumped $\mathbf{X} = 62$ surged with block, bailed and pumped $\Box = 70$	
compressed air $\Box 20$	Time $c_{} = \frac{1}{00} \frac{a.m.}{p.m.} = \frac{1}{20} \frac{3}{0} \frac{a.m.}{p.m.}$
bailed only $\square 10$	
pumped only	12. Sediment in well <u>10 inches</u> <u>0</u> inches
pumped slowly	bottom
Other □	13. Water clarity Clear 1 0 Clear 20 Turbid 1 5 Turbid 2 5
3. Time spent developing well	(Describe) (Describe)
4. Depth of well (from top of well casisng) $-56.2_{\rm ft}$.	Opaque Slight turbidity
5. Inside diameter of well -1.0 in.	
6. Volume of water in filter pack and well ga	I. Fill in if drilling fluids were used and well is at solid waste facility:
7. Volume of water removed from well $\underline{1000}$ gal	14. Total suspended mg/l mg/l
8. Volume of water added (if any) $\underline{Q} \cdot \underline{Q} \cdot \underline{Q}$ gal	solids
9. Source of water added	15. COD mg/l mg/l
	- 16. Well developed by: Name (first, last) and Firm
10. Analysis performed on water added?	
(If yes, attach results)	The This Mane, Popper Last Mane, Most
(,,,,,,,	Firm: WGNHS
17. Additional comments on development:	
DTB pre-develop = 5(e.)	
DTB pre-develop = 5(e.l stick up 2.3)	
Name and Address of Facility Contact /Owner/Responsible Party	
First Name: Mile Last Name: Palan	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: WGNHS	Signature: Michael J. Paller
Street:	Print Name: Mike Parsen
City/State/Zip:	Firm: VGNAIS

		te Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
P	Remediation/Redevelopment Othe	er 🔲	here as a second s
Facility/Project Name Central Sandr Lakel Study	Local Grid Location of Well	ft. 🛛 🖳	Well Name PSNT 11 (Sik 10)
Facility License, Permit or Monitoring No.	Local Grid Origin [] (estimated: []		Wis. Unique Well No. DNR Well ID No.
WGNHS Facility ID	Lat. 43,98858 Long		Date Well Installed
WID= 70002309	St. Planc ft. N, Section Location of Waste/Source	ft. E. S/C/N	mm d d y y y y
Type of Well	1/4 of 1/4 of Sec, T	$N, R, \Box W$	
Well Code 1 / MW	Location of Well Relative to Waste/So	ource Gov. Lot Number	- Gaze Kapuzi
Distance from Waste/ Enf. Stds. Sourceft. Apply	u 🗆 Upgradient s 🗆 Sideg d 🔲 Downgradient n 🗖 Not K	nown	UNSILE ENVIRONMENTAL
	9.13_ft. MSL	1. Cap and lock?	fish wort Yes I No
21 I	4, 49, ft. MSL	2. Protective cover a. Inside diamete	pipe: , chile(
C. Land surface elevation $-\frac{284}{2}$	3_ft.MSL	b. Length:	1.5 ft.
D. Surface seal, bottom ft. MS	Lor ft.	c. Material:	Jush Mout Steel 1 04
12. USCS classification of soil near screer		d. Additional pro	
		If yes, describ	e:
SM SC ML MH C Bedrock	и сн	3, Surface scal:	Bentonite D 30
13. Sieve analysis performed?	Yes DKNo	\mathbf{X}	Concrete 🗹 01 Other 🗆
14. Drilling method used: Rot	ary 🗆 50	4. Material Ectwcen	well casing and protective pipe:
Hollow Stem Au		< 1	Bentonite 🗆 30
<u>Creaprobe</u> or	ther 🛛 💭	Jand	Other 🗷
15. Drilling fluid used: Water 🗆 0 2	Air 🗆 01	5. Annular space se	al: a. Granular/Chipped Bentonite 📈 33 nud weight Bentonite-sand slurry 🗔 35
	None 🕰 99		nud weight Bentonite slurry [] 31
16. Drilling additives used?	Yes 🕅 No	d % Bentor	ite Bentonite-cement grout 🗆 50
			volume added for any of the above Tremie 0 1
Describe		f. How installed	$\frac{1}{2}$
17. Source of water (attach analysis, if requ	ired):		Gravity 🗷 08
NA	📓 🕅	6. Bentonite seal:	a. Bentonite granules 🔲 33
E. Bentonite seal, topft. MSI	L orft.	b. 11/4 in. X	3/8 in. □ 1/2 in. Bentonite chips 12. 3 2. Other □ □
F. Fine sand, top ft. MSI	Lorft.	7. Fine sand materia	al: Manufacturer, product name & mesh size
G. Filter pack, top 984.59 ft. MSI		a	1ft ³
			ial: Manufacturer, product name & mesh size
H. Screen joint, top 982	L or ft.	a. 440	
I. Well bottom 972.59 ft. MSJ		b. Volume addee	
		9. Well casing:	Flush threaded PVC schedule 40 🕱 23 Flush threaded PVC schedule 80 🗆 24
J. Filter pack, bottomft. MSI	L orft.	<	Other 🗆 🛄
K. Borehole, bottom 969.13_ ft. MSI	L or fl.	 Screen material: a. Screen type: 	Factory cut 1 1
L. Borehole, diameter 2.4 in.			Continuous slot 🗆 01 Other 🗆
,		b. Manufacturer	Monoflex
M. O.D. well casing 1.2 in.		c. Slot size: d. Slotted length	0. <u>0.1</u> 2 in. ft.
N. I.D. well casing $1 \downarrow 0_{in}$.		11, Backfill material	
I hereby certify that the information on this		ny knowledge.	
Signature Michael [Pa	fer Firm WGNH	ß	

