From: Karl Beaster < Karl. Beaster@enbridge.com>

Sent: Tuesday, August 09, 2016 11:05 AM

To: Stoltz, Carrie R - DNR

Subject: RE: Enbridge MP 85 site - decomissioning plan

Attachments: 160809_MP 85_Supplemental AS and Select Well Abandonment Plan_part

1.pdf

Hi Carrie – the message below got kicked back to me due to file size so I am going to split the document up into two parts. Attached is part 1.

Karl

From: Karl Beaster

Sent: Tuesday, August 09, 2016 10:55 AM

To: Stoltz, Carrie R - DNR

Subject: Enbridge MP 85 site - decomissioning plan

Hi Carrie – as previously discussed, attached is the plan for the first phase of decommissioning at the Enbridge Line 14 MP 85 Reichel Road site near Exeland, WI. This plan indicates what part of the AS system we intend to abandon as well as which peripheral monitoring wells we propose to abandon at this point in the project. Please review and let me know if you have any questions/comments. We are tentatively planning to conduct this work in late September/early October.

Thanks a lot,

Karl

Karl F. Beaster, PG

Sr. Environmental Analyst, LP US Environment Operations

ENBRIDGE

TEL: 715-398-4754 | CELL: 715-718-1040 119 N. 25th St. East, Superior, WI 54880

enbridge.com

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From: Stoltz, Carrie R - DNR [mailto:Carrie.Stoltz@wisconsin.gov]

Sent: Monday, June 06, 2016 3:33 PM

To: Karl Beaster

Subject: RE: Enbridge Status

HI Karl, glad to finally meet with you as well! I too believe the meeting was very productive and will bring the site to closure. I would like to see the site if at all possible, so when you have time, let me know. Have a great day! Carrie

We are committed to service excellence.

Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Carrie Stoltz

From: Karl Beaster [mailto:Karl.Beaster@enbridge.com]

Sent: Monday, June 06, 2016 3:25 PM

To: Stoltz, Carrie R - DNR **Subject:** RE: Enbridge Status

Hi Carrie – thanks a lot for taking the time to meet with me last week. It was great to finally connect with you and I think we had a very productive discussion regarding the MP 85 site. I've spoken with my consultant and we'll plan to email you our first stage of decommissioning plan prior to our mobilization later this summer. Coleman will actually be at the site this week performing the June sampling and O&M events. We'll see how the redevelopment goes at RW-3 as well.

Thanks again!

Karl

Karl F. Beaster, PG

Sr. Environmental Analyst, LP US Environment Operations

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TEL: 715-398-4754 | CELL: 715-718-1040 119 N. 25th St. East, Superior, WI 54880

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Technical Memorandum

To: Karl Beaster, Enbridge Energy Limited Partnership

From: Jon Aspie, P.G.

Subject: Plan to decommission supplemental air sparge system and seal select monitoring wells

Enbridge Energy MP 85 Release Site

WDNR BRRTS # 02-55-548746

Date: July 21, 2016 **Project**: 49550029.06

c: Ward Mitchell, Coleman Engineering

This memo is to provide a plan to decommision the air sparge point array for the supplemental air sparge system and to abandon select wells at the Enbridge Energy Line 14 Mile Post 85 (MP 85) site near Exeland, Wisconsin (Figure 1). The supplemental air sparge system was operated from March 2008 to March 2009, and has remained shut down since March 2009. Dissolved phase hydrocarbon concentrations have been less than detection limits at all wells in the area of the supplemental air sparge points since September of 2013, and low concentrations of benzene have occassionally been detected only at wells MW-21 and MW-27 in this area since 2008.

Decommissioning of air sparge points for the supplemental air sparge system

The supplemental air sparge system is located between the source area system and Big Weirgor Creek (Figure 2). The supplemental system consists of 3 lines of air sparge points. Lines 1 and 2 of the system are located downgradient of monitoring well MW-15 and up gradient of wells MW-17 and MW-21. Line 3 was installed further downgradient, between MW-26 and MW-29. A total of 68 sparge points were constructed similar to monitoring wells with 2 foot long screens and were constructed in compliance with NR 141 Groundwater Monitoring Well Requirements. Line 1 consists of 26 sparge points at depths ranging from 22 to 24 feet below ground surface (bgs). Line 2 consists of 27sparge points at depths ranging from 20.5 to 25 feet bgs. Line 3 consists of 15 sparge points at depths ranging from 15 to 17 feet bgs. Construction forms for each of the 68 points are attached. Manifolds and air supply lines to the sparge points were constructed at or near the ground surface.

Air supply lines and manifolds will be removed from the site and disposed at an appropriate facility. All sparge points associated with the supplemental system will be abandoned and sealed in accordance with NR 141 by a qualified contractor.

Abandonment and sealing of select monitoring wells

Seven wells located along the south/east portion of the investigation area will be abandoned and sealed in accordance with NR 141. Petroleum hydrocarbons have not been detected in samples collected from these wells, and other wells are present between these seven wells and the area where petroleum hydrocarbons are present in groundwater. These seven wells are MW-19, MW-20, MW-22, MW-23, MW-24, MW-24D, and MW-31 (Figure 2). These wells range in depth from 12 to 65 feet bgs. Well construction forms for these wells are attached.

To: Karl Beaster, Enbridge Energy Limited Partnership

From: Jon Aspie, P.G.

Subject: Plan to decommission supplemental air sparge system and seal select monitoring wells

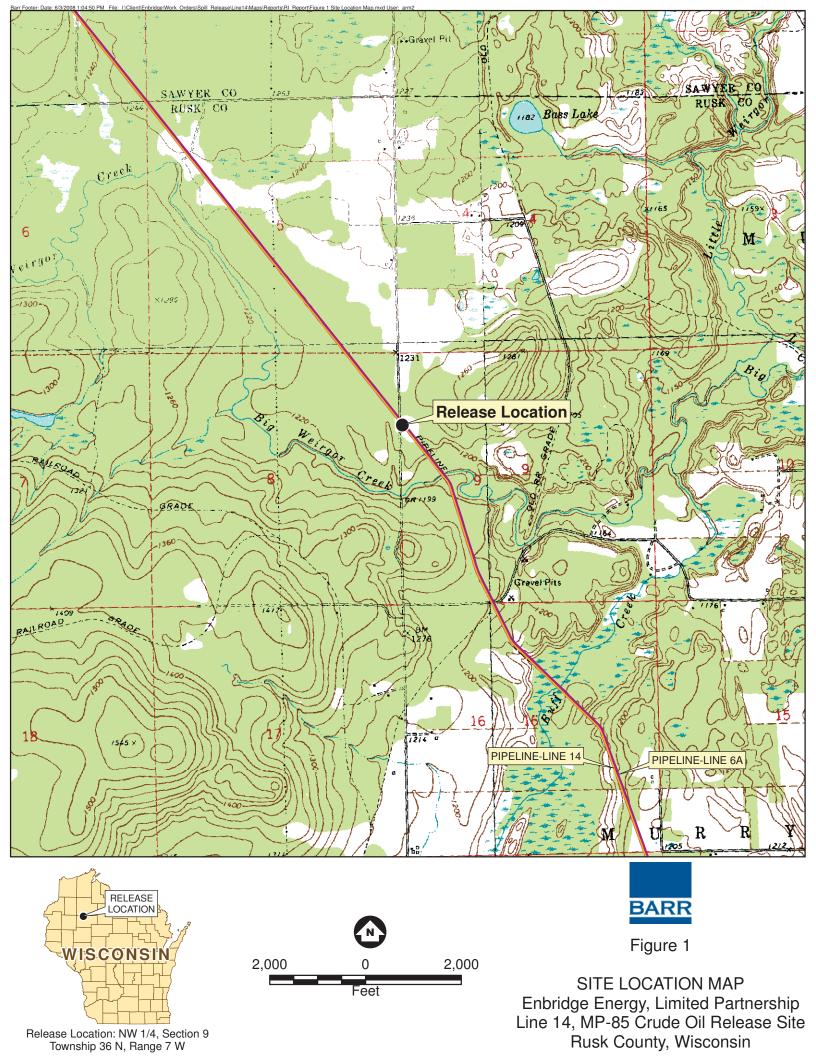
Enbridge Energy MP 85 Release Site

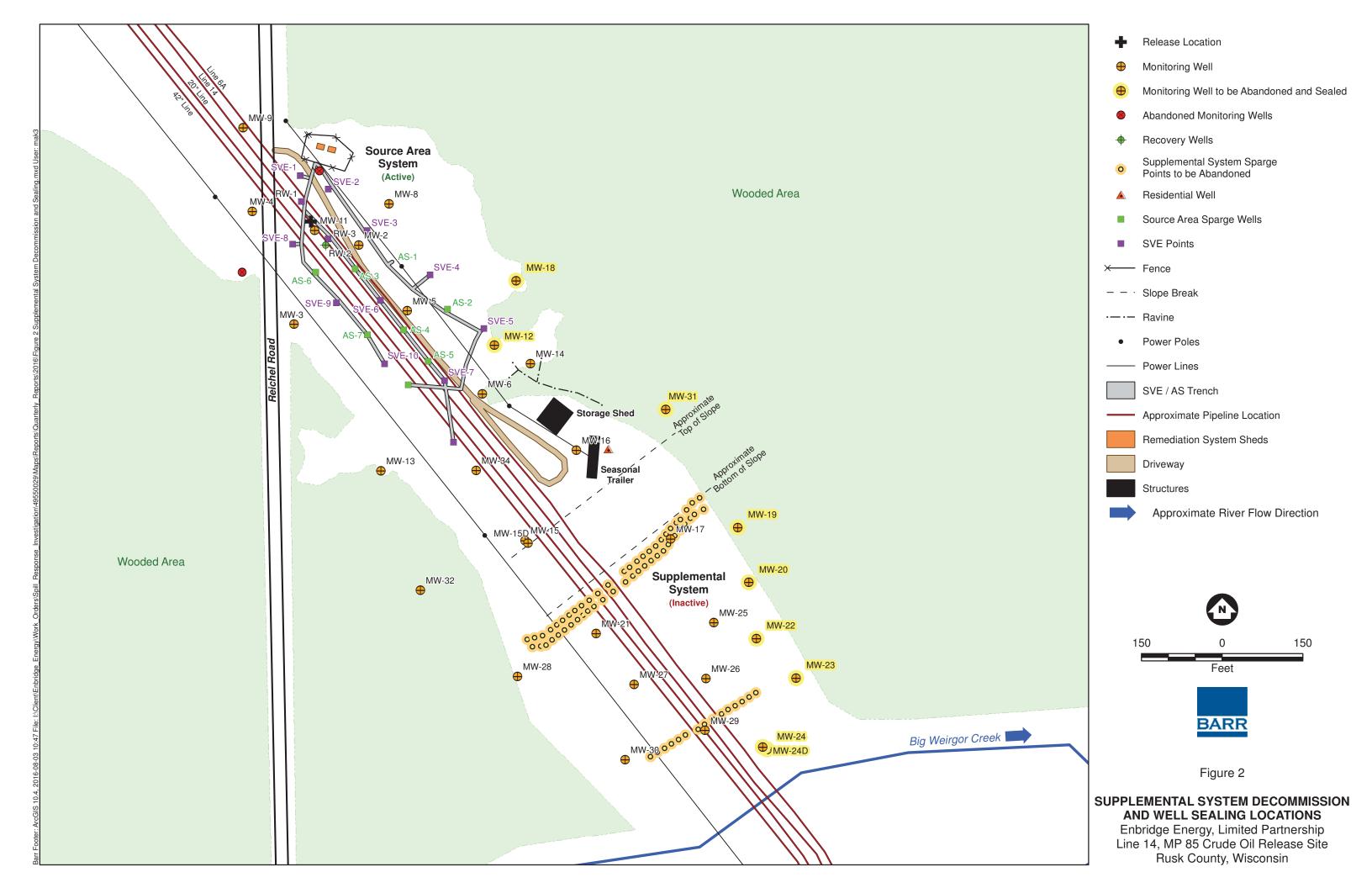
WDNR BRRTS # 02-55-548746

Date: July 21, 2016

Page: 2

Two additional wells, MW-12 and MW-18, have well casings that are broken at depths of approximately 4 to 6 feet bgs. These wells are located in an area where a thick silt layer is present at the ground surface that occasionally has perched surface water. The casings appears to have been cracked due to frost action. Hydrocarbons have not been detected in samples from MW-18 at any time. Hydrocarbon concentrations at MW-12 have been less than detection levels since March 2014. These wells will not be replaced. MW-14 is located just downgradient of MW-12 and provides monitoring coverage in this area (Figure 2).





Attachment:
Supplemental AS System Line 1 Sparge Point Construction
Forms

State of Wisconsin Department of Natural Resources Route To:	Watershed/Was	tewater edevelopment	Waste Man	nagement	MONITORING WELL Form 4400-113A	CONSTI Rev. 7-		TION
Facility/Project Name	Local Grid Locat	ion of Well	Outor D		Well Name	10111		
BARR ENGINEERING		⊕ □N.	ft.	DE.	AS-1	N		
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State of Wisconsin Department of Natural Resources Route To:	Watershed	/Wastewater	Waste Ma	anagement	MONITORING WELL	L CONSTR	UC	TION
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State of Wisconsin Department of Natural Resources		MONITORING:	WELL CONSTRUCTION
	Watershed/Wastewater ☐ Waste Mi Remediation/Redevelopment ☐ Other ☐	nagement	Rev. 7-98
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Type of Well		N. R.	(Person's Name and Firm)
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C. Land surface elevation	ft MSI	b. Length:	ft.
		c. Material:	Steel 04
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Bedrock □		. Surface seal:	Concrete 01
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I hereby certify that the information on this form is tra	e and correct to the best of my knowledge.		
Signature Land D. A.	Firm BOART LONGYEAR COM	PANY	Tel; 715-359-7090
- mile	101 ALDERSON STREET S		Fax: 715-355-5715

State of Wisconsin Department of Natural Resources Route To:	Watershed/Waste	water 🗆	Waste Management	MONITORING WELL CONSTI	RUCTION
	Remediation/Red		Other 🗆	Form 4400-113A Rev. 7-	98
Facility/Project Name	Local Grid Locatio		ПЕ	Well Name	
BARR ENGINEERING Facility License, Permit or Monitoring No.	Local Grid Origin	N.	ft. W.	AS-4N Wis. Unique Well No. DNR Well	Number
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		, /	c. Slot size:		0.010 in.
M. O.D. well casing 2.37 in.			d. Slotted length:	<u></u>	2.0 ft.
service and an experience of			11. Backfill material (
N. I.D. well casing 2.06 in.			No. of the Contract of the Con	Other	
I hereby certify that the information on this form	is true and correct to	the hest of my know	ledoe		
Signature Signature	Firm	BOART LONGYE		Tal- 715	-359-7090
John Kill			TREET SCHOELEI D WILS		255 5715

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewate	er 🗆 Waste M	anagement	MONITORING WELL CONSTI		TION
	Remediation/Redevel	opment Other		Form 4400-113A Rev. 7-	98	
Facility/Project Name	Local Grid Location of	Well	ΠE	Well Name		
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Facility License, Permit or Monitoring No.	Local Grid Origin	(estimated:) or	Well Location	Wis. Unique Well No. DNR Well	Num	aber
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Type of Well			□E	Well Installed By: (Person's Name	and I	Firm)
Well Code 62/as		4 of Sec, T		MAT WHITE		
Distance from Waste/ Enf. Stds.	Location of Well Relati u D Upgradient	ve to Waste/Source s ☐ Sidegradient	Gov. Lot Number	- watt miniz		
Source ft. Apply		n Not Known		BOART LONGYEAR E	ŁΙ	
			1. Cap and lock?	□ Ye	s 🔯	l No
A. Protective pipe, top elevation	The second second		Protective cover pi			110
B. Well casing, top elevation	2.00 ft. MSL		a. Inside diameter:			i
			b. Length:			i
C. Land surface elevation	ft. MSL		c. Material:	Stan		0 4
D. Surface seal, bottom fl. MSL	or0.0 ft.	A language	C. IVIAICITAL	Othe		distant
			d. Additional prote			
12. USCS classification of soil near screen:			d. Addidonal prote	ection?	5 M	140
	W D SP D	/ 1 1 1 /	ii yes, describe:			
SM SC ML MH C	CH CH C		Surface seal:	Bentonite		
				Concrete		
	es 🗆 No			Other		
14. Drilling method used: Rotal	y 🗆 5 0		 Material between v 	well casing and protective pipe:		8
Hollow Stem Aug				Bentonite		
MINI SONIC Othe	er 🛛 🗮 📗		Carried Control	Other	Ø	
SC Julius - Archard Management Management (1997)	8		5 Annular space seal	: a. Granular/Chipped Bentonite	П	33
15. Drilling fluid used: Water □ 0 2 A	ir 🗆 0 1			ud weight Bentonite-sand slurry		
Drilling Mud □ 0 3 Nor	e □99	₩ ₩	cLbs/gal mi			
			d% Bentoni			
16. Drilling additives used?	s 🛮 No			volume added for any of the above		30
***			f. How installed:	Tremie		0.1
Describe			i. now instance.			
17. Source of water (attach analysis, if required):			Tremie pumped		
(Gravity		
4		M M ,	Bentonite seal:	a. Bentonite granules		
				/8 in. ☐ 1/2 in. Bentonite chips		
E. Bentonite seal, top ft. MSL	or ft. \			Other		
	/		Fine sand material;	Manufacturer, product name & mes	h siz	ze
F. Fine sand, top ft. MSL	or ft. \ `		a			
350 /			b. Volume added .	ft³		
G. Filter pack, top ft. MSL	or		8. Filter pack material	: Manufacturer, product name & me	sh si	ize
			a #40 RE	D FLINT SAND & GRAVEL		
H. Screen joint, top ft. MSL	or		b. Volume added			200 000
ii. ociecii joini, top			9. Well casing:	Flush threaded PVC schedule 40	N	23
I. Well bottom ft. MSL	or24.0_ ft		7. Wen casing.	Flush threaded PVC schedule 80		
I. Well bottom ft. MSL	or n.			Other		2010/1992
2-2-0 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	250 -		- Wiles	PVC		10 7000000
J. Filter pack, bottom ft. MSL	or). Screen material: _		-	
	05.0	VIIII	 a. Screen Type: 	Factory cut		
K. Borehole, bottom ft. MSL	or25.0 ft	V/////		Continuous slot		
		< ///		Other		
L. Borehole, diameter6.0 in.		VIIIIX	b. Manufacturer	BOART LONGYEAR		
			c. Slot size:	_		10 in
M. O.D. well casing 2.37 in.			d. Slotted length:		2.	.0_ft
	£	11	. Backfill material (b	elow filter pack): None		14
N. I.D. well casing 2.06 in.		A A	- Punt D	SAND Other	\boxtimes	
III.						
I hereby certify that the information on this form	is true and correct to the	best of my knowledge		92.15		

State of Wisconsin Department of Natural Resources		_	_		
Route 1o:		edevelopment	Waste Management Other	Form 4400-113A Rev. 7	
Facility/Project Name	Local Grid Locati		ПР	Well Name	- 1100
BARR ENGINEERING		.ft. S. —	ft. □ E. □ W. □) or Well Location □	AS-6N	+
Facility License, Permit or Monitoring No.	Local Grid Origin	ı ⊠ (estimated: [) or Well Location	Wis. Unique Well No. DNR Well	Number
0	Lat	Long.	n		
Facility ID	St. Plane Section Location	ft. N,	ft. E. S/C/N	Date Well Installed 03/12/2008	
Type of Well	Section Location	or waste/Source	□E		and Firm)
ACCOUNTS OF DESCRIPTION		1/4 of Sec	, T N, R 🗆 W	/ =	
Well Code 62/as Distance from Waste/ Enf. Stds. Source Apply	u 🛘 Upgradie		gradient	MAT WHITE BOART LONGYEAR E	&ī
	The second secon	dient n 🗆 Not I	1. Cap and lock?		es 🖾 No
A. Protective pipe, top elevation B. Well casing, top elevation	2.00 ft. MSL -		2. Protective cover p	ripe:	525
b. Wen casing, top elevation	It. WISE		a. Inside diameter		in
C. Land surface elevation	ft. MSL 🔨		b. Length:		A
D. Surface seal, bottom ft. MSL	or0.0_ ft. \		c. Material;		el 🗆 04 er 🛭 🎹
12. USCS classification of soil near screen:			d. Additional prot		es 🖾 No
	VE SDE	X		;	63 EN 110
[1] [1] [2] [3] [3] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4	W SP CH CH C	M 11,	1 1	Bentonit	e 🖾 30
Bedrock □	7 3703 1		3. Surface seal:		e 🗆 01
13. Sieve analysis attached?	es 🗆 No			Othe	Date (CO.)
	ry 🗆 5 0		4 Material between	well casing and protective pipe:	
Hollow Stem Auge			4. Willelia berreul	10 1일 11 11 11 11 11 11 11 11 11 11 11 11	e 🗆 30
MINI SONIC Othe	er 🗵 🖽			Othe	
				l: a. Granular/Chipped Bentonit	
15. Drilling fluid used: Water □02 A	ir □01			a. Granular/Chipped Bentonite ud weight Bentonite-sand shurp	
Drilling Mud □ 0.3 Non			cLbs/gal m		- PERSONAL PROPERTY.
Į4			d% Benton		
16. Drilling additives used? ☐ Ye	s 🛮 No			volume added for any of the above	
			f. How installed:		e 🗆 01
Describe				Tremie pumpe	
17. Source of water (attach analysis, if required):				v 🗆 08
			6. Bentonite seal:	a. Bentonite granule	с П 33
			to 20 to 51	3/8 in. □ 1/2 in. Bentonite chips	0.000
E. Bentonite seal, top ft. MSL	or ft.		/ c	Othe	r 🛛 🚟
**************************************			7. Fine sand material	: Manufacturer, product name & me	sh size
F. Fine sand, top ft. MSL o	or ft.	1 DOG DOG /	a		2011
2 107	or		b. Volume added		nati nima
3. Filter pack, top ft. MSL o	or n.			D FLINT SAND & GRAVEL	esh size
H. Screen joint, top ft. MSL o	or22.0 ft.		b. Volume added	ft³	
	4)		9. Well casing:	Flush threaded PVC schedule 40	⊠ 23
. Well bottom ft. MSL o	or24.0 ft.			Flush threaded PVC schedule 80	
	180,800	/]		Other	
. Filter pack, bottom ft. MSL o	or25.0_ ft.		10. Screen material:	PVC	
1924 (Sender) ● 1920 (1975)		ann a	a. Screen Type:	Factory cut	I ⊠ 11
C. Borehole, bottom ft. MSL of	or25.0 ft.		1	Continuous slot	4 Name and
			and the second second second second	Other	
. Borehole, diameter6.0 in.			b. Manufacturer	BOART LONGYEAR	CHANGE SON CO.
20. a = C.1 20			c. Slot size:	9	0.010 in.
 O.D. well casing			d. Slotted length:	5 mm - 2 Marie Co. of 1 P. Common	2.0 ft.
			11. Backfill material (b		14
I. I.D. well casing				SAND Other	· 🛛 🚟
				31	10
hereby certify that the information on this form	The second second second second			- AND THE RESIDENCE OF	
Signature 1. Som	Firm	DOAKI LUNGIE			5-359-7090
John & Kirly		101 ALDERSON S	STREET SCHOFIELD, WI 54	476 Fax: 71:	5-355-5715

State of Wisconsin Department of Natural Resources Route To:		Management	MONITORING WELL CONST	
	Remediation/Redevelopment Other Other	J	Form 4400-113A Rev.	7-98
Facility/Project Name BARR ENGINEERING	Local Grid Location of Well R. S.	e DE.	Well Name AS-7N	
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated:) or	Well Location	Wis, Unique Well No. DNR We	ll Number
0	Lat° Long°	or		
Facility ID	St. Plane ft. N, Section Location of Waste/Source	ft. E. S/C/N	Date Well Installed 03/12/2008	
Type of Well		ПЕ	Wall Installed Dur (Percen's Non	e and Firm)
Well Code 62/as	1/4 of 1/4 of Sec T	N, R 🗆 W		e unu i muj
Distance from Waste/ Enf. Stds.	Location of Well Relative to Waste/Source u □ Upgradient s □ Sidegradient	Gov. Lot Number	MAT WHITE	
TE LICENTE	d □ Downgradient n □ Not Known	1	BOART LONGYEAR I	
A. Protective pipe, top elevation		-1. Cap and lock?		Yes 🛛 No
B. Well casing, top elevation	2.00 ft. MSL	 Protective cover p a. Inside diameter: 	THE STATE OF THE S	in.
C. Land surface elevation	ft. MSL \	b. Length:		ft.
D. Surface seal, bottom ft. MSL		c. Material:		eel 🗆 04
12. USCS classification of soil near screen:		d. Additional prote		rer 🛛 🔛
	W D SP D			
SM SC ML MH CI	CD CHD	3. Surface seal:	Bentoni	ite ⊠ 30
TORO BOX OF BY BY THE SEC VANT N. DOWN	s DNo	J. Surface scar.		ete 🗆 01
The state of the s	y 🗆 5 0	4 Material between a	Oth vell casing and protective pipe:	er LI Hamil
Hollow Stem Auge	er []41	7, Placollai Geliteoli		ite 🛘 30
MINI SONIC Othe	a 🛛 🕮		Oth	er 🗵 🛅
Is Delling Ship and Many Flora At	- 501	5. Annular space seal		
15. Drilling fluid used: Water □ 0 2 Ai Drilling Mud □ 0 3 None	ir 01		ud weight Bentonite-sand slur	
Draining wind 1103 1001		, 	ad weight Bentonite slur	
16. Drilling additives used? ☐ Yes	s ⊠No	d% Bentoni eFt ¹ v	te Bentonite-cement gro volume added for any of the above	at □ 50
		f. How installed:	Trem	ie 🗆 01
Describe			Tremie pumpe	d 🛛 02
17. Source of water (attach analysis, if required)	F			ty 🗆 08
		6. Bentonite seal:	a. Bentonite granule	
E. Bentonite seal, top ft. MSL o	W □ SP □ CH □ SS □ No SY □ 50 ST □ 41 ST □ 01 SE □ 99 SE ☒ No ST □ ft.	b. □ 1/4 in. □ 3 c.	/8 in. □ 1/2 in. Bentonite chip Othe	DS ⊠ 32 ET □
			Manufacturer, product name & m	
F. Fine sand, top ft. MSL o		b. Volume added .	ft³	1069
G. Filter pack, top ft. MSL o	or		: Manufacturer, product name & n	nesh size
		-	D FLINT SAND & GRAVEL	
H. Screen joint, top ft. MSL o		b. Volume added .		
I. Well bottom ft. MSL o	or24.0ft	Well casing:	Flush threaded PVC schedule 4 Flush threaded PVC schedule 8	
i. Wen bottom	· — " \			er 🗆 🕮
J. Filter pack, bottom ft. MSL o	or	0. Screen material: _	PVC	1559
	25.0	a. Screen Type:	Factory cu	
K. Borehole, bottom ft. MSL o	or		Continuous slo	er 🗆 🕮
L. Borehole, diameter6.0 in.	VIII M	b. Manufacturer	BOART LONGYEAR	
		c. Slot size:	i.	0.010 in.
M. O.D. well casing		 d. Slotted length: 1. Backfill material (b 	elow filter pack): Non	2.0 ft. e □ 14
N. I.D. well casing 2.06 in.		- Autom material (0	# 1 3 PP	
I hereby certify that the information on this form				
Signature John & Rich	Firm BOART LONGYEAR COM 101 ALDERSON STREET			5-359-7090 5-355-5715