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

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Route to: Watershed/Wastewater	Waste Management
Remediation/Redevelopment	Other
Facility/Project Name County Na	Wanghara PSNT. II (Site 10)
Facility License, Permit or Monitoring Number County Co	
1. Can this well be purged dry?	11 Depth to Water
2. Well development method surged with bailer and bailed surged with bailer and pumped 6 1	(from top of a3 $\mathcal{T} \mathcal{D}_{\text{ft.}}$ 3 $\mathcal{T} \mathcal{D}_{\text{ft.}}$ well casing)
surged with block and bailedImage: Image: Image	Date $b \underbrace{O7}_{m m} \underbrace{25}_{d d} \underbrace{2018}_{y y y y} \underbrace{O7}_{m m} \underbrace{125}_{d d} \underbrace{2018}_{y y y y}$ Time $c \underbrace{11}_{0} \underbrace{O}_{p m} \underbrace{2018}_{p m} \underbrace{O7}_{m m} \underbrace{125}_{d d} \underbrace{2018}_{y y y y}$
compressed air□20bailed only□10pumped only□51pumped slowly□50	Time c. 12 0 0 0 0 0 0 0 0 0 0
Other	13. Water clarity Clear □ 10 Clear ⊠ 20 Turbid ☑ 15 Turbid □ 25 (Describe) (Describe) (Describe)
3. Time spent developing well -40 min. 4. Depth of well (from top of well casisng) -12 ft.	Qpaque Rack groy-Brawn
5. Inside diameter of well $- \downarrow . Q$ _ in.	
6. Volume of water in filter pack and well casing 0.3 gal.	Fill in if drilling fluids were used and well is at solid waste facility:
7. Volume of water removed from well -15.0 gal.	14. Total suspended mg/l mg/l
8. Volume of water added (if any) $\underline{O}, \underline{O}$ gal.	solids
9. Source of water added NR	15. COD mg/l mg/l
10. Analysis performed on water added?	16. Well developed by: Name (first, last) and Firm First Name: Peter Last Name: Chase Firm: WG2NH5

17. Additional comments on development: DTB pre-develop=11.8

I hereby certify that the above information is true and correct to the best of my knowledge.
_ Signature: Mithod I. Jakes
Print Name: Mike Parsen
- Firm: WGNHS

	Vatershed/Wastewater	Waste Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name	Remediation/Redevelopment		Well Name On which (C)
Central Sands Lakel Study	r H	Nft. 🛛 E. Sft. 🗋 W.	FSNT 14 (Site ID)
Facility License, Permit or Monitoring No.	Local Grid Origin 🔲 (estimat	ted:) or Well Location	Wis. Unique Well No. DNR Well ID No.
WGNHS	Lat. 43.98806L		
Facility ID $=$ 70002310	St. Plane ft. N,	ft. E. S/C/N	Date Well Installed 0712512018
Type of Well	Section Location of Waste/Sour		Well Installed By: Name (first, last) and Firm
Well Code N/MW	1/4 of 1/4 of Sec		Crage Kapigi
Distance from Waste/ Enf. Stds.	Location of Well Relative to Wa u Upgradient s	aste/Source Gov. Lot Number Sidegradient	
Sourceft. Apply	d 🗆 Downgradient n 🗆		Onsite Environmental
A. Protective pipe, top elevation _996	. 61 _ ft. MSL	1. Cap and lock? 2. Protective cover	Yes 🗆 No
B. Well casing, top elevation	of ft. MSL	a. Inside diamete	
C. Land surface elevation 993	95 ft. MSL	b. Length:	ft.
, v	100 Contraction	c. Material:	Steel 🗹 04
	SL or ft.		Other 🗆 🔬
12. USCS classification of soil near screen		d. Additional pro	•
	W D SP ZA	If yes, describ	
Bedrock		3. Surface scal:	Bentonite 🗆 30
13. Sieve analysis performed?	res 🕅 No	Sand	Concrete 0 01
14. Drilling method used: Rot	699		n well casing and protective pipe:
Hollow Stem Au	000	8000	Bentonite \Box 30
	ther 🛛 🔛	_Sand	Other 🖾
		5. Annular space se	eal: a. Granular/Chipped Bentonite 🕅 3 3
	Air 🗆 01		mud weight Bentonite-sand slurry 35
Drilling Mud 🗆 0 3 M	Ione 🛠 99	cLbs/gal	mud weight Bentonite slurry D 31
16. Drilling additives used?	res DX No		nite Bentonite-cement grout 🗆 50
			³ volume added for any of the above
Describe		f. How installed	·
17. Source of water (attach analysis, if requ	ired):		Tremie pumped 🛛 02 Gravity 🖄 08
NA		6. Bentonite seal:	a. Bentonite granules [] 33
			$(3/8 \text{ in.} \Box 1/2 \text{ in.} Bentonite chips X 3 2$
E. Bentonite seal, topft. MS	L orft.	/ c	Other
F. Fine sand, top ft. MS	L or ft.	7. Fine sand materi	ial: Manufacturer, product name & mesh size
G. Filter pack, top 985-67 ft. MS	Lorft	a h. Volume adde	dft ³
			rial: Manufacturer, product name & mesh size
H. Screen joint, top 783. (.) T ft. MS	L or ft.	A HUGIN	
		b. Volume adde	dft ³
I. Well boutom 973.67_ft. MS	L or ft.	9, Well casing:	Flush threaded PVC schedule 40 🛛 23 Flush threaded PVC schedule 80 🔲 24
J. Filter pack, bottomft. MS	L or ft.		Other 🗆 🚛
K. Borehole, bottom 973 95 ft. MS	L or ft.	10. Screen material: a. Screen type:	Factory cut 11
L. Borehole, diameter 2. 4 in.	PYC well alsha	A	Continuous slot [] 01 Other []
M. O.D. well casing $1 - \frac{1}{2}$ in.	PVC well pushed deeper than borehale	b. Manufacturer c. Slot size:	Monaflex 0. QIQin.
	borehole	d. Slotted lengt	h: <u>/0_</u> ft.
N. I.D. well casing $-\int \oint \partial$ in.	Concorder	11. Backfill materia	I (below filter pack): None 💆 1 4 Other 🗆
I hereby certify that the information on this	form is true and correct to the be	est of my knowledge.	
Signature	Firm PIC	ALLC	
My more Jipa	Le Wo	INHS	

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

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Debaumon of Landar Resources	Form 4400-113B Rev. 7-98
Route to: Watershed/Wastewater	Waste Management 🔤
Remediation/Redevelopment	Other
	Waushara Well Name PSNT. 1.4. (Site 10)
Facility License, Permit or Monitoring Number County Code	Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry?	11. Depth to Water
 2. Well development method surged with bailer and bailed 4 1 surged with bailer and pumped 6 1 surged with block and bailed 4 2 surged with block and pumped 8 6 2 surged with block, bailed and pumped 7 0 compressed air 2 0 bailed only 1 0 pumped only 5 1 pumped slowly 5 0 Other 3. Time spent developing well 2 3 Q min. 4. Depth of well (from top of well casisng) 2 3 Q min. 	(from top of well casing) a. -12.5% ft. -15.57 ft. Date b. $O_{m} \frac{7}{2} \frac{25}{2} \frac{20}{2} \frac{1\%}{3}$ $O_{m} \frac{7}{2} \frac{25}{2} \frac{20}{2} \frac{1\%}{3}$ m m d d y y y y $\frac{0}{m} \frac{7}{2} \frac{25}{2} \frac{20}{2} \frac{1\%}{3}$ Time c. $10 \frac{10}{2} \frac{10}{2$
 6. Volume of water in filter pack and well casing	Fill in if drilling fluids were used and well is at solid waste facility: 14. Total suspended mg/l mg/l solids
9. Source of water added	15. COD mg/l mg/l 16. Well developed by: Name (first, last) and Firm
10. Analysis performed on water added? Q Yes No (If yes, attach results)	First Name: Peter Last Name: Chase Firm: WGNHS