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater	Waste Management	MONITORING WELL CONSTRUCTION
	Remediation/Redevelopment	Other 🗆	Form 4400-113A Rev. 7-98
Facility/Project Name	Local Grid Location of Well	□E.	Well Name
BARR ENGINEERING	ft. □ S. —	ft. B. ted;) or Well Location	AS-8N
Facility License, Permit or Monitoring No.	Local Grid Origin ⊠ (estima Lat	ted; []) or Well Location []	
0	Lat	Long or	
Facility ID	St. Plane ft. N,	ft. E. S/C/N	
TCW/-II	Section Location of Waste/Source		03/12/2008
Type of Well	1/4 of 1/4 of Sec.	, TN, R I	Well Installed By: (Person's Name and Firm)
Well Code 62/as	Location of Well Relative to Was	ste/Source Gov. Lot Number	MAT WHITE
Distance from Waste/ Source ft. Enf. Stds. Apply	u □ Upgradient s □ d □ Downgradient n □	Sidegradient	100
	ft, MSL	1. Cap and lock?	☐ Yes ☒ No
B. Well casing, top elevation	2.00 ft. MSL	2. Protective cover	
		b. Length:	r: in.
C. Land surface elevation	ft. MSL	c. Material:	Steel ·□ 04
D. Surface seal, bottom ft. MSL	or <u>0.0</u> ft.	Transit	Other 🖾 🚟
12. USCS classification of soil near screen:	2022	d. Additional pro	tection? ☐ Yes ☒ No
	VD SPD	If yes, describe	9:
	. D CH D \\	3. Surface seal:	Bentonite 🛛 30
Bedrock □		3. Surface sear.	Concrete 0 1
13. Sieve analysis attached? ☐ Ye	s □No		Other 🗆
14. Drilling method used: Rotar	y 🗆 5 0	4. Material between	well casing and protective pipe:
Hollow Stem Auge	r 🗆 4 1		Bentonite 30
MINI SONIC Othe	r 🛛 🔛 📗	3. Surface seal: 4. Material between 5. Annular space sea bLbs/gal n cLbs/gal n d% Benton eFt² f. How installed	Other 🛛 🗒
IS DOWN GUILLIAN WALL FROM	Пол	5. Annular space sea	al: a. Granular/Chipped Bentonite 3 3
	r 🗆 0 1	bLbs/gal n	nud weight Bentonite-sand slurry 🔲 3 5
Drilling Mud □03 None	, 199	cLbs/gal n	nud weight Bentonite slurry 🔲 3 1
16. Drilling additives used? ☐ Yes	s ⊠No	d% Benton	nite Bentonite-cement grout 🔲 5 0
10. Drining additives used;		eFt³	volume added for any of the above
Describe		f. How installed	
17. Source of water (attach analysis, if required)			Tremie pumped ☒ 02
17. Source of water (attach analysis, if required)			Gravity 🛘 08
		6. Bentonite seal:	a. Bentonite granules 3 3
		b. □1/4 in. ⊠	3/8 in. □1/2 in. Bentonite chips ☒ 3.2
E. Bentonite seal, top ft. MSL o	s No		Other D
F. Fine sand, top ft. MSL o	r ft. \	₩// "	
	200		
G. Filter pack, top ft. MSL o	r		al: Manufacturer, product name & mesh size ED FLINT SAND & GRAVEL
H. Screen joint, top ft. MSL o	r <u>22.0</u> ft.	b. Volume added	ft ³
		9. Well casing:	Flush threaded PVC schedule 40 🛛 23
I. Well bottom ft. MSL o	r24,0 ft. \		Flush threaded PVC schedule 80 24 Other
J. Filter pack, bottom ft. MSL o	25.0 ft.	10. Screen material:	PVC
s. rates pack, boxtom	IL	a. Screen Type:	Factory cut 🗵 11
K. Borehole, bottom ft. MSL o	25.0 ft.		Continuous slot 0 1
		***	Other 🗆 📖
L. Borehole, diameter6.0 in.	VIII	b. Manufacturer	BOART LONGYEAR
		c. Slot size;	
M. O.D. well casing 2.37 in.		d. Slotted length:	fi.
Paras Carastransis		11. Backfill material (
N. I.D. well casing 2.06 in.			SAND Other 🖾
I hereby certify that the information on this form	is true and correct to the heat of w	vy knowledge	
Cionatura	Eim		m
John Kich	. BUART LO	NGYEAR COMPANY RSON STREET SCHOFIELD, WI 5	Tel: 715-359-7090 4476 Fax: 715-355-5715
	101 ALDER	GON STREET SCHOPLELD, WID	Tax. /15-555-3/15

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater	Waste Management	MONITORING WELL CONSTR Form 4400-113A Rev. 7-	
Facility (Decile of Normal	Remediation/Redevelopment Local Grid Location of Well	Other	Well Name	96
Facility/Project Name BARR ENGINEERING	Local Grid Location of Well	A DE.	AS-9N	
Facility License, Permit or Monitoring No.	ft. ☐ N. Local Grid Origin ☑ (estimated:) or Well Location	Wis. Unique Well No. DNR Well	Number
0	Lat ' " Lor	ng or		
Facility ID	St. Planeft. N, Section Location of Waste/Source	ft. E. S/C/N	Date Well Installed 03/13/2008	
Type of Well		□E	Well Installed By (Person's Name a	and Firm)
FERT CONTRACTOR OF THE PARTY.	1/4 of 1/4 of Sec	, T N, R 🗆 W	West Construction and Cons	mio x min)
Well Code 62/as Distance from Waste/ Enf. Stds. Source Apply	Location of Well Relative to Waste/S u Upgradient s S	Source Gov Lot Number	WAT WHITE	
# 1 777	d ☐ Downgradient n ☐ N		BOART LONGYEAR E8	-
A. Protective pipe, top elevation	ft. MSL	1. Cap and lock?		s 🗆 No
B. Well casing, top elevation	2.00 ft. MSL	Cap and lock? Protective cover p Inside diameter:		in
C. I and another almost in	A 1/67	b. Length:		ft.
	ft, MSL	c. Material:	Steel	□ 04
D. Surface seal, bottom ft. MSL	or <u>0.0</u> ft.	Manage —	Other	SHARRES
12. USCS classification of soil near screen:	2000	d. Additional prote	ection?	s 🛛 No
	W D SP D	If yes, describe:		_
	г□ сн□ ₩ №		Bentonite	⊠ 30
Bedrock □		3. Surface seal:	Concrete	□ 01
13. Sieve analysis attached? ☐ Ye	s □No	1 \ 1 \	Other	
14. Drilling method used: Rotar	y □50	4. Material between v	well casing and protective pipe:	
Hollow Stem Auge	er 🗆 4 1	8	Bentonite	□ 30
MINI SONIC Other			Other	
	🔞 🛭	5. Annular space seal	a. Granular/Chipped Bentonite	
2	ir 🛮 0 1	bLbs/gal m	ud weight Bentonite-sand slurry	□ 35
Drilling Mud □ 0 3 Non	e □99 📓 🖁	cLbs/gal m		
16 D-Min Mithum 49	- FIN-	d% Bentoni	ite Bentonite-cement grout	□ 50
16. Drilling additives used? ☐ Ye	s 🛮 No 📗 🔛	eFt³ :	volume added for any of the above	
- 6/250 M C/0		f. How installed:	Tremie	□ 01
Describe		8	Tremie pumped	⊠ 02
17. Source of water (attach analysis, if required):		Gravity	□ 08
		6. Bentonite seal:	a. Bentonite granules	□ 33
L		/ b. □1/4 in. ⊠3	/8 in. □ 1/2 in. Bentonite chips	
E. Bentonite seal, top ft. MSL	es No ry 50 er 41 er × ir 01 ne 99 es × No): or 18.0 ft.		Other	
F. Fine sand, top ft. MSL	or ft.	7. Fine sand material:	Manufacturer, product name & mesh	h size
F. Fine sand, top ft. MSL	300		ft³	
G. Filter pack, top ft. MSL c	or	8. Filter nack material	: Manufacturer, product name & mes	sh size
o. Their pack, top	" — " \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	4/	D FLINT SAND & GRAVEL	Assettly Statistics
H. Screen joint, top ft. MSL a	or	b. Volume added		2011
in sweet joint, top		9. Well casing:	Flush threaded PVC schedule 40	⊠ 23
I. Well bottom ft. MSL o	or24.0_ ft. \	7. Well caring.	Flush threaded PVC schedule 80	
i. Well bolloin	" — " \ []		Other	36244312
J. Filter pack, bottom ft. MSL c	or	10. Screen material: _	PVC	
	VIIII	a. Screen Type:	Factory cut	☑ 11
K. Borehole, bottom ft. MSL o	or25.0 ft. \		Continuous slot	□ 01
*	\ \//\/\/		Other	
L. Borehole, diameter6.0 in.	V//////	b. Manufacturer	BOART LONGYEAR	
		c. Slot size:	10	0.010 in.
M. O.D. well casing 2.37 in.		d. Slotted length:		2.0 ft.
		11. Backfill material (b	elow filter pack): None	□ 14
N. I.D. well casing 2.06 in.		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
12				
I hereby certify that the information on this form	is true and correct to the best of my k	nowledge.		
The state of the s	Trimos	YEAR COMPANY	Tel: 715-	359-7090
Signature John Fleet		N STREET SCHOFIELD, WI 54		

	_		
Remediation/Redevelopment	Waste Management Other	Form 4400-113A Rev. 7-	
Local Grid Location of Well	ΠE	Well Name	
	f. 🗇 📆	AS-10N	
Local Grid Origin (estimated:) or Well Location	Wis. Unique Well No. DNR Well	Number
Lat Long	g	r	
St Plane ft N	AF SICA	Date Well Installed	-
Section Location of Waste/Source	11.51 07077	03/13/2008	
1 200 2		Well Installed By: (Person's Name	and Firm)
1/4 of 1/4 of Sec	, TN, RU\	MAT WHITE	
E		THE HILLIAN	
		BOART LONGYEAR E	&I
		⊠ Ye	es 🗆 No
I I WISE		The state of the s	
2.00 ft. MSL	a. Inside diamete		i
e Met .			
			1 🗆 04
or ft	N. M. S.		
	Additional pro	stection?	s 🛭 No
VI 92 II		е:	110
E CHEL	1) 100, 000010		- M 20
	3. Surface seal:		
s El No			
	100000000000000000000000000000000000000		
y 🗆 30	4. Material between	그 사람이 많아 보는 것이 되었다. 그 사람들은 사람들은 사람들은 사람들이 되었다. 그 사람들은 사람들은 사람들이 되었다.	FI 44
r 🗆 4 1			
		Other	
	5. Annular space se		
r 🗆 0 1	bLbs/gal r		
e □99	cLbs/gal r	nud weight Bentonite slurry	□ 31
. FINA	d% Benton	nite Bentonite-cement grout	□ 50
s M N0	eFt ³	volume added for any of the above	
	f. How installed	Tremie	01
		Tremie pumped	□ 02
		Gravity	□ 08
	6 Bentonite seal:	a Bentonite granules	П 33
	/ b □1/4 in ⊠		
_ 180 # 🗎 🖺	/		
" — " \	7 Fine sand materia		
. \ 🛭 🖺	/ / The stand materia	s. Mandadadi, product hand to mee	EEE
		ω3	BERE
200 - 17 17	b. Volume added		
r — 20.0 ft / 日日	8. Fitter pack materi	할 수 있다면 살 없는 것이 있는 요일이 하면 하는 사람들이 하면 하면 하는 것이 없는 것이 없는 것이 없는 것이다.	esn size
~ \	/		
r ft.			
	9. Well casing:	Flush threaded PVC schedule 40	⊠ 23
r <u>24.0</u> ft. 【目】		Flush threaded PVC schedule 80	□ 24
		Other	
r25.0 ft	10. Screen material:	PVC	
	 a. Screen Type: 	Factory cut	⊠ 11
r25.0 ft. \		Continuous slot	□ 01
		Other	
VIIIIX	b. Manufacturer	DO LEWIT ON COLUMN	
P: 1	A THE PROPERTY OF THE PROPERTY		0.010 in
9		¥	2.0 ft
		below filter pack): None	□ 14
	1 Packill malerial		
K .	11. Backini materiai (
	Local Grid Location of Well R. S. Local Grid Origin (estimated: Lat.	Remediation/Redevelopment	Remediation/Redevelopment

State of Wisconsin Department of Natural Resources Route To:			Management	MONITORING WELL Form 4400-113A	CONSTR Rev. 7-9		TION
F. Ti. 15 ' . 35	Remediation/Redeve		<u> </u>	Well Name	NGV. 7-5	70	
Facility/Project Name BARR ENGINEERING	Local Orid Location of	N. S	ft. DE.	AS-1	IN		
Facility License, Permit or Monitoring No. O	Local Grid Origin	(estimated: []) or Long.	Well Location	Wis. Unique Well No. D	NR Well 1	Vum	iber
Facility ID				Date Well Installed		-	
	St. Plane Section Location of Wa	ft. N, aste/Source	ft. E. S/C/N	03/13/20	008	-911	
Type of Well	T		. DE	Well Installed By: (Person	i's Name a	nd F	irm)
Well Code 62/as	Location of Well Relati	/4 of Sec, T	N, R. W	MAT WE	TITE		
Distance from Waste/ Source ft. Enf. Stds. Apply	u 🗆 Upgradient	s Sidegradient		BOART LONG		:I	
	ft. MSL	MINTER TO SECURITION OF THE PARTY.	- 1. Cap and lock?		⊠ Yes		No
B. Well casing, top elevation			-2. Protective cover pi	★ 125%			02
			a. Inside diameter:b. Length:		-		in
C. Land surface elevation	ft. MSL \		c. Material:		Steel		
D. Surface seal, bottom ft. MS	Lor0.0ft.		C. Material:		_ Other		10019556
12. USCS classification of soil near screen:	200		d. Additional prote		☐ Yes		No
	W SP CH CH C	11 11/	If yes, describe:	**	Bentonite	_	3 0
Bedrock 🗆			3. Surface seal:		Concrete		5 5 5 5 5
13. Sieve analysis attached?	es □No				_ Other		0.00000
14. Drilling method used: Rota	ary □ 5 0	- B B - '	4. Material between v	vell casing and protective p	Children and construction	in the second	
Hollow Stem Aug MINI SONIC Ort	ger 41				Bentonite Other		
OH	ner 🗵 🖽						
15. Drilling fluid used: Water □ 0 2	ir 🗆 0 1			a. Granular/Chipped ad weight Bentonite-sa			
Drilling Mud □ 0 3 No	ne □99		cLbs/gal mu		nite slurry		
			d% Bentoni				
16. Drilling additives used?	es 🖾 No			olume added for any of the	above		
Describe			f. How installed:		Tremie		
17. Source of water (attach analysis, if required				Tremie	e pumped Gravity		
			6. Bentonite seal:	a. Bentonite	11100111000		
				/8 in. □ 1/2 in. Benton	-		
E. Bentonite seal, top ft. MSL	or18.0_ ft. \		с		Other		
F. Fine sand, topft. MSL	or fl.		7. Fine sand material:	Manufacturer, product nar	ne & mesi	h \$12	e EEE
1			b. Volume added				
G. Filter pack, top ft. MSL	orft. \	相剧、	en ner manne na me	: Manufacturer, product na		sh si	neserance.
H. Screen joint, top ft. MSL	or22.0_ ft		a. #40 RE. b. Volume added	D FLINT SAND & GRAV	EL	-	
H. Screen joint, top ft. MSL	or n		9. Well casing:	Flush threaded PVC sch	redule 40	M	23
I. Well bottom ft. MSL	or		>:	Flush threaded PVC sch			
					Other		BONE CORRE
J. Filter pack, bottom ft. MSL	or25.0 ft		 Screen material: _ Screen Type: 	PVC	ectory cut	M	11
K. Borehole, bottom ft. MSL	or		a. Scieen Type.		uous slot		
L Dololow, Dollow		< ///		N	Other		TATISTICS OF STREET
L. Borehole, diameter6.0 in.	2	VIIIIX	b. Manufacturer	BOART LONGYEAR		0.01	0
2.27			c. Slot size;d. Slotted length;		19	2.	0 in.
M. O.D. well casing 2.37 in.		\1	Backfill material (b)	elow filter pack):	None		
N. I.D. well casing 2.06 in.		34	-	SAND	. Other		Marie Course
	S CONTRACTOR OF THE PROPERTY O						
I hereby certify that the information on this form	4 - 1.00 may						

State of Wisconsin Department of Natural Resources Route To:	Watershed	/Wastewater	Waste Man	agement	MONITORING WEL	L CONSTE	RUCT	ION
10.		on/Redevelopment		agement D	Form 4400-113A	Rev. 7-9		
Facility/Project Name	Local Grid I	ocation of Well		O.c.	Well Name			
BARR ENGINEERING		ft. 🗆 N.	ft.	□w.	AS-	-12N		
Facility License, Permit or Monitoring No.	Local Grid C	Origin 🛛 (estimated			Wis. Unique Well No.	DNR Well	Numbe	er
0	Lat°	L	ong	or				
Facility ID	St. Plane	ft. N,		ft. E. S/C/N	Date Well Installed			
75	Section Loca	tion of Waste/Source				3/2008	. 1 72	
Type of Well	1/4 0	1/4 of Sec	Т	N, R E W	Well Installed By: (Per		md Fir	m)
Well Code 62/as Distance from Waste/ Enf. Stds.	Location of	Well Relative to Waste	/Source	Gov. Lot Number	MAT	WHITE		
Course	u □ Upg d □ Dow	radient s 🗆 S ongradient n 🗆 l			BOART LON	IGYEAR E&	cI_	_
A. Protective pipe, top elevation	ft. MS	L —		Cap and lock?		⊠ Yes	5 🗆 1	No
B. Well casing, top elevation	2.00 ft, MS	L	2.	Protective cover pi				_ in
C. Land surface elevation	ft. MS	L \		b. Length:		_		_ ft
D. Surface seal, bottom ft. MSI	0.0	5.775.77A	R.VIRVI	c. Material:				ADD ADD TO
THE RESERVE OF THE PARTY OF THE	or	IL MICHIEL	16-9-95	-		Other		
12. USCS classification of soil near screen:		District !	TAKEN TON	d. Additional prote	ection?	☐ Yes		No
SM SC ML MH C	W D SP C			If yes, describe: Surface seal:		Bentonite	_ ⊠ :	3 0
Bedrock □			₩ \ 3.	Surface scar.		Concrete	- 1	mean.
13. Sieve analysis attached?	es 🗆 No					Other		
이 그의 가입하다 않으니까 그리고의 하루 안 되었다면 하셨다.	ry □ 5 0		₩ `4.	Material between v	well casing and protective	1000		
Hollow Stem Aug						Bentonite	100	CONTRACT.
MINI SONIC Other	er 🗵 🖽			1 10 10 10 10 10 10 10 10 10 10 10 10 10	500 1290 2775 to	Other	200-01-0	
15 Delling fluid used: Weter DO2 A	÷ □01		5.		: a. Granular/Chippe			
15. Drilling fluid used: Water □ 0 2 A Drilling Mud □ 0 3 Nor	ir 🗆 0 1		b.		ud weight Bentonite			
Drining Mild 103 No.	IC 1199		C.	Lbs/gal m		itonite slurry		
16. Drilling additives used? ☐ Ye	es 🖾 No		a.		te Bentonite-c		Ц 5	0
			Ø €.	How installed:	volume added for any of	Tremie		1.1
Describe		. 🔞		now installed:	Т	mie pumped	125	100
17. Source of water (attach analysis, if required	D:		₩		116	Gravity		
			8	Bentonite seal:	a. Bentor			
2477		J 👹	8 /°		/8 in. □ 1/2 in. Ber			
E. Bentonite seal, top ft. MSL	or18.0	ft.	₿ / :	с.		Other		
VIEW COMPANY		fî.	3. 4. 5. b. c. d. e. f.	Fine sand material:	Manufacturer, product		h size	
F. Fine sand, top ft. MSL	ог			b. Volume added .			_ =	
G. Filter pack, top ft. MSL	or20.0	ft.	8.1	Filter pack material	: Manufacturer, product	name & mes	sh size	F
			7 /	a#40 RE	D FLINT SAND & GRA	VEL	255	圖
H. Screen joint, top ft. MSL	or22.0	ft.	1/1	b. Volume added .	ft ³			
	24.0		9.1	Well casing:	Flush threaded PVC	schedule 40	⊠ 2	3
. Well bottom ft. MSL o	or24.0	ft \			Flush threaded PVC	schedule 80	□ 2	4
		国				Other	口童	
. Filter pack, bottom ft. MSL c	or25.0	ft.	25.4	Screen material: _	PVC	-	- 8	盟
De tot law a service	or25.0		3	a. Screen Type:		Factory cut		
S. Borehole, bottom ft. MSL o)	п			Con	tinuous slot Other	1410	esistivi.
. Borehole, diameter6.0 in.			2	b. Manufacturer	BOART LONGYEA			1000
. Dorenoie, thanneter in.			1	c. Slot size:			0.010	in.
A. O.D. well casing 2.37 in.			1	d. Slotted length:			2.0	ft.
				Backfill material (be	elow filter pack):	None		
I. I.D. well casing 2.06 in.	28.			-	SAND	Other	2012	Service .
hereby certify that the information on this form	is true and co	rect to the heet of mu.	knowladas					
Signature 1 0 0 0 0		Ciem .		ANTV		Tal. 716	250 70	000
John & D.		BOAKI LONG	GYEAR COMPA	ANY CHOFIELD, WI 544	176	Tel: 715- Fax: 715-		
	D 1 4	TOT ALDERSO	D. Consultant	Completion of the	ryse	160 201 20	2 000	10

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastev		anagement	MONITORING WELL CONSTI	
Facility/Project Name	Remediation/Rede		J	Form 4400-113A Rev. 7- Well Name	98
The Authority of State of Stat		DN.	□E.	The same of the sa	
BARR ENGINEERING Facility License, Permit or Monitoring No.	I and Grid Origin	Sft	Well Leasting	AS-13N Wis. Unique Well No. DNR Well	Manakas
				wis. Unique Well No. DINK Well	Number
Facility ID	Lat '			Data Stati Lance III. A	
Facility ID	St. Plane	ft. N,	_ft.E. S/C/N	Date Well Installed	
The second secon	Section Location of	Waste/Source		03/13/2008	
Type of Well	1/4 of	1/4 of Sec, T	NR OW	Well Installed By: (Person's Name	and Firm)
Well Code 62/as	Location of Well Re	ative to Waste/Source	Gov. Lot Number	MAT WHITE	
Distance from Waste/ Source fi. Enf. Stds. Apply	u ☐ Upgradient d ☐ Downgradie	s ☐ Sidegradient nt n ☐ Not Known	-	BOART LONGYEAR E	èI
A. Protective pipe, top elevation	ft. MSL -		 Cap and lock? 	⊠ Ye	s 🗆 No
B. Well casing, top elevation	2.00 ft. MSL -	- H	Protective cover pi a. Inside diameter:		in
C. Land surface elevation	ft. MSL. \		b. Length:		ft.
		- Contractor	c. Material:	Steel	04
D. Surface seal, bottom ft. MSL	or ft.	COLA III X MORE		Other	
12. USCS classification of soil near screen:	185	South Acoustic	d. Additional prote	ction?	s 🛛 No
GP □ GM □ GC □ GW □ SV	V D SP D	/ 11 11 /			
SM SC ML MHO CI	CH D	# 1 / /		Bentonite	⊠ 30
Bedrock			Surface seal:	Concrete	□ 01
13. Sieve analysis attached?	s 🗆 No			Other	
14. Drilling method used: Rotar	v □50		1. Material between w	vell casing and protective pipe:	
Hollow Stem Auge				Bentonite	□ 30
	r 🛛 🕮			Other	
Vertex (1987) (New York of All Property of All	5 Table 5 Table 5	₩ 5	5. Annular space seal:	a. Granular/Chipped Bentonite	□ 33
게 [] 프로시아스 가전 과 12 프랑크 전 20 전 2	r 🗆 0 1		bLbs/gal mu	id weight Bentonite-sand slurry	□ 35
Drilling Mud 03 None	2 □99		cLbs/gal mu	id weight Bentonite slurry	□ 31
16 Deilling additions pand?	s 🖾 No		d% Bentoni	The state of the s	□ 50
16. Drilling additives used?	s MINO		eFt³ v	olume added for any of the above	
Describe			f. How installed:	Tremie	□ 01
	- 110			Tremie pumped	☑ 02
17. Source of water (attach analysis, if required)	F			Gravity	□ 08
4		₩ ₩ 6	. Bentonite seal:	a. Bentonite granules	□ 33
	9		b. □ 1/4 in. □ 3/	/8 in. □ 1/2 in. Bentonite chips	
E. Bentonite seal, top ft. MSL o	or18.0 ft.		c	Other	
	,			Manufacturer, product name & mes	h size
F. Fine sand, top ft. MSL o	r ft. \		b. Volume added _	ft ³	- Billion
G. Filter pack, top ft. MSL o	20.0 ft.			: Manufacturer, product name & me	sh size
C. I mor pack, top				D FLINT SAND & GRAVEL	#ED#
H. Screen joint, top ft. MSL o	r 22.0 ft		b. Volume added		
it. Selectifoliti, top	1.	→ - / 。	. Well casing:	Flush threaded PVC schedule 40	E 22
I. Well bottom ft. MSL o	r24.0_ ft. \		. Well castilg.	Flush threaded PVC schedule 80	
1. Well bottom It. NISE 0		(
J. Filter pack, bottom ft. MSL o	r 25.0 ft	人目 "	C	PVC	1000
J. Filter pack, bottom ft. MSL o	rft. \		. Screen material: _		
75 D. I. I. I	r _ 25.0 ft \		a. Screen Type:	Factory cut	
K. Borehole, bottom ft. MSL o	rft. \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Continuous slot	NAME OF TAXABLE PARTY.
			> 1/2	BOART LONGYEAR	
L. Borehole, diameter6.0 in.			b. Manufacturer _		0.010 in.
2.27			c. Slot size:	_	2.0 m.
M. O.D. well casing 2.37 in.		\	d. Slotted length:	Jan Sharasala	2.0 ft.
2.06		11.	Backfill material (be		□ 14 □ 1868
N. I.D. well casing 2.06 in.			0	Other	
I hereby certify that the information on this form	Trans.	he best of my knowledge.			
Signature J. CO-1	1	BOART LONGYEAR COM		Tel: 715-	359-7090
John Kill		101 ALDERSON STREET S			355-5715