17. Additional comments on development:

DTB pre-develop=22.6

Name and Address of Facility Contact /Owner/Responsible Party First Name: Mile Name: Packen	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: WGNHS	_ Signature: Mithight F. Parter
Street:	Print Name: Mike Pasen
City/State/Zip:	- Firm: UGNHS

	Watershed/Wastewater	Waste Ma	nagement	MONITORING WE	LL CONSTRUC Rev. 7-98	TION
	Remediation/Redevelopm	ent Other		Potini ++00-1152x	NGY, 7-30	
Facility/Project Name Operful Sand Lakel Avy	Remediation/Redevelopm Local Grid Location of V	Well _n_ □ N. _S	ft. 🗆 E.	Well Name PSNT	15 / Site 1	(Q)
Facility License, Permit or Monitoring No. WGNHS	Local Grid Origin [] (Lat. 43.98213	estimated: 🗌) o	r. Well Location	Wis. Unique Well No	DNR Well ID	
Facility ID	St. Plane			Date Well Installed	1261201	-
WID= 39000218	Section Location of Was	te/Source				-0-
Type of Well	Sector 1	f Sec, T	N, R.	Well Installed By: N	ame (first, last) an	
Well Code <u>VI / MW</u> Distance from Waste/ Enf. Stds.	Location of Well Relativ	e to Waste/Source	Gov. Lot Number	Grage +	aproj	11
Sourceft. Apply	u 🗆 Upgradient d 🗆 Downgradient	s 🗌 Sidegradien n 🔲 Not Known		onsite	ENVIORM	erta
A. Protective pipe, top elevation _ 1028	1.24_ ft. MSL		1. Cap and lock?		🖄 Yes 🗆	No
B. Well casing, top elevation 1028	3.30 ft. MSL		2. Protective cover ; a. Inside diamete	••	4	in
C. Land surface elevation	1.86 ft. MSL		b. Length:		_5	_ft.
	SL or ft.		c. Material:		Steel	04
12. USCS classification of soil near screen	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		d. Additional pro	tection?	Other D Ves D	No
	SW 🗆 SP 🔀 🔪		If yes, describ			
$\begin{array}{ c c c c c c c c } SM \square SC \square ML \square MH \square C \\ Bedrock \square \end{array}$		運転ノ、	3, Surface scal:		Bentonite	30
	Yes XNo		Native	2	Concrete D Other M	
14. Drilling method used: Rot	tary 🗆 50			well casing and protect		<u>82935</u>
Hollow Stem Au			井山の 50	1		30
<u>Creaptobe</u> o	ther 🕅 📖				Other 🛛 ped Bentonite 🕅	- 194459463
	Air 🗆 01		5. Annular space se	al: a. Oranular/Chip nud weight Bentoni	-	35
Drilling Mud 🗆 0 3 🛛 P	None 199		cLbs/gal r	nud weight Bei	ntonite slurry	31
16. Drilling additives used?	Yes X No		d % Benton eFt	ite Bentonite volume added for any	-cement grout	50
Describe			f. How installed		Tremie 🗖	01
17. Source of water (attach analysis, if requ				Tre	emie pumped 🗆 Gravity 🔀	02
NA			6. Bentonite seal:	a. Bento	mite granules	08
				3/8 in. □1/2 in. B		32
E. Bentonite seal, topft. MS	L or ft.		c		Other 🛛	
F. Fine sand, top ft. MS	L or ft.		7. Fine sand materia	al: Manufacturer, prod	uct name & mesh	ı size
G. Filter pack, top 985.80 _ ft. MS	Lorfl.		b. Volume added	i	n ³	200.000
H. Screen joint, top 983_50 _ ft. MS	Lorft.	刊刊 丶		ial: Manufacturer, prod Noutive	juct name & mesl	h size
072 40			b. Volume addee	1	ft ³	- -
I. Well bottom 973.50 ft. MS	L or ft.		9. Well casing:	Flush threaded PVC Flush threaded PVC		23
J. Filter pack, bottomft. MS	L_{j} or ft.			PYCe.	Other 🛛	
K. Borehole, bottom 972. 86 ft. MS.	Lorft.		a. Screen type:	-PYC	Factory cut	/
10. I				Co	ntinuous slot	01
L. Borehole, diameter <u>2.4</u> in.				00-01-0	Other 🗆	
M. O.D. well casing 1_{-2} in.			 b. Manufacturer c. Slot size: b. Slot size: 	_ Monoflex	0. <u>QI</u>	
N. I.D. well casing		N.,	d. Slotted length 1. Backfill material		None M	2_ft. 14
and the second				Caron mor proch	Other	
I hereby certify that the information on this	- I and	o the best of my kno	owledge.			
Signature Milland D Dale	Firm	W6NHS				