State of Wisconsin Department of Natural Resources Route To:	Watershed/V	Vastewater □ Was	te Management	MONITORING WELD	L CONSTE	RUCTIO
			er 🗆	Form 4400-113A	Rev. 7-9	98
Facility/Project Name	Local Grid Lo		ПЕ	Well Name		
BARR ENGINEERING		At OS.	_ft. BE.	AS-	14N	
Facility License, Permit or Monitoring No.	Local Grid Or	igin (estimated:)	or Well Location	Wis. Unique Well No.	DNR Well	Number
Facility ID	1			Date Well Installed	+	
racinty 1D	St. Plane	ft. N,	fl. E. S/C/N	03/13/	nnne	
Type of Well		on of Waste/Source	ПΕ	Well Installed By: (Pers		and Firm
Well Code 62/as		1/4 of Sec, T		MAT W		
Distance from Waste/ Enf. Stds. Apply	u 🗆 Upgra	ell Relative to Waste/Source dient s ☐ Sidegradie gradient n ☐ Not Know		BOART LONG		èI
	ft. MSL		1. Cap and lock?		⊠ Ye	s 🗆 No
	2.00 ft. MSL		Protective cover pi a. Inside diameter:	*::V20		
					7	
C. Land surface elevation	fl. MSL		b. Length:		Stool	I I 04
D. Surface seal, bottom ft. MSL	or00_ ft		C. Material.		Other	1200.00
12. USCS classification of soil near screen:	2 /2 /2		d. Additional prote	ection?		s 🖾 No
	W D SP D	/ All X/				
	L CH C				Bentonite	⊠ 3(
Bedrock □			3. Surface seal:		Concrete	
13. Sieve analysis attached?	es 🗆 No		/-		Other	
14. Drilling method used: Rotar	ry 🗆 5 0		4. Material between v	vell casing and protective	pipe;	
Hollow Stem Auge	Service Control of the Control of th			and the second of the second s	Bentonite	□ 30
	er 🛛 🚟				Other	
		l 🛭 🗎 🖳	- 5. Annular space seal	a. Granular/Chippe	d Bentonite	□ 33
	ir 🗆 0 1			ud weight Bentonite-		
Drilling Mud □ 0 3 Non	ie □99		cLbs/gal mu		onite slurry	
14 D TF 118 10 EV	E V		d% Bentoni	te Bentonite-ce	ment grout	□ 50
16. Drilling additives used? ☐ Ye	s 🖾 No			volume added for any of ti	ne above	
			f. How installed:		Tremie	0 1
Describe				Tren	nie pumped	⊠ 02
17. Source of water (attach analysis, if required	J.				Gravity	□ 08
	-		6. Bentonite seal:	a. Bentoni	ite granules	□ 33
	ACCRECIO			/8 in. □ 1/2 in. Bent		
E. Bentonite seal, top ft. MSL	or18.0	ft.		Manufacturer, product n		
F. Fine sand, top ft. MSL o	or		a b. Volume added _	ft3		
G. Filter pack, top ft. MSL of	or20.0			: Manufacturer, product i	name & me	ch ciza
G. Filter pack, top ft. MSL o	DI	"/ 月 以		D FLINT SAND & GRA		SH SIZE
H. Screen joint, top ft. MSL o	or22.0		b. Volume added	fl ³	, 110	_ ===
			9. Well casing:	Flush threaded PVC s	chedule 40	⊠ 23
L Well bottom ft. MSL o	or24.0	n \		Flush threaded PVC s	chedule 80	□ 24
	25.0			DAG	_ Other	
J. Filter pack, bottom ft. MSL o	or25.0	ft.	→ 10. Screen material: _ a. Screen Type:	PVC	Factory cut	N
K. Borehole, bottom ft. MSL c	or25.0	ft. \			inuous slot	
		V//X			_ Other	
L. Borehole, diameter6.0 in.		VIIIIX	b. Manufacturer	BOART LONGYEA	R	
5			c. Slot size:			0.010 i
M. O.D. well casing 2.37 in.			d. Slotted length:	4	_	2.0 f
			11. Backfill material (be			□ 14 □ □ 14
N. I.D. well casing 2.06 in.				SAND	_ Other	
I hereby certify that the information on this form	is true and corr	ect to the hest of my knowledge	e.			
Signature / O S		BOART LONGYEAR			Tal. 715	250 700
John Kul.		BOART LUNGTEAR O	EET SCHOFIELD, WI 544	476	Tel: 715- Fax: 715-	
The state of the s		TO THE PART OF THE	The second second in the second		100 001 000	2 200

State of Wisconsin						
Department of Natural Resources Route To:			Waste Management Other	MONITORING W Form 4400-113A	VELL CONSTR Rev. 7-9	
Facility/Project Name	Local Grid Loc	AND STREET AND PROCESS OF STREET WITH STREET		Well Name	TOURIST AND THE	
BARR ENGINEERING		ft. 🗆 N.	ft. 🖁 E.	A	\S-15N	
Facility License, Permit or Monitoring No.	Local Grid Orig	gin 🛛 (estimated: [) or Well Location	☐ Wis. Unique Well 1	No. DNR Well 1	Vumber
0	Lat	Long.	0 1	" or		
Facility ID			ft.E. S/	Date Well Installed	g gi	
·		n of Waste/Source	II. E. 37		3/13/2008	
Type of Well			a vin	□ E Well Installed By:	(Person's Name a	nd Firm)
Well Code 62/as	I postion of We	Il Relative to Waste/Sou	, TN, R rce Gov. Lot Nur		AT WHITE	
Distance from Waste/ Source ft. Enf. Stds. Apply	u 🗆 Upgrad		gradient	IIIDEI -	LONGYEAR E&	:I
A. Protective pipe, top elevation	The William		1. Cap and loc	k?	⊠ Yes	s 🗆 No
ATTENDED TO THE PERSON OF THE	2.00 ft. MSL	——————————————————————————————————————	2. Protective co			in
C. Land surface elevation	ft. MSL		b. Length:		_	ft
	a eus		c. Material:		Steel	□ 04
D. Surface seal, bottom ft. MSL	or ft.	New York	Jesus —		Other	
12. USCS classification of soil near screen:		200000		al protection?	☐ Yes	⊠ No
	W 🗆 SP 🗆		If yes, de	scribe:	, 	
	L CH C		3. Surface seal		Bentonite	⊠ 30
Bedrock □			J. Silliace scal	51	Concrete	
13. Sieve analysis attached?	S LINO		\ ·		Other	
	ry □50		4. Material bet	ween well casing and prote	1900 7000	110 COCC
Hollow Stem Auge MINI SONIC Othe					Bentonite	75476554
Othe	er 🛛 🚟		1200 m /a -		Other	114 211-54
LE DUIT GIA LA NO. FIGA	:- E101			ce seal: a. Granular/Ch		
15. Drilling fluid used: Water □ 0.2 A Drilling Mud □ 0.3 Non	ir 🗆 0 1			gal mud weight Bente		
Dinning wind 103 Non	E [] 99			And the best had been supported and a second better the second	Bentonite slurry	
16. Drilling additives used? ☐ Ye	s 🛮 No				ite-cement grout	□ 50
				Ft ³ volume added for any		П 01
Describe	I CHI CHI CHI CHI CHI CHI CHI CHI CHI CH		f. How inst		Tremie pumped	□ 01 ⊠ 02
17. Source of water (attach analysis, if required):		27 		Gravity	
			6 Dontonito and	al. a Da		
Lime				al: a. Be . ⊠ 3/8 in. □ 1/2 in.		
E. Bentonite seal, top ft. MSL o	180		/	. M 3/6 III. L 1/2 III.		254489435
E. Bentonite seal, top n. MSL (or 1			aterial: Manufacturer, prod	- 17 AND THE PARTY OF THE PARTY	
F. Fine sand, top ft. MSL o	or f	t. \ \	// "	, , , , , , , , , , , , , , , , , , ,		
1.1 mc said, top	,	" \ \ \	b Volume ac	dded	_ft³	
G. Filter pack, top ft. MSL c	or f			naterial: Manufacturer, pro-		sh size
o. Their pass, top				40 RED FLINT SAND & O		
H. Screen joint, top ft. MSL of	or		b. Volume ac		_ft³	
			9. Well casing:		VC schedule 40	☑ 23
I. Well bottom ft, MSL o	or			Flush threaded P		Thirties Military
	100 to 10				Other	SERVICE STATE
J. Filter pack, bottom ft. MSL of	or25.0 ft		10. Screen mater	rial: PVC		
	Sect. 213. 8		a. Screen Ty	5200 Of	Factory cut	☑ 11
K. Borehole, bottom ft. MSL c	or25.0_ fi				Continuous slot	
					Other	25459.452
L. Borchole, diameter6.0 in.		VIIIIX	b. Manufacti	urer BOART LONG	YEAR	
A			c. Slot size:		_ (0.010 in.
M. O.D. well casing 2.37 in.			d. Slotted ler	ngth:	-	2.0 ft.
			11. Backfill mate	erial (below filter pack):		□ 14
N. I.D. well casing 2.06 in.				SAND	Other	
					- market	
I hereby certify that the information on this form	is true and corre	ct to the best of my know	vledge.			
Signature / / Co-1	Fir	m BOART LONGYE	AR COMPANY		Tel: 715-	359-7090
your kiel		101 ALDERSON 5	STREET SCHOFIELD,	WI 54476	Fax: 715-	355-5715

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewar		anagement	MONITORING WELL C		CTION
	Remediation/Redeve		J		Rev. 7-98	
Facility/Project Name BARR ENGINEERING	Local Grid Location of	f Well J N. J Sft.	□E.	Well Name AS-16	N	
Facility License, Permit or Monitoring No.	Local Grid Origin	(estimated:) or \	Well Location	Wis. Unique Well No. DN		mher
O	Lat	Long		Wis. Oriique Wentivo.	ic wen iva	inoci
Facility ID		ft. N,		Date Well Installed		1002-11-
	Section Location of Wa	aste/Source		03/13/200		
Type of Well			□E	Well Installed By: (Person's	Name and	Firm)
Well Code 62/as	1/4 of1	/4 of Sec, T ive to Waste/Source		MAT WHI	TE	
Distance from Waste/ Source ft. Enf. Stds. Apply	u 🛘 Upgradient	s □ Sidegradient n □ Not Known	Gov. Lot Number	BOART LONGY	1 - 5/1-	
A. Protective pipe, top elevation	ft. MSL		1. Cap and lock?		⊠ Yes □] No
B. Well casing, top elevation	2.00 ft. MSL		Protective cover pi a. Inside diameter:			ir
C. Land surface elevation	ft. MSL \		b. Length:		-	f
D. Surface seal, bottom ft. MSL		200	c. Material:		Steel [
12. USCS classification of soil near screen:			d. Additional prote	ection?	☐ Yes ⊠	0/1 1/2
	V SP CH CH C		3. Surface seal:	В	entonite 🗵	
AND AND ADDRESS OF THE PROPERTY OF THE PROPERT	s 🗆 No				Concrete C	
	y 🗆 5 0		f Material between v	vell casing and protective pip		J zavasi
Hollow Stem Auge			r, ividicinal bottleth r		entonite [3 0
	r 🗵 🖽		TECHNOLOGY AND	H SH OHING/EG	Other 🗵	
15. Drilling fluid used: Water □ 0 2 Ai	r 🗆 0 1	5		a. Granular/Chipped Bo		
Drilling Mud □ 0 3 Non	Q 201100000000			id weight Bentonite-san		
Dining Print 200 Profes				id weight Bentonit		
16. Drilling additives used? ☐ Ye	s 🛮 No			te Bentonite-ceme volume added for any of the a		1 20
Describe			f. How installed:		Tremie	
17. Source of water (attach analysis, if required)					pumped 🛭	
21. Domes of water (attended attack) in required,					Gravity	
× 1 + 39 + 1990	•	5		/8 in. □ 1/2 in. Bentoni	te chips 🗵	1 3 2
E. Bentonite seal, top ft. MSL o	r15.0 ft.	7		Manufacturer, product name		
F. Fine sand, top ft. MSL o	r —		a b. Volume added _	ft ³	WAX-ODE -	
G. Filter pack, top ft. MSL o	r17.0 ft.	,	. Filter pack material	: Manufacturer, product nam D FLINT SAND & GRAVE		size
H. Screen joint, top ft. MSL o	r ft		b. Volume added	ft³		410-10-1
Wallan A Met	23.0 ft.	[日本 9	. Well casing:	Flush threaded PVC sche Flush threaded PVC sche		
. Well bottom ft. MSL o	r <u>25.0</u> π.			Fiush inreaded PVC sche	Other	manter
Filter pack, bottom ft. MSL o	25.0 ft.	10.	. Screen material: _	PVC		
K. Borehole, bottom ft. MSL o	r25.0 ft. <		a. Screen Type:	Continuo	tory cut ⊠ ous slot □	01
	_			BOART LONGYEAR	Other	
Borehole, diameter6.0 in.			b. Manufacturer _c. Slot size:	BOARTLONGTEAR	- 0.0	10 in.
M. O.D. well casing 2.37 in.			d. Slotted length:		2	2.0 ft.
N. I.D. well casing 2.06 in.		11.	. Backfill material (be	elow filter pack): SAND	None □ Other ☑	14
i. i.D. wen tasing iii.						
hereby certify that the information on this form	is true and correct to the	best of my knowledge.			NAME OF THE OWNER.	
Signature CD-	Illiano	DART LONGYEAR COM	PANY	Т	el: 715-359	9-7090
Mr. mele	50000	1 ALDERSON STREET S	SCHOFIELD, WI 544	[192]	ax: 715-355	3 3225

State of Wisconsin					1911		
Department of Natural Resources Route To:		ewater development	Waste Management Other	MONITORING WEL Form 4400-113A	L CONSTI Rev. 7-		TION
Facility/Project Name	Local Grid Location			Well Name		-	
BARR ENGINEERING		fi DN.	ft. DE. W, Or Well Location	AS-	17N		
Facility License, Permit or Monitoring No.	Local Grid Origin	(estimated: [7) or Well Location	Wis. Unique Well No.		Num	ber
190	Lat°	, " I and		2 2		N.1 100230	
Facility ID	-			Data Wall Installed			-
Tubility 10			ft. E. S/C/N	1	(0000		
Type of Well	Section Location of	of Waste/Source	п	03/13/ E Well Installed By: (Pers		and E	(imm)
	1/4 of	1/4 of Sec	, TN, R I	W			
Well Code 62/as		Relative to Waste/Sou			WHITE .		
Distance from Waste/ Source ft. Enf. Stds. Apply	u ☐ Upgradier d ☐ Downgrad	it s □ Side lient n □ Not		BOART LON	GYEAR E	έI	
A. Protective pipe, top elevation	ft MSL -		1. Cap and lock?	CENTER THE PROPERTY OF THE PARTY OF THE PART	⊠ Ye	s 🗆	No
	2.00 ft. MSL -	——————————————————————————————————————	Protective cover a. Inside diameter				ir
C. Land surface elevation	ft. MSL ~		b. Length;				fl
			c. Material:		Steel	10	0.4
D. Surface seal, bottom ft. MSI	or ft. <	Significant of the second of t	- Honor		Other	-	
12. USCS classification of soil near screen:	1	A A CONTRACTOR OF THE PARTY OF	d. Additional pro	tection?	☐ Ye	-	No
	W □ SP □	/ YII IX		e:			
	L CH CH		11)10, 000010		Bentonite	- F21	30
Bedrock □			3. Surface seal:		Concrete	5000	17000
13. Sieve analysis attached?	es 🗆 No				Other	103	Timber.
			\			П	TOTAL
[[마리트	ry 🗆 5 0		4. Material between	well casing and protective		-	
Hollow Stem Aug					Bentonite		SECTION .
MINI SONIC Oth	er 🖾 🏭		1		Other	×	
PRODUCTION OF THE PRODUCTION O		₩ ₩-	5. Annular space se	al: a. Granular/Chippe	d Bentonite		33
15. Drilling fluid used: Water □ 0 2 A	ir 🗆 0 1		bLbs/gal r	nud weight Bentonite	-sand slurry		35
Drilling Mud □ 0 3 Nor	ie □99		cLbs/gal r		tonite slurry		
			d% Bento				
16. Drilling additives used? ☐ Ye	es 🖾 No		e Ft	volume added for any of t		1	
4			f. How installed		Tremie	П	0.1
Describe			i. instance		nie pumped	0.000	
17. Source of water (attach analysis, if required):			1100	Gravity		
		■ ■	()		200 200 CO.		
1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					ite granules		
	100		/ b. □ 1/4 m. ⊠	3/8 in. □ 1/2 in. Ben			
E. Bentonite seal, top ft. MSL	or15.0 ft.		7. Fine sand materia	l: Manufacturer, product r	Other		
F. Fine sand, top ft. MSL	or ft. \		/ / a			_	
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	b. Volume added	ft ³			
G. Filter pack, top ft. MSL	or17.0 ft. \		/	al: Manufacturer, product ED FLINT SAND & GRA			ze
H. Screen joint, top ft. MSL	or		b. Volume added	100%			
Te Mon	46	1-1/	9. Well casing:	Flush threaded PVC s	chedule 40	[2]	23
. Well bottom ft. MSL	or22.5 ft. \		2. Wen casung.	Flush threaded PVC s			24
					Other		
f. Filter pack, bottom ft. MSL	or23.0 ft.~	_ 人目 _	10. Screen material:	PVC		1	WH
Their pack, bottom	A 1t,		a. Screen Type:		Factory cut	123	1 1
C. Borehole, bottom ft. MSL o	or		a. Sercen Type.		timuous slot		
C. Borehole, bottom ft. MSL o	n 1L \			Com	Other		
5 1 1 1 60 .		V////X	h Manufacture	BOART LONGYEA		Ц:	dirita.
. Borehole, diameter6.0 in.			b. Manufacturer	DOMNI LONGILA		0.010	1 .
or respects to the same of the		3	c. Slot size:		_	0.010	
M. O.D. well casing 2.37 in.			d. Slotted length:		_		<u>n</u> .
			11. Backfill material (below filter pack):	None	115	preserves.
N. I.D. well casing 2.06 in.			-	SAND	_ Other		OB II
				++1901			
hereby certify that the information on this form	Text	o the best of my know	vledge.				
Signature Con-1	Firm	BOART LONGYE	AR COMPANY		Tel: 715-	359-7	7090
your kel.		101 ALDERSON	STREET SCHOFIELD, WI 5	4476	Fax: 715-	355-5	5715
1	Charles Annual Alberta Annual	a ammonata DMD -C	ing and barrany Completion of the	non remorts in required by the	160 001 00	2 200	

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewat	ter D Waste Me	anagement	MONITORING WELL CONST	FRUCTION
	Remediation/Redeve	lopment Other		Form 4400-113A Rev. 7	
Facility/Project Name	Local Grid Location of	f Well	ΠE.	Well Name	
BARR ENGINEERING	A. F	N. ft.	BE.	AS-18N	n Nt L
Facility License, Permit or Monitoring No.	Local Grid Origin	g (estimated: []) or	Well Location	Wis. Unique Well No. DNR Wel	II Number
Facility ID		" Long		Date Well Installed	
racinty in		ft, N,	_ft.E. S/C/N	Service and an experience of the service of the ser	
Type of Well	Section Location of Wa	aste/Source	ΠE	Well Installed By: (Person's Name	e and Firm)
Well Code 62/as		/4 of Sec, T	_N, R W		o und i miny
Distance from Waste/ Enf. Stds. Apply	Location of Well Relate u	ive to Waste/Source s	Gov. Lot Number	MAT WHITE BOART LONGYEAR I	E&I
	ft. MSL		1. Cap and lock?		res ⊠ No
			2. Protective cover pi		
B. Well casing, top elevation	2.00 ft. MSL	"HI"	a. Inside diameter:		in.
C. Land surface elevation	ft. MSL \		b. Length:		ft.
D. Surface seal, bottom ft. MSL	or 0.0 e 323		c. Material:		cel 🗆 04
	11.				er 🛛 🕮
12. USCS classification of soil near screen:		A CONTRACTOR	d. Additional prote		es 🖾 No
	V D SP D	1111/	If yes, describe:	Rentoni	
Bedrock D	, L CAL		Surface seal:	Bellom	ite 🖾 30
13. Sieve analysis attached?	s 🗆 No			Concre Othe	te 0 01
	7		A Motorial bottomen to	vell casing and protective pipe:	er Li man
Hollow Stem Auge	y 🗆 5 0		4. Ividicital between v		te 🛘 30
	r 🛇 🕮				er 🛭 🚟
		₩ ₩	5 Annular space seal	a. Granular/Chipped Bentoni	
15. Drilling fluid used; Water □ 02 Ai	r 🗆 0 1			id weight Bentonite-sand slurr	
Drilling Mud □ 0 3 Non-	□99		cLbs/gal mu		
			d% Bentonii		
16. Drilling additives used? ☐ Ye	s 🖾 No			volume added for any of the above	
			f. How installed:	Tremi	ie 🛘 01
Describe				Tremie pumpe	d 🖾 02
17. Source of water (attach analysis, if required)				Gravit	ty 🗆 08
			6. Bentonite seal:	a. Bentonite granule	s 🗆 33
				/8 in. □ 1/2 in. Bentonite chip	
E. Bentonite seal, top ft. MSL o	r17.0 ft.			HOLEPLUG Othe Manufacturer, product name & me	
F. Fine sand, top ft. MSL o	r ft. \		a	250	MIN
	1		b. Volume added _		
G. Filter pack, top ft. MSL o				: Manufacturer, product name & m D FLINT SAND & GRAVEL	iesh size
H. Screen joint, top ft. MSL o	r ft		b. Volume added _	ft³.	
	22.0	9	. Well casing:	Flush threaded PVC schedule 40	
I. Well bottom ft. MSL o	r <u>23.0</u> ft.			Flush threaded PVC schedule 80	200000
T F70	r25.0_ ft		-	PVC	コロ 超速
J. Filter pack, bottom ft. MSL o	25.0 n.	_10	Screen material: _ a. Screen Type:	Factory cu	_ HH
K. Borehole, bottom ft. MSL o	r25.0 ft. \		a. Screen Type.	Continuous slo	
in Doronous, outday		< <i>//////</i>			
L. Borehole, diameter6.0 in.			b. Manufacturer _	BOART LONGYEAR	
			c. Slot size:		0.010 in.
M. O.D. well casing 2.37 in.			d. Slotted length;		2.0 ft.
•		11.	. Backfill material (be		e 🛛 14
N. I.D. well casing 2.06 in.				Other	r 🗆 🚟
				1	
I hereby certify that the information on this form	Total Control of the	best of my knowledge.		10000	
Signature John & Kind		DART LONGYEAR COM			5-359-7090
1	10	1 ALDERSON STREET S	SCHOFIELD, WI 544	76 Fax: 71:	5-355-5715

Route To:	Remediation/Redevelop	ment Other	anagement		7. 7-98	Į.
Facility/Project Name	Local Grid Location of W	/ell	ПЕ	Well Name		
BARR ENGINEERING	n. 🔡	Vn	L II W.	AS-19N		
Facility License, Permit or Monitoring No.	Local Grid Origin 🛛			Wis. Unique Well No. DNR V	ell Nu	unber
0	Lat	Long	or	Date Well Installed		
acility ID	St. Plane	ft. N,	ft. E. S/C/N	1		
CIVI II	Section Location of Wast	e/Source	- I	03/14/2008		1
Type of Well	1/4 of 1/4	of Sec, T	N.R. DW	Well Installed By: (Person's Na	me and	i Firm)
Well Code 62/as	Location of Well Relative	to Waste/Source	Gov. Lot Number	MAT WHITE	25	
Distance from Waste/ Enf. Stds. Apply	u 🛘 Upgradient			BOART LONGYEAL	T.S.T	
ft. Apply		n L Not Known	1. Cap and lock?		Yes D	No.
A. Protective pipe, top elevation	ft. MSL		Cap and tock? Protective cover pi		168 2	△ INC
. Well casing, top elevation	2.00 ft. MSL		a. Inside diameter:	TV (40)		
T 4	ft. MSL 🔪		b. Length:		-	Starring S
Land surface elevation			c. Material:	9	Steel [
Surface seal, bottom ft. MSL	or ft.	A CONCOR	D. 11111011111		ther D	10074634
12. USCS classification of soil near screen:	2000	A. Manage	d, Additional prote		Yes 2	
	V D SP D	/ XII IIX /		1 -		1907 (1907) 1
SM SC ML MH CI	CH 🗆	/ / /			nite D	⊠ 30
Bedrock □			Surface seal:	Cone	rete [□ 01
13. Sieve analysis attached?	s 🗆 No			C	ther [ם ב
14. Drilling method used: Rotar	v □50		4. Material between w	vell casing and protective pipe:		
Hollow Stem Auge	r 🗆 4 1				nite [□ 30
MINI SONIC Othe	r 🛛 🗮			C	ther E	3 111
		₩ ₩	5 Annular space seal	a. Granular/Chipped Bento	nite [7 33
5. Drilling fluid used: Water □ 0 2 Ai	r □01			id weight Bentonite-sand sl		
Drilling Mud □03 None	□99		cLbs/gal mu			
	2500	₩ - ₩	d% Bentonit] TO THE PROPERTY OF THE PARTY	N	
16. Drilling additives used? ☐ Yes	s ⊠ No		eFt ³ v	rolume added for any of the abov		
			f. How installed:		mie 🗆	01
Describe				Tremie pum	ped 🗵	02
7. Source of water (attach analysis, if required)	:			Gra	vity [3 0 8
			6. Bentonite seal:	a. Bentonite gran	ıles [33
				/8 in. □ 1/2 in. Bentonite cl		
Bentonite seal, top ft. MSL o	r16.5 ft ,		c3/8"	HOLEPLUG	her 🗵	
			7. Fine sand material:	Manufacturer, product name &	mesh si	ize
Fine sand, top ft. MSL o	r ft. \		a		Countries	
			b. Volume added _	ft³		
Filter pack, top ft. MSL o	r18.5 ft.			: Manufacturer, product name &	mesh:	size
1000 - 100 -			a#40 REI	D FLINT SAND & GRAVEL		
Screen joint, top ft. MSL o	r20.5 ft		b. Volume added _	ft ³		1 (90,000
			Well casing:	Flush threaded PVC schedule	40 ⊠	23
Well bottom ft. MSL o	22.5 ft.			Flush threaded PVC schedule		
				Or	her 🗆) IIII
Filter pack, bottom ft. MSL o	r24.0 ft	ABI _10). Screen material:	PVC		- 🕮
* 5		William .	a. Screen Type:	Factory	cut 🗵	1 1 1
Borehole, bottom ft. MSL o	r24.0_ ft. \		5.5	Continuous		
		<i>W//</i>	to the same of the		her 🗆	
Borehole, diameter6.0 in.		VIIII/IX	b. Manufacturer _	BOART LONGYEAR		
22 A			c. Slot size:		0.0	010 ir
O.D. well casing 2.37 in.			d. Slotted length:		2	2.0 f
2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		11	. Backfill material (be		one 🛛	
						The state of the last
I.D. well casing 2.06 in.				Ot	her 🛘	2000

State of Wisconsin Department of Natural Resources Route To:		Wastewater n/Redevelopment		nagement	MONITORING WELL Form 4400-113A	L CONSTR	
Facility/Project Name		ocation of Well	U Other U		Well Name	101. 7-3	,,
STATE CONTROL OF THE PROPERTY	Local Grat Lo	ft. S. —	ft.	□ E.	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	20N	
BARR ENGINEERING Facility License, Permit or Monitoring No.	Local Grid O	rigin 🛛 (estima	ted: []) or V	Well Location	Wis. Unique Well No.	DNR Well	Number
0			Long.		The oraque meating	Druc man	
Facility ID			7		Date Well Installed	/	
Maria de la compania		tion of Waste/Sourc		ft. E. S/C/N		/2008	
Type of Well	1			□E	Well Installed By: (Pers	son's Name a	and Firm)
Well Code 62/as		1/4 of Sec.			MATY	VHITE	- 10TH
Distance from Waste/ Source ft. Enf. Stds. Apply	u 🗆 Upgr	Vell Relative to Was adient s ☐ ngradient n ☐	Sidegradient	Goy. Lot Number	BOART LON		ŁI
	FO E 1270 F			l. Cap and lock?		☐ Ye	s 🛛 No
	2.00 ft. MSI		7	Protective cover pi a. Inside diameter:			in.
C. Land surface elevation	ft, MSL			b. Length:		-	ft.
			NAME OF THE OWNER, WHITE OWNER, WHIT OWNER, WHITE OWNER, WHITE OWNER, WHITE OWNER, WHITE OWNER, WHIT	c. Material:		Steel	□ 04
D. Surface seal, bottom ft. MSL	or	ft.	N. A. S. W. S. W.	-		Other	
12. USCS classification of soil near screen;		De Contraction	- ALTON	d. Additional prote			s 🛛 No
SM SC ML MH CI	W D SP D		5 6 6	If yes, describe: Surface seal:	· · · · · · · · · · · · · · · · · · ·	Bentonite	_ ⊠ 30
Bedrock 🗆				. Surface Scal.		Concrete	
13. Sieve analysis attached? ☐ Ye	s 🗆 No			The second second		Other	
	y 🗆 5 0		₩ `4	. Material between v	vell casing and protective		MWEN COROS
Hollow Stem Auge MINI SONIC Othe	er 🗆 4 1	ft.				Bentonite Other	□ 30 □ 30
		I 🔉	5	. Annular space seal	a. Granular/Chippe	ed Bentonite	□ 33
	ir □01		₩ t		id weight Bentonite	-sand slurry	□ 35
Drilling Mud □ 0 3 Non	e □99			cLbs/gal mi	nd weight Ben	tonite slurry	□ 31
16. Drilling additives used? ☐ Ye	s 🛮 No			d% Bentoni			□ 50
10. Drining additives used:	2 MINO	1 🐰			olume added for any of	the above	
Describe				f. How installed:			□ 0 I
17. Source of water (attach analysis, if required)					Tren	mie pumped	
17. bource of water (mach analysis, it requires)						Gravity	□ 08
P = X			6	. Bentonite seal:		ite granules	
	DECIDE			2/04	/8 in. □ 1/2 in. Ben		
E. Bentonite seal, top ft, MSL c	r <u>16.0</u>	ft.	77.	V	HOLEPLUG Manufacturer, product 1	Other name & mesl	
F. Fine sand, top ft. MSL o	r	ft.		ab. Volume added			
G. Filter pack, top ft. MSL o	or18.0	ft.	8.		: Manufacturer, product D FLINT SAND & GRA		sh size
H. Screen joint, top ft. MSL o	or20.0	a	$\mathbb{A}/$.	b. Volume added Well casing:	Flush threaded PVC	schedule 40	⊠ 23
I. Well bottom ft. MSL o	or22.0	ft.			Flush threaded PVC		□ 2.4
J. Filter pack, bottom ft. MSL o	or23.0	ft.	10.	Screen material: _	PVC	Factory cut	
K. Borehole, bottom ft. MSL o	23.0	ft.		a. Screen Type:		tinuous slot	□ 01
L. Borehole, diameter 6.0 in.				b. Manufacturer	BOART LONGYEA		
220		8.5	/	c. Slot size:			0.010 in.
M. O.D. well casing 2.37 in.				d. Slotted length:			2.0 ft.
N. I.D. well casing 2.06 in.			· 11.	Backfill material (b	elow filter pack):		
I hereby certify that the information on this form		P.L			Company of the little of the little	1000	
Signature John & Dil	1		NGYEAR COM		120	Tel: 715-	
11	ليسيا	101 ALDER	SON STREET S	CHOFIELD, WI 54	176	Fax: 715-	355-5715

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wa			nagement 🗆	MONITORING WEI Form 4400-113A	LL CONSTR		TION
Paulita /Paulaus Nama		Redevelopment	Other		Well Name	Kev. 1-3	0	
Facility/Project Name BARR ENGINEERING	Local Grid Loca	non of well	ft	DE.	ACCOUNTED BY THE COLD	-21N		
Facility License, Permit or Monitoring No.	Local Grid Origi	n 🛛 (estimated	ng. or V	□ E. □ W. Vell Location □	Wis. Unique Well No.	DNR Well	Num	ber
Facility ID					Date Well Installed		_	
	Section Location	of Waste/Source		fil E. S/C/N		7/2008		
Type of Well	1/4 of	1/4 of Sec	Т.	N.ROW	Well Installed By: (Per		nd F	irm)
Well Code 62/as Distance from Waste/ Enf. Stds.	Location of Well	Relative to Waste/S	Source	Gov. Lot Number	MAT	WHITE		
Source ft. Apply	u □ Upgradie d □ Downgra	ent s□S adient n□N	idegradient lot Known		BOARTLO	NGYEAR E&	:I	
A. Protective pipe, top elevation	ft, MSL	•		l. Cap and lock?		☐ Yes		No
B. Well casing, top elevation	2.00 ft. MSL -	——————————————————————————————————————	PO 2	 Protective cover pi a. Inside diameter: 		_		in
C. Land surface elevation	ft. MSL ~			b. Length:			100	ft
D. Surface seal, bottom ft. MSL	or <u>0.0</u> ft.		100000	c. Material:		Steel Other	777	Sons
12. USCS classification of soil near screen:			XENEN	d. Additional prote	ction?	☐ Yes	-	
	W □ SP □	1		If yes, describe:		Bentonite	-	30
Bedrock □				. Surface seal:		Concrete		01
	s DNo		░ \.			Other		쀒
14. Drilling method used: Rotar Hollow Stem Auge	y 🗆 5 0		4	, Material between w	vell casing and protectiv	e pipe: Bentonite		3 0
	er 🗵 🗒					Other	×	
15. Drilling fluid used: Water □ 0 2 Ai	ir 🗆 0 1		5		a. Granular/Chipp ad weight Bentonite			
Drilling Mud □ 0 3 Non	e 🗆 9 9			cLbs/gal mu		ntonite slurry		
16. Drilling additives used? ☐ Ye	s 🖾 No			i% Bentonit		cement grout		
Describe				f. How installed:		Tremie		
17. Source of water (attach analysis, if required)					Тте	mie pumped Gravity		
accession and the second secon			,6.	Bentonite seal:		nite granules		
B. Bentonite seal, top ft. MSL c	or <u>16.0</u> ft.	.		C		Other		
F. Fine sand, top ft. MSL o	or ft		//7.	Fine sand material:	Manufacturer, product	name & mesh	ı size	e MM
				b. Volume added _				-
G. Filter pack, top ft. MSL o	or18.5 ft.		/ / ^{8.}	30 1 10 10 10 10 10 10 10 10 10 10 10 10	: Manufacturer, product D FLINT SAND & GRA			ze
H. Screen joint, top ft. MSL o	or ft.		/	b. Volume added _				Man and
. Well bottom ft. MSL o	or <u>22.5</u> ft.		9.	Well casing:	Flush threaded PVC Flush threaded PVC		572 6	2 4
. Filter pack, bottom ft. MSL o	or24.0 ft.		10	Screen material:	PVC	Other	20 3	
49 (1 to 1		VIIII	10.	a. Screen Type:		Factory cut	⊠	11
C. Borehole, bottom ft. MSL o	or					ntinuous slot Other	_	01
. Borehole, diameter6.0 in.			4	b. Manufacturer _c. Slot size:	BOART LONGYE		0.010	0 in.
M. O.D. well casing	3		1	d. Slotted length:		_	2.0	0 ft.
J. I.D. well casing			11.	Backfill material (be	elow filter pack): SAND	None Other		SHIRKS.
							_	_
I hereby certify that the information on this form	is true and correct			DANTY		T-1. 21.	200	7000
John Kick		BOART LONG		CHOFIELD, WI 544	176	Tel: 715-3 Fax: 715-3		

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater	Waste Management	☐ MONITORING	WELL CONSTR	UCTION
	Remediation/Redevelopment		Form 4400-113A	Rev. 7-9	98
Facility/Project Name	Local Grid Location of Well		Well Name		1000
BARR ENGINEERING	ft, □ N.	R. 🗆 E.		AS-22N	
Facility License, Permit or Monitoring No.	Local Grid Origin (estim	nated:) or Well Location	n Wis. Unique Well	No. DNR Well I	Number
0	Lat	_ Long		, .	
Facility ID	St. Plane ft. N Section Location of Waste/Sou			03/17/2008	
Type of Well			☐ E Well Installed By:	(Person's Name a	nd Firm)
Well Code 62/as	1/4 of 1/4 of Sec	c, TN, R	W ((AT WHITE	,
Distance from Waste/ Enf. Stds.		☐ Sidegradient	MINOCI -	LONGYEAR E&	-T
IL.]		Not Known			s 🖾 No
A. Protective pipe, top elevation	- A. MSL	2. Protective		L 16	M 140
B. Well casing, top elevation	2.00 ft. MSL	a. Inside d	A COLUMN TO THE	-	i
C. Land surface elevation	ft. MSL _	b. Length:		-	f
	0.0	c. Materia	1:	Steel	□ 04
D. Surface seal, bottom ft. MSI	or U.U II.			Other	
12. USCS classification of soil near screen:	Distriction :		nal protection?		⊠ No
GP□ GM□ GC□ GW□ S	W SP D	If yes, o	describe:		_
	IL CHILL			Bentonite	⊠ 30
Bedrock	I	3. Surface se	al:	Concrete	
13. Sieve analysis attached?	es 🗆 No			Other	
14. Drilling method used: Rotar	ry 🗆 5 0	4 Material b	etween well casing and prot		
Hollow Stem Aug	7 741	4. Material 0	serreen wen easing and proc	Bentonite	П 30
	er 🗵 🖽	- N			
One					
		5. Annular sp	pace seal: a. Granular/C		
	ir 🗆 0 1	bLt	os/gal mud weight Ben		
Drilling Mud □ 0 3 Nor	ie Паа	cLt		Bentonite slurry	□ 31
16 Deilling additives wood?	es ⊠No	d%		nite-cement grout	□ 50
16. Drilling additives used?	S MINO	e	Ft3 volume added for an	ry of the above	
	1	f. How in	nstalled:	Tremie	□ 01
Describe				Tremie pumped	⊠ 02
17. Source of water (attach analysis, if required):			Gravity	□ 08
		6 Bentonite s	seal: a. B	tentonite granules	□ 33
Aldrew Control of the		h □1/4i	in. ⊠ 3/8 in. □ 1/2 in.		
E. Bentonite seal, top ft. MSL	es No ry 5 0 er 4 1 er 2 2 ir 0 1 ne 9 9 es No): or 17.0 ft.	3. Surface se 4. Material b 5. Annular sp b		Other	
		7. Fine sand r	naterial: Manufacturer, pro-	duct name & mesh	
F. Fine sand, top fl. MSL	or fl. \	1 1001 /			
	100	b. Volume 8. Filter pack		_ ft³ .	
G. Filter pack, top ft. MSL	or19.0 ft.		material: Manufacturer, pro #40 RED FLINT SAND &		h size
H. Screen joint, top ft. MSL	or21.0 ft	b. Volume	Tables - Tab	ft ³	
Charles and the state of the st		9. Well casing	g: Flush threaded I	PVC schedule 40	⊠ 23
I. Well bottom ft. MSL o	or23.0 ft		TA (1)	PVC schedule 80	
				Other	
J. Filter pack, bottom ft. MSL o	or24.0 ft.	10. Screen mat	erial: PVC	2	Hill
4		a. Screen 7	Type:	Factory cut	⊠ 11
K. Borehole, bottom ft. MSL of	or24.0 ft. \		**	Continuous slot	

L. Borehole, diameter6.0 in.		b. Manufa	cturer BOART LONG		
m.		c. Slot size	VIII.VI		0.010 in.
M. O.D. well casing 2.37 in.		d. Slotted 1			2.0 ft.
M. O.D. well casing 2.37 in.			sterial (below filter pack):	None	□ 14
N. I.D. well casing 2.06 in.		11. Davetti ilia	SAND		
William Control Contro					
I hereby certify that the information on this form	is true and correct to the best of	my knowledge.			
Signature O A	Firm	ONGYEAR COMPANY	· · · · · · · · · · · · · · · · · · ·	Tel: 715-3	359-7090
John & Rich		ERSON STREET SCHOFIELD	. WI 54476	Fax: 715-3	
14	1011201				

State of Wisconsin Department of Natural Resources Route To:		Vastewater /Redevelopment	Waste Management	-	MONITORING WEL Form 4400-113A	L CONSTI		TION
Facility/Project Name	Local Grid Loc	cation of Well	Carefulli		Well Name	120-150-01		
BARR ENGINEERING	A DISTRIBUTION OF THE PARTY.	ft. ☐ N. gin ☑ (estimated:	A DE.		AS.	23N		
Facility License, Permit or Monitoring No.	Local Grid Ori	gin 🛛 (estimated:	or Well Location	on \Box	Wis. Unique Well No.	DNR Well	Num	ber
0	I at		0 1	" or	in or original in our too.	21.11.17.11		
Facility ID	St. Plane	θN		-	Date Well Installed	v and a subsection	-	
T C VVI11	Section Location	on of Waste/Source				/2008	- 1 -	m' \
Type of Well	1/4 of _	1/4 of Sec	T. N.R.	HE	Well Installed By: (Per	son's Name a	nd i	um)
Well Code 62/as	Location of We	ell Relative to Waste/So	urce Gov. Lot 1		MAT	WHITE		
Distance from Waste/ Source ft. Enf. Stds. Apply	u □ Upgrad d □ Downs	dient s □ Sid gradient n □ Not			BOART LON	IGYEAR E&	ΞI	
A. Protective pipe, top elevation	ft. MSL		1. Cap and	lock?		☐ Ye	s 🛛	No
	2.00 ft. MSL		2. Protectiv	e cover pip diameter:	ne:			in.
C. Land surface elevation	ft. MSL	. 11 11	b. Length					ft.
			c. Materi			Steel		04
D. Surface seal, bottom ft. MSL	or ft				ow 3428	Other	\boxtimes	
12. USCS classification of soil near screen:	609/00/20 609/00 02/0			onal protec		☐ Yes	\boxtimes	No
SM SC ML MH CI	W SP CH CH C		3. Surface s			Bentonite	_ ⊠	3 0
Bedrock ☐ 13. Sieve analysis attached? ☐ Ye	es 🗆 No		3. Surfaces	eai.		Concrete Other		
	ry □ 5 0		4 Material 1	hetween w	ell casing and protective			and the same of
Hollow Stem Auge	Č.		4. Matchai	DELWEEH W	en casing and protective	Bentonite	П	2.0
	er 🛇 🚟	ft.	a 			Other	1000	manage with
					 a. Granular/Chippe 			
(CHR)	ir □01				d weight Bentonite			
Drilling Mud □ 0 3 Non	е Ц99		cI	.bs/gal muc	d weight Ben			
16. Drilling additives used? ☐ Ye	es 🖾 No		d% e%		Bentonite-co			50
17				installed:	and the second of the second o	Tremie		0 1
Describe					Tre	nie pumped	\boxtimes	02
17. Source of water (attach analysis, if required)):					Gravity		
			6. Bentonite	seal:	a. Bentor	ite granules		33
	100		/ b. □1/4	in. \$\Pi 3/8	R in. □ 1/2 in. Ben HOLEPLUG	tonite chins	П	32
E. Bentonite seal, top ft. MSL of	or18.0	ft. \	c		Manufacturer, product i			
F. Fine sand, top ft. MSL c	or 1		/ a	a addad	ft³		_	
C F21	or	ft.	,		Manufacturer, product		1 .:	UP
G. Filter pack, top ft. MSL o			a		FLINT SAND & GRA		n siz	ze
H. Screen joint, top ft. MSL c	or10			e added _			_	
I. Well bottom ft. MSL o	or 1		9. Well casin	ng:	Flush threaded PVC: Flush threaded PVC:	schedule 80		23
J. Filter pack, bottom ft. MSL o	or23.0f		10. Screen ma	nterial:	PVC	Other		
	22.0		a. Screen	Type:		Factory cut		
K. Borehole, bottom ft. MSL o	or f	ı. \		-	Con	tinuous slot Other	Carral Sile	Great 4-77 774
L. Borehole, diameter		VIIII	b. Manufa c. Slot siz		BOART LONGYEA		0.010	0 in.
M. O.D. well casing 2.37 in.			d, Slotted	length:		<u></u>	2.0	<u>0</u> ft.
N. I.D. well casing 2.06 in.			11. Backfill m	aterial (bel	ow filter pack):	None Other		14
I hereby certify that the information on this form	is true and corre	ct to the best of my kno	wledge.					<u> </u>
Signature / / /	1				21-1-1	Tel: 215	250	7000
John Kide		BUART LONG!	EAR COMPANY STREET SCHOFIELI	D, WI 5447	76	Tel: 715- Fax: 715-		

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wa		Management	MONITORING WELL CONST		TION
Facility/Project Name	Local Grid Loca		Ц	Well Name	-50	
Decorporation of the second se		F3.27	_ft. □ E.	AS-24N		
BARR ENGINEERING Facility License, Permit or Monitoring No.	Local Grid Origi	_ft.	Tt. W. Well Location	Wis. Unique Well No. DNR We	I Num	her
	Lat.	Long.	or or	Wis. Offique Well Ivo.	i i dilli	ioci
Facility ID	1			Date Well Installed		
Tutally 15	St. Plane	ft. N, n of Waste/Source	ft. E. S/C/N	03/19/2008		
Type of Well			□E	Well Installed By: (Person's Name	e and I	Firm)
Well Code 62/as		1/4 of Sec, T	N, R W	MAT WHITE	Parama.	
Distance from Waste/ Source ft. Enf. Stds. Apply	u 🛘 Upgradi	Relative to Waste/Source ent s Sidegradien adient n Not Known		BOART LONGYEAR I	E&I	
A. Protective pipe, top elevation	ft. MSL -		_ 1. Cap and lock?		es ⊠	No
	2.00 n. MSL -	11 1	Protective cover pi a. Inside diameter:			in.
C. Land surface elevation	ft. MSL ~		b. Length:		-	ft.
D. Surface seal, bottom ft. MSL	- 00 д	53530	c. Material:		el 🗆	distribution.
	or n.				er 🖾	
12. USCS classification of soil near screen:		The state of the s	d. Additional prote		'es ⊠	No
	W D SP D	/ / /	If yes, describe:			
SM SC ML MH C	L D CH D		3. Surface seal:	Bentoni		150.00
The second second second second	es 🗆 No			Concre		NOMES OF THE PARTY
The state of the s			1 Marriell between	well easing and protective pipe:	er L	Hody
	y □50		4. Material between v	well casing and protective pipe: Bentoni	to D	2.0
Hollow Stem Auge MINI SONIC Othe	er 🗆 🖽				er 🖾	
- One	71 KM 111/1111					
15. Drilling fluid used: Water □ 0 2 A	ir 🗆 0 1		- 5. Annular space seal			
Drilling Mud □ 0 3 Non	19			ud weight Bentonite-sand slun ud weight Bentonite slun		
			d% Bentoni			
16, Drilling additives used? ☐ Ye	s 🖾 No		eFt ³ v	volume added for any of the above		
Describe			f. How installed:	Tremie pumpe	ie 🗆	
17. Source of water (attach analysis, if required):				ty 🗆	
			(Dentanita seele			
			6. Bentonite scal:	a. Bentonite granule /8 in. □ 1/2 in. Bentonite chip		
E. Bentonite seal, top ft. MSL o	or18.0 ft.		c. 3/8'	"HOLEPLUG Othe Manufacturer, product name & manufacturer, product name & manufacturer	er 🖾	超过
F. Fine sand, top ft. MSL o	or ft.		a		2311 312	
	20.0		b. Volume added			
G. Filter pack, top ft. MSL c	or ft.	/ 相图	/	Manufacturer, product name & n	iesn si	eneue Deue
** ** ***	or			D FLINT SAND & GRAVEL	_	2000
H. Screen joint, top ft. MSL o	r II.		b. Volume added .		0 52	2.2
I Wall barren	or		Well casing:	Flush threaded PVC schedule 4 Flush threaded PVC schedule 8		
I. Well bottom ft. MSL c	1 IL	/				DESCRIPT.
J. Filter pack, bottom ft. MSL o	or ft.		-10. Screen material: _	PVC	_	
K. Borehole, bottom ft. MSL o	or		a. Screen Type:	Factory cu Continuous slo		11
K. Borehole, bottom ft. MSL o	r n.				r 🗆	DEED -
L. Borehole, diameter6.0 in.			b. Manufacturer	BOART LONGYEAR		200111
L. Dorentie, diameter III.			c. Slot size:		0.01	0 in.
M. O.D. well casing 2.37 in.			d. Slotted length:	20		0 ft.
in. O.D. wen casing in.		_ \	11. Backfill material (b	elow filter pack): Non	e 🖾	
N. I.D. well casing					T 🗆	DOTOR
ut.						
I hereby certify that the information on this form	is true and correct	to the best of my knowledge.				
Cionabara	Firm		Resign of admires a service	Tel: 71	5-359.	-7090
John Let		101 ALDERSON STREE				