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MONITORING WELL DEVELOPMENT Form 4400-1138 Rev. 7-98

Debaumun of Mataria Manograph	Form 4400-113B Rev. /-98
Route to: Watershed/Wastewater	Waste Management 🔤
Remediation/Redevelopment	Other [
Facility/Project Name County Name	MARONETTE Well Name PSNT. 15 (Site 10)
Facility License, Permit or Monitoring Number County Code 39	Wis. Unique Well Number DNR Well ID Number
1. Can this well be purged dry? \Box Yes \Box No	11. Depth to Water
 Well development method surged with bailer and bailed □ 41 surged with bailer and pumped □ 61 	(from top of a. $\underline{H}(a, \underline{23} \text{ ft.} \underline{46}, \underline{24} \text{ ft.}$ well casing)
surged with block and bailed surged with block and pumped 52	Date $b.\frac{Q7}{m}\frac{7}{d}\frac{26}{d}\frac{20}{y}\frac{18}{y}\frac{Q7}{y}\frac{26}{z}\frac{20}{d}\frac{19}{2}$
surged with block, bailed and pumped 170 compressed air 20 bailed only 10	Time $c. L \downarrow : L \mathcal{Q} \square p.m. \downarrow \downarrow : \mathcal{U} \mathcal{Q} \square p.m.$
pumped only 1 51 pumped slowly 1 50 Other 1	12. Sediment in well inches inches bottom 10 Clear 20
3. Time spent developing well30 min.	Turbid \square 1 5Turbid \square 2 5(Describe)(Describe) $gasgas$
4. Depth of well (from top of well casisng) -54.5 ft.	opeque
5. Inside diameter of well $-\downarrow$. \bigcirc in.	
6. Volume of water in filter pack and well casing 2.3 gal.	Fill in if drilling fluids were used and well is at solid waste facility:
7. Volume of water removed from well $1000000000000000000000000000000000000$	14. Total suspended mg/l mg/l
8. Volume of water added (if any) $\underline{\qquad} \underline{\qquad} \underline{\bigcirc} \underline{\bigcirc} \underline{\bigcirc} gal.$	solids
9. Source of water added	15. COD mg/l mg/l
10. Analysis performed on water added? (If yes, attach results)	16. Well developed by: Name (first, last) and Firm First Name: Peter Last Name: Chase Firm: WGNHS

17. Additional comments on development:

I hereby certify that the above information is true and correct to the best of my knowledge.		
Signature: Mithael G. Paden		
Print Name: Mike Parsen		
Firm: WGNHS		