State of Wisconsin Department of Natural Resources Route To			Waste Management Other	MONITORING WELL CONSTI Form 4400-113A Rev. 7-		TION
Facility/Project Name	Local Grid Local	ation of Well		Well Name		
BARR ENGINEERING		ft D.S.	A DE.	AS-25N		
Facility License, Permit or Monitoring No.	Local Grid Orig	in (estimated:	ft. DE.	Wis. Unique Well No. DNR Well	Num	ber
Facility ID	-			Deta Wall Installed		
Facility ID	St. Plane	n of Waste/Source	ft. E. S/C/	N Date Well Installed 03/19/2008		
Type of Well				E Well Installed By: (Person's Name	and F	(irm)
Well Code 62/as			, T N, R 🗆	W	V-1-1	
Distance from Waste/ Enf. Stds.		Il Relative to Waste/Sou		r MAT WHITE		
Source	u □ Upgrad d □ Downg	ient s ☐ Side radient n ☐ Not		BOART LONGYEAR EA	èΙ	
	ft. MSL		1. Cap and lock?	□ Ye	s 🖾	No
	2.00 ft. MSL		2. Protective cover			in
C. Land surface elevation	ft. MSL		b. Length:			ft
	20.000000000000000000000000000000000000		c. Material:			0.4
D. Surface seal, bottom ft. MS	L or n.		d. Additional pr	Other		
12. USCS classification of soil near screen: GP □ GM □ GC □ GW □ S	SW 🗆 SP 🗆	THE IX	d. Additional pr	be:	s 🖾	NO
SM SC ML MHD	CL CH CH		3. Surface seal:	Bentonite	×	30
Bedrock	FIN-		3. Surface seal:	Concrete		
	res 🗆 No		A Material between	n well casing and protective pipe:		
14. Drilling method used: Rote Hollow Stem Au	ary 🗆 5 0		4. Material octwee	Bentonite	П	3.0
MINI SONIC Ot	ner 🗵 🕮			Other		(Repubers)
Is Date - Bull - I Water Class	V: 001			eal: a. Granular/Chipped Bentonite		
15. Drilling fluid used: Water □ 0.2 A Drilling Mud □ 0.3 No	Air 001			mud weight Bentonite-sand slurry		
Diming Mad 1103 140	mc 133			mud weight Bentonite slurry		
16. Drilling additives used?	es 🖾 No			onite Bentonite-cement grout 13 volume added for any of the above	П	50
Describe			 f. How installe 		1579	
17. Source of water (attach analysis, if require				Tremie pumped		
17. Source of water (attach analysis, it require).			Gravity		
FF				a. Bentonite granules 3/8 in. □ 1/2 in. Bentonite chips		
E. Bentonite seal, top ft. MSL	or18.0 f		/ c3	3/8" HOLEPLUG Other ral: Manufacturer, product name & mes	\boxtimes	
F. Fine sand, top ft. MSL	or f		a	0.00		
	20.0		b. Volume added			
G. Filter pack, top ft. MSL	or 20.0_ fi	一州队	/	rial: Manufacturer, product name & me RED FLINT SAND & GRAVEL	sh siz	ze tens
H. Screen joint, top ft. MSL	or		b. Volume added		_	arme.
			9. Well casing:	Flush threaded PVC schedule 40		23
. Well bottom ft. MSL	or24.0 ft	\ [] 1		Flush threaded PVC schedule 80		24
. Filter pack, bottom ft. MSL	or25.0 ft		10. Screen material:	PVC		
			a. Screen Type:	Factory cut		
C. Borehole, bottom ft. MSL	or ft			Continuous slot Other	Trail 1	01
. Borehole, diameter6.0 in.		VIIIIX	b. Manufacturer	BOART LONGYEAR		
2.22			c. Slot size:		2.010	0 in. 0 ft.
M. O.D. well casing 2.37 in.			d. Slotted length		⊠	
I. I.D. well casing 2.06 in.			- Devinin Himselfin	Other	200	18546/546
E L JOS A JAN CO.		14 A L	1.1.			_
hereby certify that the information on this form	n is true and correct			emirana emirana	250	moor
John & Rich		DOAK! LONG!	EAR COMPANY STREET SCHOFIELD, WI	Tel: 715- 54476 Fax: 715-		

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater	☐ Waste Ma	anagement	MONITORING WEL	L CONSTR	UCTION
Part of the second seco	Remediation/Redevelops			Form 4400-113A	Rev. 7-9	8
Facility/Project Name	Local Grid Location of W	'ell	ПЕ	Well Name		
BARR ENGINEERING	ft. □ N Local Grid Origin ⊠ (ft.	₩.	AS-26N		
Facility License, Permit or Monitoring No.	Local Grid Origin 🛛 ((estimated: 🔲) or V	Well Location	Wis. Unique Well No. DNR Well Number		
0	Lat '	Long	or			
Facility ID	St. Plane	. ft. N,	_ft.E. S/C/N	Date Well Installed	2141	
	Section Location of Waste	e/Source		03/19.		
Type of Well	1/4 of 1/4 c	of Sec, T	_N. R DE	Well Installed By: (Pers	on's Name ar	nd Firm)
Well Code 62/as	Location of Well Relative		Gov. Lot Number	MAT V	VHITE	
Distance from Waste/ Source ft. Enf. Stds. Apply	u □ Upgradient d □ Downgradient	s □ Sidegradient n □ Not Known		BOART LON	GYEAR E&	1
A. Protective pipe, top elevation	ft. MSL		 Cap and lock? 		☐ Yes	⊠ No
B. Well casing, top elevation	2.00 ft, MSL	HP	Protective cover pi a. Inside diameter:	The second	-	in
C. Land surface elevation	ft. MSL <		b. Length:		_	ft
5.5.1.1.	0.0 0 57575	THE VIEW	c. Material:		Steel	□ 04
D. Surface seal, bottom ft. MSL	or H.					
12. USCS classification of soil near screen:	375/10	Marie A Contain	d. Additional prote		☐ Yes	⊠ No
	W □ SP □	1111111	If yes, describe:			-
SM SC ML MH C	L CH C		Surface seal:		Bentonite	⊠ 30
Name and the control of the control			. Durince ben.		Concrete	797979307
	s 🗆 No		5		Other	
	y □50	₩ ₩ `4	. Material between v	vell casing and protective	7.0	
Hollow Stem Augu					Bentonite	
MINI SONIC Other	r 🛛 🚟		·		Other	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5		a. Granular/Chippe		
	t 🗆 0 1			d weight Bentonite		
Drilling Mud 0 3 Non	e □99		cLbs/gal mu		tonite slurry	
16. Drilling additives used? ☐ Ye	s 🛮 No	X X X X	d% Bentonin		ement grout	□ 50
To. Driming accounts about.				olume added for any of t		(c.s. li ii
Describe			f. How installed:	900	Tremie	
17. Source of water (attach analysis, if required				Tren	nie pumped	
21. 22 - 23	72				Gravity	
21		6.	. Bentonite seal:		ite granules	
E. Bentonite seal, top ft. MSL	180 a		b. □ 1/4 in. □ 3/8" c. 3/8"	/8 in. □ 1/2 in. Ben 'HOLEPLUG	tonite chips	
		5 5 6 6 7 7 7		Manufacturer, product n		THE TRANSPORT
F. Fine sand, top ft. MSL of	or ft. \		a			
	20.0		b. Volume added _			
G. Filter pack, top ft. MSL o	r ft	M M /8		Manufacturer, product		Victoria.
	220 -		Who are a server with the serv	D FLINT SAND & GRA	VEL	
H. Screen joint, top ft. MSL o	or		b. Volume added _	ft ³		
	24.0	9	. Well casing:	Flush threaded PVC s		⊠ 23
I. Well bottom ft. MSL o	or			Flush threaded PVC s		41611724
	25.0		Taxon of the Company of the Company	DVC	Other	- 1000000000
J. Filter pack, bottom ft. MSL o	r25.0 ft		Screen material:	PVC		
7 D 1111	25.0 ft \		a. Screen Type:		Factory cut	
K. Borehole, bottom ft. MSL c	or25.0 ft			Cont	inuous slot	145,0050
Borehole diameter 6.0 in.		V///XX	b. Manufacturer _	BOART LONGYEA	Other I	
L. Borehole, diameter6.0 in.			c. Slot size:	DOLLIN LONGILA	-	.010 in.
M. O.D. well casing 2.37 in.			d. Slotted length:			2.0 ft.
M. O.D. well casing	8,1	111	Backfill material (be	low filter nack).	None I	
206		11.	Dackim material (De	now thici pack),	Other [3500000
N. I.D. well casing 2.06 in.			***************************************		- Onici I	
I haraby antify that the information on this farm	is true and gorroot to the be	et of my knowledge	The section of the se			
I hereby certify that the information on this form	(Circo		D 1377		Tillian galages	
John flet	DUA	RT LONGYEAR COM ALDERSON STREET S		76	Tel: 715-3 Fax: 715-3	
7 7 - 0 - 2 7 8	1017			4.5	- was / 10"D	A A 1 TA

From: Karl Beaster < Karl. Beaster@enbridge.com>

Sent: Tuesday, August 09, 2016 11:11 AM

To: Stoltz, Carrie R - DNR

Subject: RE: Enbridge MP 85 site - decomissioning plan

Attachments: 160809_MP 85_Supplemental AS and Select Well Abandonment Plan_part

2.pdf

Follow Up Flag: Follow up

Due By: Friday, August 12, 2016 11:00 AM

Flag Status: Completed

And here is part 2.

Karl

From: Karl Beaster

Sent: Tuesday, August 09, 2016 11:05 AM

To: 'Stoltz, Carrie R - DNR'

Subject: RE: Enbridge MP 85 site - decomissioning plan

Hi Carrie – the message below got kicked back to me due to file size so I am going to split the document up into two parts. Attached is part 1.

Karl

From: Karl Beaster

Sent: Tuesday, August 09, 2016 10:55 AM

To: Stoltz, Carrie R - DNR

Subject: Enbridge MP 85 site - decomissioning plan

Hi Carrie – as previously discussed, attached is the plan for the first phase of decommissioning at the Enbridge Line 14 MP 85 Reichel Road site near Exeland, WI. This plan indicates what part of the AS system we intend to abandon as well as which peripheral monitoring wells we propose to abandon at this point in the project. Please review and let me know if you have any questions/comments. We are tentatively planning to conduct this work in late September/early October.

Thanks a lot,

Karl

Karl F. Beaster, PG

Sr. Environmental Analyst, LP US Environment Operations

ENBRIDGE

TEL: 715-398-4754 | CELL: 715-718-1040 119 N. 25th St. East, Superior, WI 54880

enbridge.com

Integrity. Safety. Respect.

From: Stoltz, Carrie R - DNR [mailto:Carrie.Stoltz@wisconsin.gov]

Sent: Monday, June 06, 2016 3:33 PM

To: Karl Beaster

Subject: RE: Enbridge Status

HI Karl, glad to finally meet with you as well! I too believe the meeting was very productive and will bring the site to closure. I would like to see the site if at all possible, so when you have time, let me know. Have a great day! Carrie

We are committed to service excellence.

Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Carrie Stoltz

Phone (715)365-8942 Carrie.Stoltz@Wisconsin.gov

From: Karl Beaster [mailto:Karl.Beaster@enbridge.com]

Sent: Monday, June 06, 2016 3:25 PM

To: Stoltz, Carrie R - DNR **Subject:** RE: Enbridge Status

Hi Carrie – thanks a lot for taking the time to meet with me last week. It was great to finally connect with you and I think we had a very productive discussion regarding the MP 85 site. I've spoken with my consultant and we'll plan to email you our first stage of decommissioning plan prior to our mobilization later this summer. Coleman will actually be at the site this week performing the June sampling and O&M events. We'll see how the redevelopment goes at RW-3 as well.

Thanks again!

Karl

Karl F. Beaster, PG

Sr. Environmental Analyst, LP US Environment Operations

ENBRIDGE

TEL: 715-398-4754 | CELL: 715-718-1040 119 N. 25th St. East, Superior, WI 54880

enbridge.com

Integrity. Safety. Respect.

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Attachment:
Supplemental AS System Line 2 Sparge Point Construction
Forms

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater		nagement	MONITORING WEL	L CONSTR		TION
F 31 75 1	Remediation/Redevelopm			Form 4400-113A	Rev. 7-	18	
Facility/Project Name BARR ENGINEERING	Local Grid Location of Wel	П	DE.	Well Name	-1S		
Facility License, Permit or Monitoring No.	ft. □ N. Local Grid Origin ⊠ (es	stimated:) or W	Vell Location	Wis. Unique Well No.		Num	iber
O	Lat,,			Date Well Installed	1		-
Facility ID	St. Plane Section Location of Waste/S	ft. N,	ft. E. S/C/N		9/2008		
Type of Well	Section Location of wasters	Source	ΠE	Well Installed By: (Per		and I	Firm)
Well Code 62/as	1/4 of 1/4 of	Sec T	.N, R W	37. 3	WHITE	ma i	шш
Distance from Waste/ Enf. Stds.		s Sidegradient	Gov. Lot Number	BOART LON		b-T	
	d Downgradient		. Cap and lock?	BOART BOT	☐ Ye		No
	2.00 ft. MSL		. Protective cover pi		_ 10		
	ft, MSL		a. Inside diameter:b. Length:		-		in.
		The state of the s	c. Material;		Steel		0 4
D. Surface seal, bottom ft. MSL	or n				Other		
12. USCS classification of soil near screen: GP □ GM □ GC □ GW □ SV	V D SP D	VIII X	d. Additional prote	ction?	☐ Yes	: 🖂	No
SM SC ML MH C		们 間 / / /	. Surface seal:		Bentonite	_ ⊠	30
Bedrock 13 Simon being trade 19	- DN-		. Surrace seat:		Concrete		
13. Sieve analysis attached?			Manufallian		Other		ENER
14. Drilling method used: Rotar Hollow Stem Auge	y □50	4	. Material between v	vell casing and protective	Bentonite	П	3.0
MINI SONIC Othe	r 🗆 🚟 📗				Other	×	
15. Drilling fluid used: Water □ 0 2 A	r 🗆 0 1	5.		a. Granular/Chipp			
Drilling Mud 03 Non		B B 5		nd weight Bentonite and weight Ben			
	s ⊠ No	d d	I% Bentoni	te Bentonite-colume added for any of	ement grout		
Describe		f f	f. How installed:		Tremie		01
17. Source of water (attach analysis, if required				Tre	mie pumped		
, , , , , , , , , , , , , , , , , , , ,			Destroits and	- Poster	Gravity		
A		/°	Bentonite seal: b. □ 1/4 in. □ 3.	/8 in. □ 1/2 in. Ber	nite granules atonite chips		32
E. Bentonite seal, top ft. MSL o	rft.	7.		HOLEPLUG Manufacturer, product			
F. Fine sand, top ft. MSL o	r ft. \		a b. Volume added _	fi³		_	
G. Filter pack, top ft. MSL c	r19.0 ft.	8.	Filter pack material	: Manufacturer, product	name & me	sh si	ize sout
H. Screen joint, top ft. MSL o	r		b. Volume added _	D FLINT SAND & GRA		_	2000
	22.0	1 9.	Well casing:	Flush threaded PVC		\boxtimes	23
I. Well bottom ft. MSL c	r ft.			Flush threaded PVC	schedule 80 Other		24
J. Filter pack, bottom ft. MSL o	r25.0 ft.	10.	Screen material: _	PVC	Factory cut		11
K. Borehole, bottom ft. MSL c	r25.0 ft		a. Screen Type:	Con	tinuous slot		01
L. Borchole, diameter6.0 in.			b. Manufacturer _	BOART LONGYE	Other		
			c. Slot size:		_		10 in.
M. O.D. well casing 2.37 in.		1	d. Slotted length:	down filter and a			.0 ft.
N. I.D, well casing 2.06 in.		11.	Backfill material (be	elow filter pack):	None Other		WEST STATE OF
I harake partify that the in Connection and this Connection	is true and correct to the best	t of my knowledge					
I hereby certify that the information on this form Signature	Eigen	T LONGYEAR COMP	DANIV		Tel: 715-	250	7000
John & Red		DERSON STREET S		176	Fax: 715-		C
2	and the second s	dista DAID affine and house	and Committee of the	and the second s	160 001 00	2 20	APS .

Route To:	Watershed/Wastewater Remediation/Redevelopme	The state of the s	nagement		v. 7-98	UCTIO 8
Facility/Project Name	Local Grid Location of Well		- Car	Well Name		
BARR ENGINEERING		ft.	DE. DW.	AS-2S		
Facility License, Permit or Monitoring No.	Local Grid Origin (est	imated: 🔲) or V	Well Location	Wis. Unique Well No. DNR	Well N	umber
0	Lat '	Long				
acility ID	St. Plane ft.	. N,	ft. E. S/C/N	Date Well Installed		
	Section Location of Waste/So	ource		03/19/2008		
ype of Well	1/4 of 1/4 of S	ec. T	_N.R BE	Well Installed By: (Person's N		id Firm)
Well Code 62/as Distance from Waste/ Enf. Stds.	Location of Well Relative to	Waste/Source	Gov. Lot Number	MAT WHITE		
Source Apply	TOTAL TOTAL	☐ Sidegradient		BOART LONGYEA	D E 9-1	
<u> </u>		□ Not Known	. Cap and lock?	ALL PARKS		⊠ No
20,747 20	ft. MSL		2. Protective cover p		100	EN 140
. Well casing, top elevation	2.00 ft. MSL	THIS	a. Inside diameter:			
Land surface elevation	ft. MSL <		b. Length:		2	
		1 Programme	c. Material:		Steel	□ 04
. Surface seal, bottom ft. MSI	orft.		-		Other	
12. USCS classification of soil near screen:	DIXOLONA.	A CONTON	d. Additional prote		Yes	⊠ No
	W D SP D	3 4. 5. 5. 6. 6.	If yes, describe:	ALT STATE SHEET	MEZ-	
SM □ SC □ ML □ MH □ C Bedrock □	LO CHO		. Surface seal:			⊠ 30
	es 🗆 No			(00)		□ 01
PORTUGEN AND THE WEST STATE OF THE STATE OF	3 010	▩ \.)ther	
~ Text (2007) 1 (199	y 🗆 5 0	A 8	. Material between v	well casing and protective pipe:		
Hollow Stem Aug MINI SONIC Oth	er □ 41	∅ ₩				□ 3 (図 ■
- Jan 13 doi: 10 doi:	er Manage					
5. Drilling fluid used: Water □ 0 2 A	ir 🗆 0 1	5.	. Annular space seal	The state of the s		
Drilling Mud 03 Nor	e 🗆 9 9	₩ □		ud weight Bentonite-sand s	District and the second	
			cLbs/gal mu l% Bentoni			
6. Drilling additives used? ☐ Ye	s ⊠No			volume added for any of the above		Ц 50
			f. How installed:	150		□ 01
Describe		≋ ≋ '	. 110w mstaneu.	Tremie pun		
Source of water (attach analysis, if required):					□ 08
		8 8 6	Bentonite seal:	a. Bentonite gran	etses	
77 mm - 1 2 mm		3 3 7		/8 in. □ 1/2 in. Bentonite of		
Bentonite seal, top ft. MSL	or 18.0 ft.			'HOLEPLUG C		
		3 4, 5. b c d d e f	Fine sand material:	Manufacturer, product name &		
Fine sand, top ft. MSL e	or ft.\		a		100000000000000000000000000000000000000	2504
			b. Volume added _	ft³		
Filter pack, top ft. MSL of	or	3 8/ 8.	Filter pack material	: Manufacturer, product name &	e mesh	size
			a#40 REI	D FLINT SAND & GRAVEL		
Screen joint, top ft. MSL of	r22.0 ft.	+H/	b. Volume added _	ft ³		
		□ / 9.	Well casing:	Flush threaded PVC schedul	e 40 E	⊠ 23
Well bottom ft. MSL o	r 24.0 ft	唐1		Flush threaded PVC schedul	80 E	□ 24
			P	0	ther [
Filter pack, bottom ft. MSL c	r	/国 10.	Screen material: _	PVC		ioni.
			a. Screen Type:	Factory	cut 🛭	11
Borehole, bottom ft. MSL o	r			Continuous		907912231
e Week ex		///	-10		ther [
Borehole, diameter6.0 in.	4		b. Manufacturer _	BOART LONGYEAR	0	010
227			c. Slot size:	at.		010 ir
O.D. well casing 2.37 in.	*	X	d. Slotted length:			2.0 f
206	90	11.	Backfill material (be	7 2		3 14 3
I.D. well casing	**		· · · · · · · · · · · · · · · · · · ·		Her L	J 2000

State of Wisconsin Department of Natural Resources Route To:	Watershed	Wastewater	Waste Ma	anagement	MONITORING WEL	L CONSTR	RUCTI	ON
	Remediation	on/Redevelopment [Other []	Form 4400-113A	Rev. 7-9	98	
Facility/Project Name		ocation of Well			Well Name		5011-55-1	
BARR ENGINEERING		ft. □ N	ft.	- H 🛱 .	AS	5-3S		
Facility License, Permit or Monitoring No.	Local Grid C	origin 🛛 (estimat	ed: 🔲) or V	Well Location	Wis. Unique Well No.	DNR Well	Number	
0	Lat.	1 11	Long	or				
Facility ID	- WANDOW 100	ft. N,	213010 -		Date Well Installed			
	Section Loca	tion of Waste/Source	-	_ II. E. 3/C/N	03/20	0/2008		
Type of Well	Total on Loca	don or wasterboares		DE	Well Installed By: (Per		and Firm	n)
Well Code 62/as	1/4 of	1/4 of Sec.	, T	_N, R W	God reviews	WHITE		
Distance from Waste/ Enf. Stds.	TOCATION OF	A CIT ICCIDITAC TO AN US	te/Source Sidegradient	Gov. Lot Number	WILL	MIHILD		
Source ft. Apply	1	ngradient n		No.	BOARTLON	GYEAR E&	ŁΙ	
				1. Cap and lock?		☐ Ye	e M N	Jo.
A. Protective pipe, top elevation	IL IVIS	L		2. Protective cover pi	ne		V 144	
B. Well casing, top elevation	2.00 ft. MS	L	78	a. Inside diameter:				in
C. I and applicant algorithm	ft. MS	.		b. Length:		17-		- ft
			1	c. Material:		Steel	0 🗆	-
D. Surface seal, bottom ft. MSL	or0.0	ft.	100000	C. Iviaioriai.		Other	3440	
12. USCS classification of soil near screen:	1,000		A A CONTROL	d. Additional prote	ection?	☐ Yes		
	W 🗆 SP 🗆	1 / 1	X	If we describe:			, 24 1	U
	CHE					Bentonite	N 2	0
Bedrock □			₩ \ \°3	Surface seal:		Concrete		36
13. Sieve analysis attached?	s 🗆 No							
Rest CRASHED THE SECOND NO.							L	Carral .
	y □50		₩ 4	. Material between v	vell casing and protective		П 2	0
Hollow Stem Auge MINI SONIC Othe						Bentonite		
MINI SONIC Othe	T Minin			7-11-10-11-1		Otner	M	
			5	 Annular space seal 				
	ir 🗆 0 1		⋈ 1		id weight Bentonite			
Drilling Mud □ 0 3 Non	е 1199				ad weight Ben			
16. Drilling additives used? ☐ Ye	s 🛮 No			d% Bentoni		cement grout	□ 5	0
10. Drining additives used?	S MINO			eFt ³ v	volume added for any of	the above		
5 7				f. How installed:		Tremie	□ 0	1
Describe		- ■			Tre	mie pumped	⊠ 0	2
17. Source of water (attach analysis, if required)	i.					Gravity	□ 0	8
	11 296		6	. Bentonite seal:	a. Bentor	nite granules	□ 3	3
			₩ /	b. 🗆 1/4 in. 🔲 3.	/8 in. □ 1/2 in. Ber			
E. Bentonite seal, top ft. MSL o	or18.0	ft.	5 5 7 7	c3/8'	HOLEPLUG Manufacturer, product	Other		
E E' I to-	262	. \ 🛭			Triminiaciarer, product	idine ee mesi	idi	nep
F. Fine sand, top ft. MSL o	r	ft.		a	ft ³			4591
	20.0	1 13	/ /.	b. Volume added	The state of the s			
G. Filter pack, top ft. MSL o	or20.0	ft.	18	and the second of the second o	: Manufacturer, product		TAXABLE	Str
and the same	22.0			***	D FLINT SAND & GRA		100	
H. Screen joint, top ft. MSL o	or22.0	ft.		b. Volume added .	ft³			
P25257 (1996) 9775 (1997)	25.0		9.	. Well casing:	Flush threaded PVC		⊠ 23	50
I. Well bottom ft. MSL o	er25.0	ft. \			Flush threaded PVC		103745	6116r
			1	-		Other		#
J. Filter pack, bottom ft. MSL o	r25.0	n	10.	. Screen material: _	PVC			1
		VIII		a. Screen Type:		Factory cut	⊠ 1	1
K. Borehole, bottom ft. MSL o	r25.0	ft		*	Con	tinuous slot	□ 0 1	L
			%			Other		ă
L. Borehole, diameter6.0 in.		VIII	228	b. Manufacturer _	BOART LONGYEA		2	
				c. Slot size:			0.010	in.
M. O.D. well casing 2.37 in.				d. Slotted length:		2000	2.0	ft.
COMPANY ACTION CONTROL			11.	Backfill material (be	elow filter pack):	None	⊠ 14	
N. I.D. well casing 2.06 in.								
I hereby certify that the information on this form	is true and cor	rect to the best of my	knowledge					
Signature 1 0 0		Cime	NGYEAR COM	DANV	4:10-14	Tel: 715-	350 70	00
John D.				CHOFIELD, WI 544	176	Fax: 715-		
PA . PULA!	100 - 10 - 10	2022300000			1901 - 0 7 794 1901		1	

State of Wisconsin							
Department of Natural Resources Route To:	Watershed/Wastev Remediation/Rede		anagement	MONITORING WELL Form 4400-113A	L CONSTR Rev. 7-9		ON
Facility/Project Name	Local Grid Location	of Well		Well Name			
BARR ENGINEERING	ft.	□ N.	- 🖁 📆	AS-			- True
Facility License, Permit or Monitoring No.	Local Grid Origin	(estimated:) or	Well Location	Wis. Unique Well No.	DNR Well N	Number	
О	Lat '	Long	or				
Facility ID	St. Plane	ft. N,	_ ft. E. S/C/N	Date Well Installed	2000		
Type of Well	Section Location of	waste/Source	DE	Well Installed By: (Pers	on's Name a	nd Firm	n)
Well Code 62/as		. 1/4 of Sec, T	_N, R W				-/
Distance from Waste/ Enf. Stds.	u 🛘 Upgradient		Gov. Lot Number	BOART LONG	1/3	-T	-
	ft. MSL —	nt n 🗆 Not Known	1. Cap and lock?	Boiler Boile	⊠ Yes		Jo.
			Protective cover pi	ine:	- 10	,	
B. Well casing, top elevation	4,00 ft. MSL	H 10	a. Inside diameter:		<u> 2</u>		in.
C. Land surface elevation	ft. MSL 🔍		b. Length:		-		. ft.
		THE PARTY OF THE P	c. Material:		Steel	□ 0	4
D. Surface seal, bottom ft. MSL	or ft.				Other		
12. USCS classification of soil near screen:	20	ACTION !	d. Additional prote		☐ Yes	⊠ N	0
	V D SP D	/ / / / /	If yes, describe:	1000		- V	
SM SC ML MH CI	CH CH C	M M / /	3. Surface seal:		Bentonite	⊠ 3	0
Total Andrew Market Control of the C	5 33		o. Burnet sear.		Concrete		1.753
Selection supplementations and supplementation of the same	s 🗆 No						217
9	y □50	■ ■ `'	 Material between v 	vell casing and protective	70.70		ŧ.
Hollow Stem Auge					Bentonite		
MINI SONIC Other	r 🛛 🧮		(3-11-11-11-11-11-11-11-11-11-11-11-11-11		Other		513
Is Diving 11 - 1 West Floor	По1	S S		: a, Granular/Chipped			
15. Drilling fluid used: Water □ 0 2 Ai Drilling Mud □ 0 3 Non	r 🗆 0 1			ad weight Bentonite-	70		
Drilling Mud. [203 Non	3 1199		cLbs/gal mu		onite slurry		
16. Drilling additives used? ☐ Ye	s ⊠ No		d% Bentoni			□ 50	0
The Control of the Co				volume added for any of the		П 0	
Describe			f. How installed:	Tunn	Tremie		
17. Source of water (attach analysis, if required)	12			Tiell	nie pumped Gravity		
			Dentanita sast	a Dantoni			
		·		a. Bentoni /8 in. □1/2 in. Bent			
E. Bentonite seal, top ft. MSL o	190 a			78 III. 11/2 III. Delli			
E. Benionite seal, top it. MSL 6	r п_ \		. Fine sand material:	Manufacturer, product n	ame & mesh	ı size	
F. Fine sand, top ft. MSL o	or ft. \		a				
			b. Volume added _				
G. Filter pack, top ft. MSL c	r ft. \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	(7)	: Manufacturer, product in DFLINT SAND & GRA		h size	Ħ
H. Screen joint, top ft. MSL o	т <u>23.0</u> ft. —		b. Volume added _	ft ³	1 2020	_ ==	-
ii. Selectifolit, top it 1450 c	1 1.		. Well casing:	Flush threaded PVC so	chedule 40	☑ 23	1
I. Well bottom ft. MSL o	r25.0_ ft. <		. Wen custing.	Flush threaded PVC so			
11.11.00				110011 0010000 1 1 0 0	_ Other	DESCRIPTION OF THE PARTY OF THE	40
J. Filter pack, bottom ft. MSL o	r25.0 ft. ~	_\	. Screen material:	PVC			
		VIIIII)	a. Screen Type:	I	Factory cut	⊠ 11	
K. Borehole, bottom ft. MSL o	r25.0 ft. <		The state of the s	Conti	inuous slot	□ 01	ĺ.
					_ Other	ه م	I Wille
L. Borehole, diameter6.0 in.		VIIII N	b. Manufacturer _	BOART LONGYEA			
			c. Slot size:		_(0.010	in.
M. O.D. well casing 2.37 in.			d. Slotted length:		8	2.0	ft.
		11.	. Backfill material (be	elow filter pack):	None	He will be a first	
N. I.D. well casing 2.06 in.				MARINE SALESAN	_ Other		THE STATE OF
				- in			
I hereby certify that the information on this form	120	the best of my knowledge.					_
Signature John Liel.	974	BOART LONGYEAR COM			Tel: 715-3	359-709	90
		101 ALDERSON STREET S	SCHOFIELD, WI 544	176	Fax: 715-3	355-571	15

State of Wisconsin Department of Natural Resources Route To:	Watershed/Waster		fanagement	MONITORING WEL		
W W. m 1 34	Remediation/Rede			Form 4400-113A	Rev. 7-	98
Facility/Project Name BARR ENGINEERING	Local Grid Location	IINf	t. DE.	Well Name AS	-5S	
Facility License, Permit or Monitoring No.	Local Grid Origin	(estimated:) or Long.	Well Location	Wis. Unique Well No.		Number
Facility ID	-			Date Well Installed		
racinty ii	St. Plane	ft. N, Waste/Source	ft. E. S/C/N	03/11/	/2008	
Type of Well				Well Installed By: (Pers	on's Name	and Firm
Well Code 62/as	1/4 of	1/4 of Sec, T	_N, R 🗆 W	WES IN		
Distance from Waste/ Enf. Stds.	u 🛘 Upgradient	lative to Waste/Source s ☐ Sidegradient ent n ☐ Not Known	Gov. Lot Number	BOARTLON		èΙ
A. Protective pipe, top elevation	ft. MSL	an n ii ivoi kilomi	1. Cap and lock?		☐ Ye	s 🛛 No
B. Well casing, top elevation	4.00 ft. MSL -		Protective cover pi a. Inside diameter:			
C. Land surface elevation	ft. MSL <		b. Length:			
			c. Material:		Steel	0 0
D. Surface seal, bottom ft. MSL	or ft.		- 7			
12. USCS classification of soil near screen:	3	Sales de la contraction de la	d. Additional prote	ection?	- □ Yes	
SM SC ML MH CI	V SP CH CH C		If yes, describe: 3. Surface seal:		Bentonite	
Bedrock □			3. Surface seal.		Concrete	10000
13. Sieve analysis attached?	s 🗆 No					
14. Drilling method used: Rotar	y □50	■ ■ '	 Material between v 	vell casing and protective		
Hollow Stem Auge MINI SONIC Othe					Bentonite Other	□ 3 C
		₩	5. Annular space seal	a. Granular/Chippe	d Bentonite	□ 33
15. Drilling fluid used: Water □ 0 2 Ai	ir 🗆 0 1			id weight Bentonite		
Drilling Mud □ 0 3 Non	e □99		cLbs/gal mi		onite slurry	
ne for a very series				te Bentonite-ce		
16. Drilling additives used? ☐ Ye	s 🖾 No			volume added for any of t		
			f. How installed:			□ 01
Describe			an and the same of	Tren	nie pumped	
17. Source of water (attach analysis, if required)):	₩ ₩		1377.476		□ 08
			6 Rentonite seal	a. Benton		
11.3				/8 in. □ 1/2 in. Bent		
E. Bentonite seal, top ft. MSL o	or17.0 ft. \		c	Manufacturer, product n	Other	
F. Fine sand, top ft. MSL o	or ft. <		a		ame & mes	
	20.0		b. Volume added .			
G. Filter pack, top ft. MSL o	24.5		a#40 REI	: Manufacturer, product : D FLINT SAND & GRA		in size
H. Screen joint, top ft. MSL o	or21.0_ ft		b. Volume added _	Flush threaded PVC s	-1 - 1-1 - 10	F3 22
. Well bottom ft. MSL c	or23.0 ft. <		9. Well casing:	Flush threaded PVC s	chedule 80	5000
f. Filter pack, bottom ft. MSL o	or23.0 ft. ~	10). Screen material: _	PVC	Other	日題題
K. Borehole, bottom ft. MSL o	r <u>23.0</u> ft. \		a. Screen Type:		Factory cut inuous slot	
				BOART LONGYEA	Other	
Borehole, diameter6.0 in.			b. Manufacturer '_c. Slot size:	BOART LONGTEA		0.010 i
M. O.D. well casing 2.37 in.			d. Slotted length:		_	2.0
		111	. Backfill material (bo	elow filter pack):		⊠ 14
N. I.D. well casing			-		_ Otner	
I hereby certify that the information on this form	is true and correct to	the best of my knowledge				
Signature I O.A.	Itima	BOART LONGYEAR COM	MD A NTV		Tel: 715-	250 200
John the		101 ALDERSON STREET		176	Fax: 715-	
OL 14 1 1 F 4400 1128 2001 4400 1121	2 1	The Party of the P	Completion of the		100 201 200	2000

State of Wisconsin						
Department of Natural Resources Route To:	Watershed/Wastewate Remediation/Redevelo		anagement 🗆	MONITORING WELL CO. Form 4400-113A R	NSTRU ev. 7-98	
Facility/Project Name	Local Grid Location of		######################################	Well Name		
BARR ENGINEERING	1n. H	N. S. ft. (estimated:) or V	. H &	AS-6S		
Facility License, Permit or Monitoring No.	Local Grid Origin 🛛	(estimated:) or \	Well Location	Wis. Unique Well No. DNR	Well Nu	ımber
0	Lat. o '	" Long. "				
Facility ID		Nation:		Date Well Installed		
		ft. N,	_ ft. E. S/C/N	03/11/2008		
Type of Well	Section Location of Was	ste/Source	DE		Jame and	(Firm)
	1/4 of 1/4	4 of Sec, T	_n, r🛛 w	F 03:		Lilling
Well Code 62/as Distance from Waste/ Enf. Stds.	Location of Well Relativ	ve to Waste/Source	Gov. Lot Number	WES IMHOF	F	
Source fi. Apply	u □ Upgradient d □ Downgradient	s Sidegradient n Not Known		BOART LONGYEA		
A. Protective pipe, top elevation	ft. MSL		 Cap and lock? 	Ε	J Yes ₺	⊠ No
B. Well casing, top elevation	4.00 ft. MSL		Protective cover pi a. Inside diameter:			in.
C. Land surface elevation	ft. MSL \		b. Length:			ft
			c. Material:		Steel [□ 04
D. Surface seal, bottom ft. MSL	or ft.		V. 171111111		Other 5	HOUSE SE
12. USCS classification of soil near screen:		The Control of the Co	d. Additional prote		Yes E	
	VII CD II	VIIIX	If yes describe			110
	W D SP D		11 900, 40001100.		ntonite D	× 30
Bedrock □	, D CH D		3. Surface seal:			
The state of the s	es 🗆 No				ncrete [
The state of the second						_ muse
	y □50	■ ■ ``4	4. Material between v	well casing and protective pipe:		
Hollow Stem Aug					tonite [
MINI SONIC Other	er 🛛 🖽				Other D	
		■ ■ 5	5. Annular space seal	: a. Granular/Chipped Ben	tonite [33
[10] [10] [10] [10] [10] [10] [10] [10]	ir □01		bLbs/gal m	ud weight Bentonite-sand	slurry [35
Drilling Mud □ 0 3 Nor	e □99		cLbs/gal m	ud weight Bentonite	slurry [31
Bertretten 1904 - 100 Strate -	41000000011			ite Bentonite-cement		
16. Drilling additives used?	s 🖾 No			volume added for any of the abo	120000000	EN CHARLE
			f. How installed:	The state of the s	remie [7 01
Describe			1. How instance.	Tremie pu		
17. Source of water (attach analysis, if required):				ravity C	
	2.		20		100	
· · · · · · · · · · · · · · · · · · ·	The second second	- ₩ ₩ / ⁶	5. Bentonite seal:	# 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	A1400A1 22		b. □1/4 in. ⊠3	8/8 in. □ 1/2 in. Bentonite		
E. Bentonite seal, top ft. MSL	or17.0 ft.		c 7. Fine sand material:	Manufacturer, product name &		
F. Fine sand, top ft. MSL	or ft.		a			
	/	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	b. Volume added .	ft³		
G. Filter pack, top ft. MSL	or20.0 ft		B. Filter pack material	l: Manufacturer, product name	& mesh	size
0.1 mo patin, top m		3 // /*	. O.A.	D FLINT SAND & GRAVEL		
H. Screen joint, top ft. MSL	or		b. Volume added	ft³		and the
H. Screen jour, top It. 1915E	n			Flush threaded PVC schedu	Je 40 5	7 22
	or23.0_ ft. <		. Well casing:			
I. Well bottom ft. MSL o	ir II.			Flush threaded PVC schedu		
	22.0				Other [The second second
J. Filter pack, bottom ft. MSL o	or23.0 ft	_ 10	. Screen material: _	PVC		
		VIIII	a. Screen Type:	Factor	ry cut 🗵	3 11
K. Borehole, bottom ft. MSL of	or23.0 ft. <	<i>\(\(\(\(\(\(\) \)</i>		Continuou	s slot	3 0 1
Established State (State Control of State Control of Stat		< <i>V//XX</i>			Other []
L. Borehole, diameter6.0 in.		VIIIIX	b. Manufacturer	BOART LONGYEAR	-	
and the second s			c. Slot size:		0.0	010 in.
M. O.D. well casing 2.37 in.			d. Slotted length:			2.0 ft.
M. O.D. well casing 2.37 in.		\ 11	. Backfill material (b	elow filter nack)	None 🗵	
206		11.	. Dawrin material (D		Other	
N. I.D. well casing			****		Juiel L	1 2000
I hereby certify that the information on this form	Trian-		Land A	S. Contraction	85	- 19
Signature John Kerl	60000	ART LONGYEAR COM			: 715-35	
11.	101	ALDERSON STREET S	SCHOFIELD, WI 54	476 Fax	: 715-35	5-5715

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater Waste 1	Management	MONITORING WELL CONSTI	RUCTION
Decomposition of the control of the	Remediation/Redevelopment Other		Form 4400-113A Rev. 7-	-98
Facility/Project Name	Local Grid Location of Well	ПР	Well Name	
BARR ENGINEERING	n	£ ¦₩.	AS-7S	
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated:) or		Wis, Unique Well No. DNR Well	Number
O	Lat° " Long°	or		
Facility ID	St. Plane ft. N,	ft E. S/C/N	Date Well Installed	are el in or
	Section Location of Waste/Source		03/11/2008	
Type of Well	1/4 of 1/4 of Sec. 75	N.B. DE	Well Installed By: (Person's Name	and Firm)
Well Code 62/as	1/4 of1/4 of SecT Location of Well Relative to Waste/Source	Gov. Lot Number	WES IMHOFF	
Distance from Waste/ Source ft. Enf. Stds. Apply	u □ Upgradient s □ Sidegradient	GOV. LOCINAME	BOART LONGYEAR E&	&I
A. Protective pipe, top elevation	ft. MSL	- 1. Cap and lock?	□ Ye	es 🛭 No
B. Well casing, top elevation	4.00 ft. MSL	 Protective cover page a. Inside diameter: 	-	in.
C. Land surface elevation		b. Length:		ft.
D C C 11 0.160	0.0	c. Material;	Stee	1 🗆 04
D. Surface seal, bottom ft. MSL	or the season of		Other	r 🛛 📗
12. USCS classification of soil near screen:	water to the same	d. Additional prote		s 🛛 No
		If yes, describe:		_
SM SC ML MH CL Bedrock D		3. Surface seal:	Bentonite	≥ ⊠ 30
		J. Our lace bear.		01
	s 🗆 No		Other	
	7 🗆 5 0	4. Material between v	well casing and protective pipe:	
Hollow Stem Auge MINI SONIC Other			Bentonite	and depote the
MINI SONIC Other		-	Other	
15. Drilling fluid used: Water □ 0 2 Air	01		: - a. Granular/Chipped Bentonite	
Drilling Mud 03 None	. 700		ud weight Bentonite-sand slurry	
Diming wind 2003 None			ud weight Bentonite slurry	
16. Drilling additives used? ☐ Yes	⊠ No	d% Bentoni	and the contract of the contra	□ 50
			volume added for any of the above	-
Describe		f. How installed:		01
17. Source of water (attach analysis, if required):			Tremie pumped	□ 08
		(D	The state of the s	
		6. Bentonite seal:	a. Bentonite granules	ACCOUNT OF THE PARTY OF
E. Bentonite seal, top ft. MSL o	CH	c	/8 in. □ 1/2 in. Bentonite chips Other Manufacturer, product name & mes	
F. Fine sand, top ft. MSL or		a	XXXX	n size
0.107	200	b. Volume added		
G. Filter pack, top ft. MSL or		a. #40 RE	: Manufacturer, product name & me D FLINT SAND & GRAVEL	sh size
H. Screen joint, top ft. MSL or		b. Volume added _		
		9. Well casing:	Flush threaded PVC schedule 40	
I. Well bottom ft. MSL or			Flush threaded PVC schedule 80	79.777.332
T 777 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	23.0 .	2 - 3 HWHA 1 W	PVC Other	
J. Filter pack, bottom ft, MSL or		0. Screen material: _		
## ##C 14 1 # 1000 1	22.0	 a. Screen Type: 	Factory cut	
K. Borehole, bottom ft. MSL or			Continuous slot	2542412
I Danielo d'annie 60		h Manufactures	BOART LONGYEAR	
L. Borehole, diameter6.0 in.		b. Manufacturer _c. Slot size:		0.010 in.
M. O.D. well casing 2.37 in.		d. Slotted length:		2.0 ft.
M. O.D. well casing 2.37 in.	1	Backfill material (be	elow filter nack): None	□ 14
N. I.D. well casing	- 1	material (De	The state of the s	
II.		\$0.20E	Jake	
I hereby certify that the information on this form is	true and correct to the hest of my knowledge			
Signature A A	Cirm	MANIV	m.t. are	250 7000
John & Kirl.	BOART LONGYEAR CON 101 ALDERSON STREET			-359-7090 -355-5715
Di	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	11 1 100 001 00	0.000

State of Wisconsin Department of Natural Resources Route To:	Watershed/\	Wastewater	Waste Ma	nagement	MONITORING WEL	L CONSTR	UCTION
(1.000) 		/Redevelopment	Other		Form 4400-113A	Rev. 7-9	8
	Local Grid Lo	cation of Well ft. S		□ E.	Well Name	-8S	
BARR ENGINEERING Facility License, Permit or Monitoring No.	Local Grid Or	igin 🛛 (estimated:		☐ W. Well Location ☐	Wis. Unique Well No.		Vumber
0		" Lor	ng				
Facility ID	St. Plane				Date Well Installed		
Type of Well	Section Locat	ion of Waste/Source		□Е	Well Installed By: (Pers	/2008 son's Name a	nd Firm\
W II G 1 (0)	1/4 of .	1/4 of Sec	, T	_N, R W			iid I minj
Distance from Waste/ Enf. Stds.	Location of W u Upgra	ell Relative to Waste/S	Source idegradient	Gov. Lot Number	WES IN BOART LON		
The second secon		grament II 🗆 N		L. Cap and lock?			□ No
	4.00 ft. MSL		-1	Protective cover pi a. Inside diameter:			in.
	ft. MSL			b. Length:			ft.
			PROTESTION	c. Material:		Steel	□ 04
D. Surface seal, bottom ft. MSL o	or f	t. Sziszisk					
12. USCS classification of soil near screen:		DATE OF THE PARTY	- AKTIKENE	d. Additional prote			⊠ No
4	D SP CH C		1//	If yes, describe:			-
Bedrock D	u chu		\ \ \3	. Surface seal:	9	Bentonite Concrete	
13. Sieve analysis attached?	□ No		₹ \			Other	The second of
10 Day 25	□50		4	. Material between v	vell casing and protective		
Hollow Stem Auger				A. P . CONT. T. C.	•	Bentonite	□ 30
					<u> </u>	Other	
Is Danie delianed West Floor Ale			5		a. Granular/Chippe		
15. Drilling fluid used: Water □ 0 2 Air Drilling Mud □ 0 3 None	01				id weight Bentonite		
Drining wind 203 None	L 22			cLbs/gal mu		tonite slurry	
16. Drilling additives used? ☐ Yes	⊠ No			d% Bentoni eFt³ v	volume added for any of	ement grout the above	□ 30
Describe				f. How installed:		Tremie	7.0
17. Source of water (attach analysis, if required):		I 🗎 🖺	8		Tren	nie pumped	
17. Source of water (attent analysis, it required).						Gravity	
		J	6.	Bentonite seal:	a. Benton /8 in. □ 1/2 in. Ben	ite granules	□ 33 ⊠ 32
E. Bentonite seal, top ft. MSL or	17.0	ft.	/,	c	Manufacturer, product 1	Other	
F. Fine sand, top ft. MSL or				8	CIBOSON MIR BORRACHI	iane & mesn	1000
	20.0	, ,	// .	b. Volume added	: Manufacturer, product		L. Mari
G. Filter pack, top ft. MSL or	20.0	II. / 1	/ /°		D FLINT SAND & GRA		m size
H. Screen joint, top ft. MSL or	21.0	ft.		b. Volume added _		.,,,,,	245000
	00.0		9.	Well casing:	Flush threaded PVC		☑ 23
I. Well bottom ft. MSL or	23.0	ft. \ \ \			Flush threaded PVC	schedule 80 Other	Secretary Secretary
J. Filter pack, bottom ft. MSL or	23.0	n	10.	Screen material: _	PVC		
K. Borehole, bottom ft. MSL or	23.0	ft .		a. Screen Type:		Factory cut tinuous slot	
A. Bololoto, contain it into but		\		Section and the United Section 1		Other	44704700
L. Borehole, diameter6.0 in.		V/////	1	b. Manufacturer _	BOART LONGYEA		0.010 -
2.27				c. Slot size:			0.010 in. 2.0 ft.
M. O.D. well casing 2.37 in.			111	 d. Slotted length: Backfill material (be 	elow filter nack)	None	
N. I.D. well casing 2.06 in.			11.	- Dackini materiai (Bi	nua pata).		
I hereby certify that the information on this form is	o true and sa-	act to the heat of my 1-	nowledge				
		Lenon		DANIV		Tal. 71 = 1	250 7000 *
Signature John F. Rid.		BOAKI LONG		CHOFIELD, WI 544	176	Tel: 715-3 Fax: 715-3	

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater		nagement 🗆	MONITORING WELL CO	NSTR Rev. 7-9		TION
Facility/Project Name	Remediation/Redevelopment Local Grid Location of Well	Other 🗆		Well Name	.ev. 7-9	0	
	D N.		□E.	A CONTRACTOR OF THE PROPERTY O			
BARR ENGINEERING Facility License, Permit or Monitoring No.	ft. □ N. Local Grid Origin ⊠ (estim	nated: 🖂) or W	ell Location	AS-9S Wis. Unique Well No. DNR	Well	Jamil	her
	Lat	Lana °	or Location	Wis. Omque Wearto. Druc	TIGHT	YOUL	JC1
Facility ID				Date Well Installed			
I domey in	St. Plane ft. N		_ft. E. S/C/N	03/12/2008			
Type of Well	Section Location of Waste/Sour		ПЕ	Well Installed By: (Person's N		nd Fi	irm)
Well Code 62/as	1/4 of 1/4 of Sec	c, T	N, R W	and the state of t			
Distance from Waste/ Enf. Stds.	Location of Well Relative to W		Gov. Lot Number	WES IMHOR	F		
Source ft. Apply	u ☐ Upgradient s I d ☐ Downgradient n I			BOART LONGYE		_	_
A. Protective pipe, top elevation	ft. MSL		. Cap and lock?		⊠ Yes		No
B. Well casing, top elevation	4.00 ft, MSL	P 2	 Protective cover pi a. Inside diameter: 		_		in.
C. Land surface elevation	fi. MSL <		b. Length:		_		ft.
The Control of the Co		THE PROPERTY OF	c. Material:		Steel		04
D. Surface seal, bottom ft. MSL	or 0.0 ft.	12.52.54	1-1-2-2-2-1-1-1		Other	_	Mill
12. USCS classification of soil near screen:	DIPORTON!	N. SALENE		-	Yes		No
	V D SP D		If yes, describe:	*11623/2-10			
SM SC ML MH CL Bedrock D	. о сно		Surface seal:		ntonite		
100 V10-25 G (0.0.0.0.)					ncrete		
- 10H2 F1 15	s 🗆 No		odia tana u	(a) - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			
The state of the s	y □50	14.	Material between w	vell casing and protective pipe:		744428.00	72320
Hollow Stem Auge MINI SONIC Othe	r 🗆 4 1 📗 🛞				ntonite		
MINI SONIC Othe		3. 4. 5. b c d e f		Marie Carlos	Other		
15 D. W. O. I. I. W. J. Flag. At		5.		a. Granular/Chipped Ben			
	01	Ъ		id weight Bentonite-sand			
Drilling Mud □ 0 3 None	. 🛭	° c	Lbs/gal mu				
16. Drilling additives used? ☐ Yes	: ⊠ No	d 🗎 d		Bentonite-cement			50
				olume added for any of the abo		_	
Describe		I.	How installed:		remie		
17. Source of water (attach analysis, if required)				Tremie pu	-		
					ravity		
		, °.	Bentonite seal:	a. Bentonite gra			D1 12-7-12 20
E. Bentonite seal, top ft. MSL o	s No y 50 r 41 r	7.	c	/8 in. □ 1/2 in. Bentonite	Other		
F. Fine sand, top ft. MSL o	r ft.\	7.	Fine sand material:	Manufacturer, product name a	& mesh	size	
1.1110	\	1 1001 /	b. Volume added _	ft ³			
G. Filter pack, top ft. MSL o	r	8.	Filter pack material:	Manufacturer, product name	& mes	-	******
H. Screen joint, top ft. MSL o	r21.5 ft.		b. Volume added _	D FLINT SAND & GRAVEL		- 1	
ii. Screen joint, top it. WSL o			Well casing:	Flush threaded PVC schedu	de 40	Δ,	23
I. Well bottom fit. MSL or	r23.5_ ft. <		wen casing.	Flush threaded PVC schedu			
1. Well bottom II. Wish of					Other	F	
J. Filter pack, bottom ft. MSL or	23.5 ft.	10.	Screen material:	PVC	Ollier		
	22.5		a. Screen Type:		ry cut		
K. Borehole, bottom ft. MSL or	23.5 ft.		4. marines	Continuou	s slot Other	27	THE SALESHAR
L. Borehole, diameter6.0 in.		/////	b. Manufacturer _	BOART LONGYEAR	_		and some
and the second s			c. Slot size:		C	0.010	in.
M. O.D. well casing			d. Slotted length:				ft.
The visit is a second s			Backfill material (be	elow filter pack):	None		
N. I.D. well casing 2.06 in.			31.	The state of the s	Other	25	- H
I hereby certify that the information on this form i	s true and correct to the best of	my knowledge.		A S			
	Times	ONGYEAR COMP	ANY	Tel	: 715-3	150.7	7090
Signature John & Rich		ERSON STREET SO			: 715-3		