	Vatershed/Wastewater	Waste Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name Cew al Savel Lakes Florly	temediation/Redevelopment	N. 🗆 E.	Well Name PSNT16 (Site 10)
Facility License, Permit or Monitoring No.		ed: 🗆) or Well Location 🗖	Wis. Unique Well No. DNR Well ID No.
Facility ID Thomas 31	U, O I I I I I I I I I I I I I I I I I I	ft. E. S/C/N	Date Well Installed 7/25/29/8
Well Code 11 / MW	1/4 of1/4 of Sec, Location of Well Relative to Wa	,TN, R 🛛 W	Well Installed By: Name (first, last) and Firm
	d 🗆 Downgradient n 🗖		Onsite Environmental
A. Protective pipe, top elevation B. Well casing, top elevation 100 \$	19 _ ft. MSL	1. Cap and lock? 2. Protective cover a. Inside diamete	
	19_ ft. MSL	b. Length:	$I = \begin{bmatrix} 1 & 1 \\ 1 & 5 $
D. Surface seal, bottom ft. MS 12. USCS classification of soil near screen	Lor ft.	d. Additional pro	sh Mont Other
GP GM GC GW S SM SC ML MH C		If yes, descrit	
	res 🖄 No	3. Surface scal:	Concrete 🕅 0 1 Other 🗆
Hollow Stem Au		4. Material between	n well casing and protective pipe: Bentonite 2 30
	her 🗹 🦲	5. Annular space se	
Drilling Mud 🗆 0 3 N	Tone 🗶 99	cLbs/gal	mud weightBentonite-sand slurry 35 mud weightBentonite slurry 31 niteBentonite-cement grout 50
16. Drilling additives used?	'es 🕱 No		³ volume added for any of the above
Describe 17. Source of water (attach analysis, if required to the second	ired):		Tremie pumped D 02 Gravity 💆 08
		6. Bentonite seal: b. □1/4 in.	[3/8 in. □1/2 in. Bentonite chips 🛛 32
E. Bentonite seal, topft. MSI F. Fine sand, topft. MSI		c 7. Fine sand materi	al: Manufacturer, product name & mesh size
G. Filter pack, top 986.56ft. MSI		a	dft ³
H. Screen joint, top 984.56 ft. MSI			rial:, Manufacturer, product name & mesh size
I. Well bottom 974.56 ft MSI	_ or ft.	b. Volume adde 9. Well casing:	Flush threaded PVC schedule 40 🛛 23
J. Filter pack, bottomft. MSI	_ or ft.		PVC Other D
K. Borehole, bottom 974.92 ft. MSI	- or fl.	10. Screen material: a. Screen type:	Factory cut X 11
L. Borehole, diameter 2.4 in.		b. Manufacturer	Other 🗆 🏢
M. O.D. well casing $1 \cdot 2_{\text{in.}}$ in.		c. Slot size: d. Slotted length	0. <u>Q19</u> in.
N. I.D. well casing $\int \underline{J} \underline{O}_{-}$ in.		11. Backfill materia	I (below filter pack): None 1 4 Other Image: Second seco
I hereby certify that the information on this	Firm	f MIS	· · · · · · · · · · · · · · · · · · ·
- Mythad I rade	4 WB	1/v()	

MONITORING	WELL	DEVELOPMENT
Form 4400-113B		Rev. 7-98

Route to: Watershed/Wastewater] w	Vaste Management			
Remediation/Redevelopment Other					
Facility/Project Name County		Nghara Well Name PSNT 16 (Site 10)			
Facility License, Permit or Monitoring Number	Code Wi	is. Unique Well Number DNR Well ID Number			
2. Well development method		. Depth to Water (from top of a. 26.28 ft. 26.29 ft.			
surged with bailer and bailedImage: 41surged with bailer and pumpedImage: 61surged with block and bailedImage: 42surged with block and pumpedImage: 62		well casing) Date $b \frac{0.7}{m} \frac{12.6}{d} \frac{12.0}{y} \frac{18}{y} \frac{0.7}{y} \frac{7.12.6}{d} \frac{2.0}{y} \frac{18}{y} \frac{18}{y}$			
surged with block and pumped Image: 62 surged with block, bailed and pumped Image: 70 compressed air Image: 20 bailed only Image: 10		Time $c.Q.Q: 10 \square p.m. Q.Q: 50 \square p.m.$			
pumped only 51 pumped slowly 50 Other 5		. Sediment in well _3.0_inches _ 0.0 inches bottom . Water clarity Clear □ 10 Clear □ 20 Turbid 2 15 Turbid 2 25			
3. Time spent developing well -40 min 4. Depth of well (from top of well casisng) -34.3 ft.	•	(Describe) (Describe) Cotay Gray Opaque Slight Turbidity			
5. Inside diameter of well $\underline{1}, \underline{9}$ in		<u>-p-pe</u>			
6. Volume of water in filter pack and well g	Fill	ll in if drilling fluids were used and well is at solid waste facility:			
7. Volume of water removed from well $- \downarrow \bigcirc \bigcirc \bigcirc$ gr	1.	4. Total suspended mg/l mg/l			
8. Volume of water added (if any) $Q Q gas$		solids			
9. Source of water added	-	. Well developed by: Name (first, last) and Firm			
10. Analysis performed on water added? (If yes, attach results)		First Name: Peter Last Name: Chase Firm: WGNHS			
17. Additional comments on development:					

DTB pre-develop = 34.1

I hereby certify that the above information is true and correct to the best of my knowledge.	
Signature: M, Moel V. Partes	
Print Name: Mike Parsen	
Firm: WGNAS	