State of Wisconsin Department of Natural Resources Route To:	Watershed/Waste		Management	MONITORING WELL		5	ION
Facility/Duclant Massa	Remediation/Red		Ш	Form 4400-113A	Rev. 7-9	8	
Facility/Project Name	Local Ond Locado	n of well □ N.	a □E.	Well Name AS-	100		
BARR ENGINEERING Facility License, Permit or Monitoring No.	Local Grid Origin	N. S.	Tr. Well Location	Wis. Unique Well No.	DNR Well N	Jumbe	er
0	Lat°	Long.	° ' " or	man omique in the rior	Dide waar		
Facility ID				Date Well Installed			
	Section Location of	ft. N,	II. E. 5/C/N	03/12/	2008		
Type of Well	1		DE.	Well Installed By: (Pers		nd Fir.	m)
Well Code 62/as	I ocation of Well R		Gov. Lot Number	WES IN	HOFF		
Distance from Waste/ Source ft. Enf. Stds. Apply	u 🗆 Upgradient		nt	BOARTLON	GYEAR E&	I	
A. Protective pipe, top elevation	ft. MSL —		1. Cap and lock?	- /	⊠ Yes		No
TO CAMPILLY ALL DESCRIPTION OF THE PROPERTY OF	4.00 ft. MSL		 Protective cover p. a. Inside diameter: 		_		in.
C. Land surface elevation	fl. MSL 🔪		b. Length:		-		_ ft.
D. Surface seal, bottom ft. MSL	or 0.0 g . 3		c. Material:		Steel	***	area territoria.
	<u> </u>				Other		
12. USCS classification of soil near screen:	V	TILLY	d. Additional prote	ection?	☐ Yes	N I	NO
	V D SP D		\		Bentonite	_ 	3.0
Bedrock □			3. Surface seal:		Concrete		
13. Sieve analysis attached?	s 🗆 No			-	Other	161	specifical in
14. Drilling method used: Rotar	y 🗆 5 0		4. Material between v	well casing and protective			
Hollow Stem Auge	A SACRET STATE OF THE SACRET STATE STATE OF THE SACRET STATE S				Bentonite		
MINI SONIC Othe	r 🛛 💹				Other		
15. Drilling fluid used: Water □02 Ai	r 🗆 0 1			: a. Granular/Chippe			
Drilling Mud 03 Non				ud weight Bentonite- ud weight Bent			
			d% Bentoni				
16. Drilling additives used? ☐ Ye	s ⊠No			volume added for any of the			U
			f. How installed:	*****	Tremie	□ 0	1
Describe			• But confidential	Tren	nie pumped	⊠ 0	2
17. Source of water (attach analysis, if required)	6		1		Gravity	□ 0	8
			6. Bentonite seal:	a. Bentoni	ite granules	□ 3	3
				/8 in. □ 1/2 in. Bent			
E. Bentonite seal, top ft. MSL o	r 17.5 ft.			Manufacturer, product n			
F. Fine sand, top ft. MSL o	or ft. \		a	ft³			
G. Filter pack, top ft. MSL o	r 20.5 ft. \		 b. Volume added 8. Filter pack material 	: Manufacturer, product i	name & mes	h size	
of the past, op			/	D FLINT SAND & GRA		111	
H. Screen joint, top ft. MSL o	r 21.5 ft. ~	WH/	b. Volume added	ft³		= =	
			9. Well casing:	Flush threaded PVC s	chedule 40	⊠ 2	3
I. Well bottom ft. MSL o	r23.5 ft. \	、 閏1		Flush threaded PVC s	chedule 80	□ 2	4
		/ 图/			Other		
J. Filter pack, bottom ft. MSL o	r23.5 ft. ~		-10. Screen material:	PVC			
K. Borehole, bottom ft. MSL o	r23.5 ft. \		a. Screen Type:		Factory cut inuous slot		
					_ Other		選
L. Borehole, diameter6.0 in.			b. Manufacturer	BOART LONGYEA		010	
222			c. Slot size:	2		2.0	in.
M. O.D. well casing 2.37 in.		. \	d. Slotted length:11. Backfill material (b	elow filter nack):	None		
N. I.D. well casing 2.06 in.			- Ducktin material (0	own must pack).	_ Other	38080	18329
I hereby certify that the information on this form	is true and correct to	the hest of my knowledge				-	_
Signature Continue of the Signature	Firm	BOART LONGYEAR CO	OMPANIV		Tel: 715-3	50.70	100
John & Rich		101 ALDERSON STREE		476	Fax: 715-3		
Diagon assertable North Forms 4400, 112 and 4400, 1131	and raturn those to th	e appropriate DNP office and		with the same of t	160 201 202	280	

State of Wisconsin Department of Natural Resources				MONITODING	WELL CONCUR	TICTION
Route To:		edevelopment	Waste Management D	Form 4400-113A	WELL CONSTR Rev. 7-9	
Facility/Project Name	Local Grid Locat		. □E.	Well Name	40 110	
BARR ENGINEERING	T 1 0-11 0-1-1	n DN.	ft. B. W.	D Wie Heims Wel	AS-11S I No. DNR Well N	T
Facility License, Permit or Monitoring No.	Lat				I No. DINK WELL	vumber
Facility ID				or Date Well Installe	od.	
racinty in	St. Plane	ft. N,	ft. E. S/C	C/N Date Well histane		
Type of Well	Section Location	of Waste/Source		☐ E Well Installed By:	03/12/2008 (Person's Name a	nd Firm)
	1/4 of	1/4 of Sec	TN, R	□ W		na ram)
Well Code 62/as Distance from Waste/ Enf. Stds.	Location of Well	Relative to Waste/Sour	ce Gov. Lot Num	ber V	VES IMHOFF	
Source Apply	u □ Upgradie d □ Downgra	adjent n D Not K		BOART	LONGYEAR E&	:I
A. Protective pipe, top elevation	ft. MSL -		1. Cap and lock		⊠ Yes	□ No
B. Well casing, top elevation	4.00 ft. MSL -		2. Protective co		_	in.
C. Land surface elevation	ft. MSL ~		b. Length:		_	ft.
		-	c. Material:		Steel	□ 04
D. Surface seal, bottom ft. MSL	or <u>0.0</u> ft.	A STATE OF THE PARTY OF THE PAR	Programme -		Other	
12. USCS classification of soil near screen:				protection?		⊠ No
	W 🗆 SP 🗆	11111	If yes, desc	cribe:		_
	L CH CH	# 14	3. Surface seal:		Bentonite	⊠ 30
Bedrock □	-		3. Surface seal.		Concrete	September 617
13. Sieve analysis attached? ☐ Ye	es 🗆 No		\		Other	
14. Drilling method used: Rotar	ry □50		4. Material betw	een well casing and pro	tective pipe:	
Hollow Stem Augu					Bentonite	
MINI SONIC Other	er 🛛 🔛				Other	
			5. Annular space		Chipped Bentonite	
[[Tail 1 ST 1 THING 특히 1 TAIL 프라틴션 작용하다	ir 🗆 0 1			al mud weight Ber		
Drilling Mud 0 3 Non	е Ц99			al mud weight		
16. Drilling additives used?	s 🛮 No		d% Be		onite-cement grout	□ 50
To Diming addition about	3 21.0			_Ft3 volume added for a	Control of the Contro	
Describe			f. How insta	lled:		□ 01
17. Source of water (attach analysis, if required					Tremie pumped	
			W 2000		Gravity	
			6. Bentonite seal	T	Bentonite granules	
	100			⊠ 3/8 in. □ 1/2 in.		
E. Bentonite seal, top ft. MSL	or17.5 ft.			erial: Manufacturer, pro		
F. Fine sand, top ft. MSL o	or ft.		/ a		-3	
	20.5	1 1 1		ded	ft ³	.
G. Filter pack, top ft. MSL c	or ft.	/ 用 图		terial: Manufacturer, properties of RED FLINT SAND &		n size
H. Screen joint, top ft. MSL of	or21.5 ft.	_ H H	b. Volume add	fed	ft ³	TA ATTEMA
		711/	9. Well casing:	Flush threaded	PVC schedule 40	☑ 23
f. Well bottom ft. MSL o	or	< III 1		Flush threaded	PVC schedule 80	950000
I File and Law and American	22.5	く国と		al: PV	Other	
J. Filter pack, bottom ft. MSL c	or ft.		10. Screen materia a. Screen Typ	11.	Factory cut	<u>111</u>
K. Borehole, bottom ft. MSL c	or	< /////		Desc.	Continuous slot	
A CONTRACTOR OF THE PROPERTY O	75 37000		-	1	Other	
L. Borehole, diameter6.0 in.		VIIIIN	b. Manufactur	BOARTLON	THE RESERVE AND ADDRESS OF THE PARTY OF THE	0.010 +
227			c. Slot size:	oth.		0.010 in. 2.0 ft.
M. O.D. well casing 2.37 in.			d. Slotted leng		- N	<u>2.0</u> ft. ⊠ 14
N. I.D. well casing			11. Backilli materi	ial (below filter pack):		
				0		
hereby certify that the information on this form	Total Control		ledge.			
Signature Lole & Deal.	Firm	BOART LONGYE	AR COMPANY		Tel: 715-	359-7090
7.7.792		101 ALDERSON S	TREET SCHOFIELD, W	/I 54476	Fax: 715-	355-5715
	are most wastered thorn to	the appropriate LIM is other	and hursall ('omplehon')	DOYBLOOK SE STRUCKS ASSOCIATION	meene tott 7x1 7x7	JXU

State of Wisconsin Department of Natural Resources Route To:	Watershed/	Wastewater	Waste Ma	nagement	MONITORING WEL	L CONSTE	tUC:	TION
	Remediation	/Redevelopment			Form 4400-113A	Rev. 7-	98	
Facility/Project Name		cation of Well	ft.	□E.	Well Name AS-	128		
BARR ENGINEERING Facility License, Permit or Monitoring No.	Local Grid O	igin M (estim	ated: [] \ or V	□ E. □ W. Well Location □	Wis. Unique Well No.	DNR Well	Num	her
	Total Gird Ci	igiii 🔯 (csuiii	Long	or	Wis. Offique Well Ivo.	DIAK WEIL	Nulli	DCI
Facility ID					Date Well Installed			
racinty in	St. Plane	ft. N	,	_ fl. E. S/C/N	Proceedings of the street of the second street.	2000		
Type of Well	Section Locat	ion of Waste/Sour	ce	DE	Well Installed By: (Pers	on's Name	and F	irm)
				N, R W			ma r	шшу
Well Code 62/as Distance from Waste/ Enf. Stds.		ell Relative to Wa		Gov. Lot Number	WES IN	1HOFF	_	
Source ft. Apply	u □ Upgra d □ Down	edient s L ngradient n [☐ Sidegradient ☐ Not Known		BOART LON	GYEAR E&	Ι	
A. Protective pipe, top elevation	ft. MSI			I. Cap and lock?		⊠ Ye	s 🗆	No
B. Well casing, top elevation	4.00 ft. MSL			Protective cover pi a. Inside diameter:		_		in
C. Land surface elevation	ft. MSL	_		b. Length:				ft
			Townson.	c. Material:		Steel		04
D. Surface seal, bottom ft. MSL	or	t manage	1000000	a man a m		Other	\boxtimes	
12. USCS classification of soil near screen:		2000	A COLOR	d. Additional prote		☐ Yes	· 🖾	No
GP□ GM□ GC□ GW□ SV	W 🗆 SP 🗆	1		If yes, describe:			_	
SM SC ML MHO CI	L CH C	1	图 / /	S. Surface seal:		Bentonite	\boxtimes	30
Bedrock □			M / 3	, Surface sear:		Concrete		01
13. Sieve analysis attached?	s 🗆 No	1 🛭				Other		
14. Drilling method used: Rotar	y □50		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	. Material between v	vell casing and protective	pipe:		
- Hollow Stem Auge		₩				Bentonite	000	And or one
MINI SONIC Othe	ar 🛛 🗮					Other	\boxtimes	
A CONTRACTOR OF THE CONTRACTOR			5	. Annular space seal:	a. Granular/Chippe	d Bentonite		33
	ir 🗆 0 1	₩	₩ t		id weight Bentonite	-sand slurry		35
Drilling Mud 0 3 Non	e □99			cLbs/gal mu	id weight Beni	tonite slurry		3 1
16 Delling additions would?	- MN-			d% Bentoni				50
16. Drilling additives used?	s 🛮 No				olume added for any of t	he above		
D3-				f. How installed:		Tremie		01
Describe					Tren	nie pumped	\boxtimes	02
17. Source of water (attach analysis, if required)	J		₩ .			Gravity		0.8
			6.	. Bentonite seal:	a. Benton	ite granules		33
		- ×		b. □ 1/4 in. 図3/		tonite chips		
E. Bentonite seal, top ft. MSL o	or17.5	ft.		c		Other		
F. Fine sand, top ft, MSL o	Nr.	ft.	3 4 4 5 6 6	Fine sand material:	Manufacturer, product r	ame & mesi		e Billi
1.1 III duling top		/ 🔯		b. Volume added _	ft ³		_	
G. Filter pack, top ft. MSL c	or20.5	fl 1	,8.		: Manufacturer, product	name & mes	sh siz	ze
			1		D FLINT SAND & GRA			翻題
H. Screen joint, top ft. MSL o	or21.5	ft -		b. Volume added _	ft ³			
,,.,			= 9.	Well casing:	Flush threaded PVC s	chedule 40	×	23
I. Well bottom ft. MSL o	23.5	n l			Flush threaded PVC s			
						Other	3.0	四田
J. Filter pack, bottom ft. MSL o	23.5	ft.	10.	Screen material:	PVC			機器
		777	7777	a. Screen Type:		Factory cut	\boxtimes	11
K. Borehole, bottom ft. MSL o	23.5	ft.				tinuous slot		
2000 M 100 M						Other		
L. Borehole, diameter6.0 in.		1/1		b. Manufacturer _	BOART LONGYEA	-		
and the second s				c. Slot size:		1		0 in.
M. O.D. well casing 2.37 in.				d. Slotted length;		_	2.0	0 ft.
			11.	Backfill material (be	elow filter pack):	None		TARREST
N. I.D. well casing 2.06 in.						Other		細題
*								
I hereby certify that the information on this form	is true and con	ect to the best of	my knowledge.					
Signature J. CD-1	F	irm BOARTLO	ONGYEAR COM	PANY		Tel: 715-	359-	7090
John Rich		101 ALDE	RSON STREET S	CHOFIELD, WI 544	176	Fax: 715-	355-	5715

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater Waste Remediation/Redevelopment Other	Management	MONITORING WELL Form 4400-113A	CONSTRI Rev. 7-9	
Facility/Project Name	Local Grid Location of Well	O.F.	Well Name		
BARR ENGINEERING	ft. □ N	A BW.	AS-1	3S	
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated:) or	Well Location	Wis. Unique Well No. D	NR Well N	lumber
0	Lat Long Long °		Date Well Installed		
Facility ID	St. Plane ft. N,	ft. E. S/C/N	The state of the s	***	
Type of Well	Section Location of Waste/Source	□E	Well Installed By: (Person		nd Firm)
Well Code 62/as	1/4 of 1/4 of Sec, T	N, R 🗆 W	WES IMI		ia i itii)
Distance from Waste/ Enf. Stds.	Location of Well Relative to Waste/Source u □ Upgradient s □ Sidegradient d □ Downgradient n □ Not Known		BOART LONG		ı
	ft. MSL	1. Cap and lock?		⊠ Yes	□ No
5.0 0.0	4.00 ft. MSL	 Protective cover pi a. Inside diameter: 	(A) (A) (A)	_	in,
C. Land surface elevation	ft. MSL \	b. Length:		2	ft.
D. Surface seal, bottom ft. MSL		c. Material:			□ 04
		M		_ Other	The state of the s
12. USCS classification of soil near screen:		d. Additional prote	ection?	☐ Yes	No No
	W SP CH CH CH	3. Surface seal:		Bentonite	
13. Sieve analysis attached?	s DNo			Concrete	China San etc.
HISTORY TOWN TO THE PARTY OF TH	y 🗆 5 0	4 Material hetween v	well casing and protective p		LI men
Hollow Stem Auge	r 041	4. Whiteral occurred t		Bentonite	□ 30
	r 🗵			Other	
15. Drilling fluid used: Water □ 0 2 A	ir 🗆 0 1	 5. Annular space seal b. I be/gal mg 	a. Granular/Chipped ad weight Bentonite-sa		
Drilling Mud □ 0 3 Non	e □99 📓 📓 🗎	cLbs/gal mi		nite slurry	
		d% Bentoni			
16. Drilling additives used? ☐ Ye	s ⊠No		volume added for any of the	above	
Describe		f. How installed:		Tremie	100
17. Source of water (attach analysis, if required)			Tremi	e pumped	
		C		Gravity	
		6. Bentonite seal:	a. Bentonite	-	
E. Bentonite seal, top ft. MSL o	W □ SP □ CH □ SS □ No Yy □ 50 AT □ 41 AT □ 101 e □ 99 SS ☒ No DT □ 17.5 ft.	c	/8 in. □ 1/2 in. Benton Manufacturer, product nar	Other	
F. Fine sand, top ft. MSL o		a		ne ee mesn	
G. Filter pack, top ft. MSL c	or	b. Volume added	: Manufacturer, product na	ma & mael	h eiza
		a#40 RE	D FLINT SAND & GRAV		II SIZE
H. Screen joint, top ft. MSL o	or	b. Volume added .		1-1- 10	E 00
I. Well bottom ft. MSL o	or	9. Well casing:	Flush threaded PVC sch Flush threaded PVC sch		□ 24
J. Filter pack, bottom ft. MSL c	or	10. Screen material:			
K. Borehole, bottom ft. MSL o	or23.5_ ft.	a. Screen Type:		uous slot	□ 01
L. Borehole, diameter6.0 in.		b. Manufacturer	BOART LONGYEAR		
M. O.D. well casing 2.37 in.		c. Slot size:d. Slotted length:	20		0.010 in. 2.0 ft.
N. I.D. well casing 2.06 in.		11. Backfill material (be	elow filter pack):	None I	OF STATE OF
I hereby certify that the information on this form	is true and correct to the best of my knowledge				
Signature Signature	Firm BOART LONGYEAR CO	OMPANY	Ţ.	Tel: 715-3	59-7090
1 - Francis	101 ALDERSON STREET			Fax: 715-3	

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wast		Vaste Management Other	MONITORING WELL Form 4400-113A	L CONSTR	
Facility/Project Name	Local Grid Location	on of Well	200(270) (217)	Well Name		
BARR ENGINEERING		ft. S	ft. 🛮 E.	AS-	14S	
Facility License, Permit or Monitoring No.	Local Grid Origin	(estimated:) or Well Location	Wis. Unique Well No.	DNR Well N	lumber
0	Lat.		° ' " or			
Facility ID				Data Wall Installed		
Tavilly 10	St. Plane	ft. N,	ft. E. S/C/N	yoursers		
Tune of Wall	Section Location of	of Waste/Source	C P		/2008	- 1 T'
Type of Well	1/4 of	1/4 of Sec	TN, RDE	Well Installed By: (Pers	ion's Name ar	nd Firm)
Well Code 62/as	Location of Well I	Relative to Waste/Source	e Gov. Lot Number	WES IN	ИНОFF	
Distance from Waste/ Source ft. Enf. Stds. Apply.	u □ Upgradier d □ Downgrad	dient n 🗆 Not Kr	adient	BOART LON	GYEAR E&	I
A. Protective pipe, top elevation	ft. MSL —		1. Cap and lock?		⊠ Yes	□ No
B. Well casing, top elevation	4.00 ft. MSL -		Protective cover p a. Inside diameter			in
G I - I - S - I - I - I	0. 1/07		b. Length:	ħ.	_	n ft
C. Land surface elevation	ft. MSL \		c. Material:		Steel	□ 04
D. Surface seal, bottom ft. MSL	or ft.		1021021 2012 012 1031031		Other	
12. USCS classification of soil near screen:		THE PARTY OF THE P	d. Additional prot	ection?	☐ Yes	⊠ No
SM SC ML MH CI	V SP CH CH C				Bentonite	_ ⊠ 30
Bedrock □			3. Surface seal:		Concrete	
13. Sieve analysis attached? ☐ Ye	s 🗆 No		\		Other	
14. Drilling method used: Rotar	y □50	₩ ₩	4. Material between	well casing and protective		
Hollow Stem Auge	** O.		1. 10 (T)(000) 1.01 (100) (T)(00) (100) (100)		Bentonite	□ 30
	r 🗵 🖺				Other	
15 Danie Britanda Wester Dog Al	- 501			l: a. Granular/Chippe		
	r 🗆 0 1			ud weight Bentonite		
Drilling Mud 03 Non	8 1199			ud weight Ben		
16. Drilling additives used? ☐ Ye	s 🖾 No	₩ ₩		ite Bentonite-c		□ 50.
16. Diffilling additives used?	3 140	₩ ₩	eFt ³	volume added for any of t	he above	
			f. How installed:		Tremie	□ 01
Describe	The state of the s			Tren	nie pumped	⊠ 02
17. Source of water (attach analysis, if required)	£ _		6		Gravity	□ 08
			6. Bentonite seal:	a. Benton		
		. 🔞 🔞	,	3/8 in. □ 1/2 in. Ben		
E. Bentonite seal, top ft. MSL o	ir ft.,		/ c		Other	
F. Fine sand, top ft. MSL o	or ft. >		/ a	Manufacturer, product r	ame & mesn	size
	***		b. Volume added			
G. Filter pack, top ft. MSL o	or ft. \	A BY		!: Manufacturer, product D FLINT SAND & GRA		h size
H. Screen joint, top ft. MSL o	21.5 ft.		b. Volume added			3052
in outer, join, top		1-1/	9. Well casing:	Flush threaded PVC s	chedule 40	⊠ 23
f. Well bottom ft. MSL o	ri 23.5 ft. <		9. Wen casing.	Flush threaded PVC s	schedule 80	□ 24
	22.5	\ B\		WELG	Other	
f. Filter pack, bottom ft. MSL o	r 23.5 ft. ~		a. Screen Type:	PVC	Factory cut	<u>₩₩</u>
K. Borehole, bottom ft. MSL o	r23.5 ft. \				tinuous slot	
		V//XX			Other	
. Borehole, diameter6.0 in.		VIIIIA	b. Manufacturer .	BOART LONGYEA		
		/	c. Slot size:	(4)	_0	.010 in.
M. O.D. well casing			d. Slotted length:		_	2.0 ft.
VINE CONTROL OF THE PROPERTY O			11. Backfill material (b	elow filter pack):	None I	
N. I.D. well casing 2.06 in.					_ Other I	Market Committee
I hereby certify that the information on this form	is true and some of t	o the best of my lenguil	ndoa	The second second		-1
	Is true and correct to		CONTRACTOR OF THE PROPERTY OF			
Signature John Rich	l.mm	BOART LONGYEA			Tel: 715-3	
//- reich		101 ALDERSON ST	REET SCHOFIELD, WI 54	476	Fax: 715-3	55-5715

State of Wisconsin Department of Natural Resources Route To:			Management	MONITORING WELL		
	Remediation/Red		Ц	Form 4400-113A	Rev. 7-9) 8
Facility/Project Name	Local Grid Location	n of Well	ПЕ	Well Name	97922	
BARR ENGINEERING	ft	□ N. □ S. □ (estimated: □) or	£t. ∐W,	AS-	15S	
Facility License, Permit or Monitoring No.	Local Grid Origin	(estimated:) or	Well Location	Wis. Unique Well No.	DNR Well I	Number
. 0	Lat°	" Long°	or			
Facility ID		ft. N,	ft. E. S/C/N	Date Well Installed		-
The actival	Section Location of	Waste/Source	me	Well Installed By: (Pers	2008	and Figure
Type of Well	1/4 of	_ 1/4 of Sec T	N.R DE	well installed by: (Pers	on's Name a	ma rum)
Well Code 62/as	Location of Well Re	elative to Waste/Source	Gov. Lot Number	WES IN	1HOFF	100
Distance from Waste/ Source ft. Enf. Stds. Apply	u □ Upgradient d □ Downgradi	s ☐ Sidegradient ent n ☐ Not Known		BOART LON	GYEAR E&	દા
A. Protective pipe, top elevation	ft. MSL		- 1. Cap and lock?		⊠ Yes	s 🗆 No
B. Well casing, top elevation	4.00 ft. MSL	——————————————————————————————————————	 Protective cover pi a. Inside diameter: 			in.
	0.3.607		b. Length:		1	ft.
C. Land surface elevation	ft. MSL \		c. Material:		Steel	□ 04
D. Surface seal, bottom ft. MSI	or ft. \$	2020 1000	c. iviateriai.		Other	alaneja.
12. USCS classification of soil near screen:	- 3		d. Additional prote	antion?		s 🖾 No
CONTROL CONTRO	- OD -	1 X 1		ection?		5 M 140
	W D SP D		ii yes, describe.			
Bedrock	LU CHU		3. Surface seal:		Bentonite	
	es 🗆 No				Concrete	
	CHI I				Other	
	ry □50		'4. Material between v	well casing and protective		
Hollow Stem Aug					Bentonite	
MINI SONIC Oth	er 🛛 🚟		-		Other	
			 5. Annular space seal 	l: a. Granular/Chippe	d Bentonite	□ 33
	ir 🗆 0 1			ud weight Bentonite-	sand slurry	□ 35
Drilling Mud □ 0 3 Nor	1е Ц99	₩ ₩	cLbs/gal m	ud weight Bent	tonite slurry	□ 31
16 D.10:	571)		d% Bentoni	ite Bentonite-ce	ement grout	□ 50
16. Drilling additives used?	es 🖾 No		eFt ³ v	volume added for any of the	he above	
DEC 1777 CONT. 1777			f. How installed:		Tremie	□ 01
Describe				Tren	nie pumped	☑ 02
17. Source of water (attach analysis, if required	0:				Gravity	□ 08
			6. Bentonite seal:	a. Benton	ite granules	⊠ 33
TO THE PROPERTY OF THE PARTY OF		₩ ₩ *****/		3/8 in. □ 1/2 in. Bent		
E. Bentonite seal, top ft. MSL			С.	TO HE LI DE HE DON	Other	
E. Bellome sea, top It. MSL	or n. \		7.200 50-1110-1	Manufacturer, product n		
F. Fine sand, top ft. MSL	or ft. \	\ \ \ \ \ \ /	a			DESIGNATION OF THE PERSON OF T
* 1	,		b. Volume added .	ft ³		
G. Filter pack, top ft. MSL	or	NA BY	8. Filter pack material	l: Manufacturer, product	name & mes	sh size
			a #40 RE	D FLINT SAND & GRA	VEL	
H. Screen joint, top ft. MSL	or 21.5 ft. ~	_ \	b. Volume added .	ft ³		
N. C.			9. Well casing:	Flush threaded PVC s	chedule 40	⊠ 23
L. Well bottom ft. MSL o	or23.5 ft. \	13/		Flush threaded PVC s		
	., \	/ 園			Other	217-1170
J. Filter pack, bottom ft. MSL o	or23.5_ ft. ~	イ目し、	10. Screen material: _	PVC		
. The pack, bottom it. 1450.	, n.		a. Screen Type:		Factory cut	□ 11
K. Borehole, bottom ft. MSL c	or23.5 ft. \		a. Screen Type,		inuous slot	
K. Borehole, bottom ft. MSL o	Jr IL <	\ \(\(\lambda \) \(\lambda \)		Com		952515575
60 .			1 1/ 6	BOART LONGYEA	Other	
L. Borehole, diameter			b. Manufacturer	BOART LONGTEA		0.010 -
TTE			c. Slot size:		-	0.010 in.
M. O.D. well casing 2.37 in.			d. Slotted length:	W 7442 427	-	2.0 ft.
****		`1	 Backfill material (b 	elow filter pack):		□ 14
N. I.D. well casing 2.06 in.					_ Other	
7 No. 10 No.	H Higgs		Mali Salam Talilim Asia Ing Ma	X		
I hereby certify that the information on this form	is true and correct to	the best of my knowledge.		Spirit Proba Country		
Signature	Firm	BOART LONGYEAR CO	MPANY		Tel: 715-	359-7090
JOHN KU		101 ALDERSON STREET		476	Fax: 715-	
	m - 1 - 1 - 1 - 1	in the real of the second	C1-1	and the second s	160 001 00	2 200

State of Wisconsin Department of Natural Resources Route To:	Watershed/V	Vastewater	Waste Management	MONITORING WELL CONS	TRUCTION
4-10-11-27-27-27-27-27-27-27-27-27-27-27-27-27-		Redevelopment	Other	Form 4400-113A Rev.	7-98
Facility/Project Name	Local Grid Loc	cation of Well	. □E.	Well Name	
BARR ENGINEERING Facility License, Permit or Monitoring No.	Lacal Grid Ori	nt. ns	ft.	AS-16S Wis. Unique Well No. DNR We	Il Mumbar
O O	Local Grid On	gin 🔯 (esumateu, [or well Location or	t I	n Number
Facility ID			ft.E. S/C/N	Data Wall Tastellad	
	Section Location	on of Waste/Source		03/13/2008	
Type of Well	1/4 of	1/4 of \$20	_, TN, R D	Well Installed By: (Person's Nam	e and Firm)
Well Code 62/as		ell Relative to Waste/Sou			
Distance from Waste/ Source ft. Enf. Stds. Apply	u □ Upgrad d □ Downs	dient s □ Side gradient n □ Not	egradient	BOART LONGYEAR	E&I
A. Protective pipe, top elevation	ft. MSL	-	1. Cap and lock?		Yes 🗆 No
B. Well casing, top elevation	4.00 ft. MSL	——————————————————————————————————————	2. Protective cover page 1. Inside diameter	10 Th	in.
C. Land surface elevation	ft. MSL	_ 1110	b. Length:	2	ft.
D. Surface seal, bottom ft. MSL	or 0.0 e	52520	c. Material:		eel 🗆 04
	01 1t.		d. Additional pro	The state of the s	her 🛭 📖
12. USCS classification of soil near screen:	v = en =			Ection/	Yes ⊠ No
	V D SP D		1 1		ite 🛛 30
Bedrock □			3. Surface seal:		ete 🗆 01
13. Sieve analysis attached?	s 🗆 No		\	Oth	
14. Drilling method used: Rotar	y 🗆 5 0		4. Material between	well casing and protective pipe:	
Hollow Stem Auge				Benton	ite 🛮 30
MINI SONIC Othe	r ⊠≣≣		St ern 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 	Oth	ier 🛛 🔣
15 Davis Gilanda Water Floor	по1	l 🛭 🖺		al: a. Granular/Chipped Benton	
15. Drilling fluid used: Water □ 0 2 Ai Drilling Mud □ 0 3 None	r 🗆 0 1			nud weight Bentonite-sand slur	0.100
Dimig vida 🗆 03 Nois	, 4,,		cLbs/gal m		
16. Drilling additives used? ☐ Yes	s ⊠ No		d% Bentor	nite Bentonite-cement gro volume added for any of the above	
			f. How installed	1.01	nie 🗆 01
Describe			11011 11011100	Tremie pumpe	일당한 경기 경기가
17. Source of water (attach analysis, if required)	•				ity 🗆 08
			6. Bentonite seal:	a. Bentonite granul	es 🖾 33
		1		3/8 in. □ 1/2 in. Bentonite chi	ps 🛮 32
E. Bentonite seal, top ft. MSL o	r	ft.	c	Oth Nanufacturer, product name & m	
F. Fine sand, top ft. MSL o	r :		// a	ft³	
G. Filter pack, top ft. MSL o	r20.0			al: Manufacturer, product name & r	nech cize
G. Filter pack, top ft. MSL o			. /	ED FLINT SAND & GRAVEL	HUSEI SIZE
H. Screen joint, top ft. MSL o	r21.0		b. Volume added	ft³	
			9. Well casing:	Flush threaded PVC schedule 4	10 🛛 23
I. Well bottom ft. MSL o	r23.0f		-	Flush threaded PVC schedule 8	80 □ 2.4 er □ ■■
J. Filter pack, bottom ft. MSL o	r23.0f		10. Screen material:	PVC	
	2272	VIIII	a. Screen Type:	ALCO STATE OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND A	ut 🖾 11
K. Borehole, bottom ft. MSL o	r 23.0 i	it.	ē _	Continuous sle	ot □ 0.1 er □
L. Borehole, diameter6.0 in.		VIIIIX	b. Manufacturer	BOART LONGYEAR	
			c. Slot size:		
M. O.D. well casing 2.37 in.			d. Slotted length:		2.0 ft.
N.I.D. well casing 2.06 in			11. Backfill material (below filter pack): Nor	aments.
N. I.D. well casing			A		
I hereby certify that the information on this form	is true and corre	ect to the best of my kno	wledge.		
Signature I II		rm BOART LONGY		Tel· 7	15-359-7090
John Rul			STREET SCHOFIELD, WI 54		15-355-5715

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastew		fanagement	MONITORING WELL CONST		TION
	Remediation/Rede			Form 4400-113A Rev. 7	7-98	
Eacility/Project Name	Local Grid Location	CINI	ΠE	Well Name		
BARR ENGINEERING	ft.	□ N. □ S. □ (estimated: □) or	ft. 🗇 W.	AS-17S		
Facility License, Permit or Monitoring No.	Local Grid Origin	(estimated:) or	Well Location	Wis. Unique Well No. DNR Wel	l Num	iber
0	Lat	Long	or	73 - 77 11 7 11 1		
Facility ID	St. Plane	ft. N,	ft: E. S/C/N	Date Well Installed		
Type of Well	Section Location of	Waste/Source	□E	Well Installed By: (Person's Name	a and T	Ciem
CONTRACTOR OF THE STATE OF THE	1/4 of	1/4 of Sec, T	N, R W		and r	mitty
Well Code 62/as Distance from Waste/ Enf. Stds.	Location of Well Rel	ative to Waste/Source	Gov. Lot Number	- WES IMHOFF		
Source fit. Apply	u □ Upgradient d □ Downgradien	s □ Sidegradient nt n □ Not Known		BOART LONGYEAR F		
A. Protective pipe, top elevation	ft. MSL		-1. Cap and lock?		es 🗆	No
B. Well casing, top elevation	4.00 ft. MSL -	- HP	 2. Protective cover pi a. Inside diameter: 			in.
C. Land surface elevation	ft. MSL ~		b. Length:			ft.
D. Surface seal, bottom ft. MSL	- 00 A 53	300 DE0000	c. Material:		el 🗆	Secure from
	orn				er 🛛	
12. USCS classification of soil near screen:	20	Second :	d. Additional prote		es ⊠	No
	W D SP D	/11 12/	If yes, describe:			
SM SC ML MH C	L CH D		3. Surface seal:	Bentoni		
	es 🗆 No			Concre		
A STATE OF THE STA			V4 No. 2015-1-1-1	Othe	er L	There
	y 🗆 5 0		4. Material between v	well casing and protective pipe: Bentonit	ь П	2.0
Hollow Stem Auge MINI SONIC Othe	er 🛇 🚟				er 🖾	Sept. Contractor
Out	1 2 22					
15. Drilling fluid used: Water □ 0 2 A	ir 🗆 0 1			a. Granular/Chipped Bentonit ad weight Bentonite-sand slurr		
Drilling Mud □ 0 3 Non	70° 3000 2000 1000 1000 1000 1000 1000 1000		cLbs/gal mi		The second	
		- 🛭 🗎	d% Bentoni			
16. Drilling additives used? ☐ Ye	s 🛮 No			volume added for any of the above		20
			f. How installed:		ie 🗆	01
Describe				Tremie pumpe		
17. Source of water (attach analysis, if required):				у 🗆	
			6. Bentonite seal:	a. Bentonite granule	s 🖾	33
				/8 in. □ 1/2 in. Bentonite chip		
E. Bentonite seal, top ft. MSL o	or ft. \		c	Othe Manufacturer, product name & me	r 🗆	器器
F. Fine sand, top ft. MSL of	or ft. \		a			
aran Ira	20.0		b. Volume added			č.
G. Filter pack, top ft. MSL o	or ft		마니다 있으면서 아이를 하고 있는 아이들을 내려왔다.	: Manufacturer, product name & m D FLINT SAND & GRAVEL	esh siz	:HTTP:
H. Screen joint, top ft. MSL of	or		b. Volume added	fl ³		
H. Screen joint, top IL MSL () IL.	11-11	Well casing:	Flush threaded PVC schedule 40	0 121	2.2
I. Well bottom ft. MSL o	or23.0 ft. \		9. Well cashig.	Flush threaded PVC schedule 80	2 3772	373.70
		/ IBIL		Othe	r 🗆	圖圖
J. Filter pack, bottom ft. MSL c	or		0. Screen material: _	PVC		
V Dambala battan	or23.0 ft. <		a. Screen Type:	Factory cu Continuous slo		
K. Borehole, bottom ft. MSL c	л <u>25.0</u> п. \	< <i>//////</i>				STATISTICAL
I Bambala diamata 60 in		V	b. Manufacturer _	BOART LONGYEAR	ш	1995101
L. Borehole, diameter6.0 in.			c. Slot size:		0.01	0 in.
M. O.D. well easing 2.37 in.			d. Slotted length:			0 ft.
M. O.D. well casing 2.37 in.		1	Backfill material (be	elow filter pack): None	e 🖾	
N. I.D. well casing 2.06_ in.					. 0	37/512/05
I hereby certify that the information on this form	Time					
Signature John & Doll		BOART LONGYEAR COM		Tel: 71:		
11		101 ALDERSON STREET	SCHOFIELD, WI 544	476 Fax: 71:	5-355-	5715

State of Wisconsin Department of Natural Resources Route To:	Watershed/Waste		Management	MONITORING WEL		
	Remediation/Red			Form 4400-113A	Rev. 7-9	98
Facility/Project Name BARR ENGINEERING	Local Grid Locatio	on of Well N.	e BE	Well Name	-18S	
Facility License, Permit or Monitoring No.	Local Grid Origin	(estimated:) or	Well Location	Wis. Unique Well No.		Jumber
0		Long			Didt from t	Turnou
Facility ID	St. Plane	ft. N,		Date Well Installed	10000	14
Type of Well	Section Location of	f Waste/Source	□E	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAM	3/2008	nd Timm\
150 programmer as victor	1/4 of	_ 1/4 of Sec, T	n.r□₩	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		ша ғиші)
Well Code 62/as Distance from Waste/ Enf. Stds.	Location of Well R u D Upgradien	elative to Waste/Source	Gov. Lot Number		MHOFF	
	d Downgrad	ient n 🗆 Not Known		BOART LON		
A. Protective pipe, top elevation	ft. MSL —		- 1. Cap and lock?	• control	⊠ Yes	□ No
B. Well casing, top elevation	4.00 ft. MSL -		 Protective cover pi a. Inside diameter: 	•	_	in
C, Land surface elevation	ft. MSL \		b. Length:		-	ft
D. Surface seal, bottom ft. MSL			c. Material:			0.4
12. USCS classification of soil near screen:	- I		d. Additional prote	ection?	Other □ Yes	⊠ No.
	W D SP D	TY X	If yes describe			23 140
	L CH CH CH		3. Surface seal:		Bentonite	_ ⊠ 30
	es 🗆 No		J. Omiaco scal.		Concrete Other	
House the second of the second	ry □50	₩ ₩ `	4. Material between v	well casing and protective		C) Bester
Hollow Stem Aug					Bentonite	□ 30
MINI SONIC Other			222		Other	
15 Delling Guidenade Wester Floor	:- DO1			: a. Granular/Chippe		
	ir 🗆 0 1			ud weight Bentonite		
Drilling Mud □ 0 3 Nor	е Ц99			nd weight Ben		
16. Drilling additives used?	es 🖾 No		d% Bentoni		ement grout	□ 50
10. Diming security above.	21.0			volume added for any of		10000
Describe			f. How installed:	/ Appetition	Tremie	
17. Source of water (attach analysis, if required				Tren	mie pumped	
17. Source of Trans (and an analysis, it requires	<i>"</i>				Gravity	
7				a. Benton		
	BILL SANCE SHITTING			/8 in. □ 1/2 in. Ben		
E. Bentonite seal, top ft. MSL	or ft. \			Manufacturer, product i		
F. Fine sand, top ft. MSL	or ft. <		a		CHICAGO III	
G. Filter pack, top ft. MSL	or19.5 ft. \		b. Volume added . 8 Filter pack material	: Manufacturer, product		h size
o. Their pace, top				D FLINT SAND & GRA		
H. Screen joint, top ft. MSL	or <u>20.5</u> ft. ~		b. Volume added .	ft³		
	***	TEV	9. Well casing:	Flush threaded PVC		☑ 23
I. Well bottom ft. MSL o	or ft. \	✓ 【夏】		Flush threaded PVC	schedule 80 Other	STREET
J. Filter pack, bottom ft. MSL o	or <u>22.5</u> ft. ~		10. Screen material:	PVC		
	or 22.5 ft >		a. Screen Type:		Factory cut	
K. Borehole, bottom ft. MSL o	or ft. \		0.0000000000000000000000000000000000000	Con	tinuous slot Other	Appendage.
. Borehole, diameter 6.0 in.			b. Manufacturer	BOART LONGYEA	AR	
2.27			c. Slot size:			0.010 in. 2.0 ft.
M. O.D. well casing 2.37 in.		1.	d. Slotted length: 11. Backfill material (b	elony filter neek)	Mone	<u>2.0</u> ft. ⊠ 14
N. I.D. well casing 2.06 in.	AZ		- Dackim material (D	clow filler pack).		
I hereby certify that the information on this form Signature	is true and correct to					
John Kent	Гип	BOART LONGYEAR CO		100	Tel: 715-3	
D	D and notion there is at	101 ALDERSON STREET	SCHOFIELD, WI 54	476	Fax: 715-3	335-5715

State of Wisconsin Department of Natural Resources Route To:		/astewater	Waste Management		TORING WELL			TION
		Redevelopment	Other		400-113A	Rev. 7-	98	
Facility/Project Name	Local Grid Loc		D.F.	Well N	ame			
BARR ENGINEERING		_ft. 🗆 S	ft. DE.		AS-	19S		
Facility License, Permit or Monitoring No.	Local Grid Ori	gin 🛛 (estimated:) or Well Locati	ion 🔲 Wis, U	nique Well No.	DNR Well	Numb	ber
0	Lato	" Lon	g • 1	" or		.4		
Facility ID	St Dlane		ft. E.	Data V	Vell Installed			
		on of Waste/Source	IL D.	3/0/19	03/13/	/2008		
Type of Well			9	☐E Well In	stalled By: (Pers		ind F	irm)
Well Code 62/as	1/4 of _	1/4 of Sec	TN, R	W		MHOFF		- 5
Distance from Waste/ Source fit Enf. Stds. Apply	u 🗆 Upgrad	ell Relative to Waste/So dient s □ Sio gradient n □ No	degradient	Number	BOART LON			
	Name of the Control o		1. Cap and	lock?	2012112011	⊠ Ye		No
A. Protective pipe, top elevation	ft. MSL			ve cover pipe:		21 10	s L	140
B. Well casing, top elevation	4.00 ft. MSL		11//	diameter:				in.
	0.3.507		b. Lengt					m
C. Land surface elevation	ft. MSL		c. Mater			Stool		
D. Surface seal, bottom fl. MSL	or0.0_ ft	3232A	C. Mater	iai:			3770	STATE OF BELLEVILLE
12. USCS classification of soil near screen:			No. of the last of				-	-
			d. Addit	ional protection?			3 121	140
	W SP CH C		11 yes	, describe:			_	
Bedrock	L CH C		3. Surface	seal:		Bentonite	-	
	- D.		\			Concrete	_	STICKE.
13. Sieve analysis attached?	es 🗆 No		\			Other		HHH
14. Drilling method used: Rotar	ry □50	1 🛭 🖺	4. Material	between well casis	ng and protective	pipe:		
Hollow Stem Auge	er 🗆 4 1					Bentonite	-	THE RESERVE A
MINI SONIC Othe	er 🖾 🚟					Other	\boxtimes	盟盟
		ft.	5 Annular	space seal: a.	Granular/Chinne	d Bentonite	П	33
15. Drilling fluid used: Water □ 0 2 A	ir 🗆 0 1		b 1	Lbs/gal mud weigh				
Drilling Mud □ 0 3 Non	ne 🗆 9 9		c 1	Lbs/gal mud weigh		onite slurry		
		I ⊠ ⊠	d	% Bentonite				
16. Drilling additives used? ☐ Ye	es 🖾 No	l 🔉 🛱	0	Ft³ volume a			_	30
			f. How	installed:	duca for any of t		-	0.1
Describe			I. How	installed:		Tremie	1000	
17. Source of water (attach analysis, if required	D:				1 ren	nie pumped		
						Gravity		
	-		6. Bentonite	e seal:				
			/ b. □1/4	4 in. □ 3/8 in. [
E. Bentonite seal, top ft. MSL	or	ft. 💢 👹	/ c					
			7. Fine sand	material: Manufa	acturer, product n	ame & mes	h size	5
F. Fine sand, top ft. MSL o	or 1	ft. \ 🔘 🔯	// a					
				e added	ft ³			
G. Filter pack, top ft. MSL of	or19.0		8. Filter pac	k material: Manu		name & me	sh siz	ze
The state of the s			/ / .		SAND & GRA			
H. Screen joint, top ft. MSL c	or		b. Volum		ft³			200
ii. Screen John, top ii. MSE C		"		SE MANAGEMENT ST.		A. J. J. 40	101	22
7 W-11 b - 14 - 11 - 11 - 11 - 11 - 11 - 11	or22.0_f		9. Well casi		h threaded PVC s			23
I. Well bottom ft. MSL o	OF			Flush	h threaded PVC s			#1512319
	22.0	/ 国	_		W10	_ Other		
f. Filter pack, bottom ft. MSL c	or f		10. Screen m	aterial:	PVC		. 1	
	V 12010	VIIII	a. Screen	Type:	J	Factory cut		11
K. Borehole, bottom ft. MSL c	or <u>22.0</u> f	t			Cont	inuous slot		01
		\ \//\X	,			Other		
L. Borehole, diameter6.0 in.		VIIII	b. Manut	facturer BO	ART LONGYEA			
16:			c. Slot siz	ze:			0.010	in.
M. O.D. well casing 2.37 in.			d. Slotted				2.0	n.
and the same of th				naterial (below filt	er pack):	None		
N. I.D. well casing 2.06 in,					ACMINING TO	_ Other	-	
n. 1.D. wen casing m,							T 5	
haraby cartify that the information on this form	is two and as-	et to the heat of my la	ovelados					_
I hereby certify that the information on this form								
John of Dol	1.1	BOAK! LONG!	EAR COMPANY	D 117 61 176		Tel: 715-		
Mr. Rach	n	101 ALDERSON	STREET SCHOFIEL	D, WI 54476	la enquitor de la la	Fax: 715-	335-5	5715

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater Remediation/Redevelopment		nagement	MONITORING WELL CO	NSTR		TION
Facility/Project Name	Local Grid Location of Well	L Office L		Well Name		-	-
	ft. S	ft.	□E.				
BARR ENGINEERING Facility License, Permit or Monitoring No.	Local Grid Origin (estim		OW.	AS-20S Wis, Unique Well No. DNR	XX7a11.3	Torres	Ja an
	Local Grid Origin 🔀 (estim	iated: []) or w	en Location	wis, Omque wen No. DINK	Well I	vu in	ber
0		Long°		The Manager of the Control of the Co			
Facility ID	St. Plane ft. N	V,	fl.E. S/C/N	Date Well Installed			
	Section Location of Waste/Sour	rce		03/13/2008			
Type of Well	1/4 of 1/4 of Sec	т	N D DE	Well Installed By: (Person's I	Name a	nd F	irm)
Well Code 62/as	Section Location of Waste/Sour 1/4 of 1/4 of Sec Location of Well Relative to Waste/Sour	aste/Source	Gov. Lot Number	WES IMHOR	F		
Distance from Waste/ Source Enf. Stds. Apply	u □ Upgradient s [☐ Sidegradient	GOV. Ect (valide)	BOART LONGYE			
A. Protective pipe, top elevation	ft. MSL		Cap and lock?	Ĭ.	Yes	3 0	No
A A Section 1	4.00 ft. MSL	P 2.	Protective cover pi				in
C. I and anything algorithm	9 1461		b. Length:		-		fi
C. Land surface elevation	ft. MSL	1	c. Material:		Steel	П	
D. Surface seal, bottom ft. MSL	or <u>0.0</u> ft.				Other	×	
12. USCS classification of soil near screen:	The state of the s	N. A. C. W. C. W.	d. Additional prote		☐ Yes		No
	W D SP D	13//	If yes, describe:			-	
SM SC ML MH C	г 🗆 СН 🗆		Surface seal:	Ber	ntonite	Ø	30
The state of the s			ourace sea.		ncrete		this look day
13. Sieve analysis attached?	s 🗆 No				Other		題胜
14. Drilling method used: Rotar	y □50	₩ 14.	Material between v	vell casing and protective pipe:			
Hollow Stem Aug	er 🗆 4 1			Ber	ntonite		30
	er 🛛 🎞				Other	1000	
15. Drilling fluid used: Water □ 0.2 A	ir 🗆 0 1	5.		a. Granular/Chipped Ber			
		b.		d weight Bentonite-sand			
Drilling Mud 0 3 Non	E 199 8	© C.		d weight Bentonite			
16. Drilling additives used?	s ⊠ No	■ d.		te Bentonite-cement			50
10. Drining additives used?	s 🛮 No		Ft³ v	folume added for any of the about	ove		
		f.	How installed:	1	remie		0 1
Describe	I			Tremie pu	imped	\boxtimes	02
17. Source of water (attach analysis, if required). 			G	ravity		08
	1 18	6	Bentonite seal:	a. Bentonite gra	mulee	123	2 2
		M / "		/8 in. □ 1/2 in. Bentonite			
E. Bentonite seal, top ft. MSL	es No y 50 er 41 er 2 2 ir 01 ee 99 es 2 No): or ft.	3. 4. 5. b. c. d. e. f.	с	Manufacturer, product name a	Other		翻題
F. Fine sand, top ft. MSL o	or ft.		a		x mesi	_ SIZ	
			 b. Volume added _ 				
G. Filter pack, top ft. MSL of	or18.5 ft.	8.		: Manufacturer, product name	& mes	h siz	ze zenen
S12 S13 S S S S S S S S S S S S S S S S S S	10.5	11 /	~	D FLINT SAND & GRAVEL		_	
H. Screen joint, top ft. MSL of	or19.5 ft		 b. Volume added _ 				
	I G	9.	Well casing:	Flush threaded PVC schedu			23
f. Well bottom ft. MSL o	or21.5 ft			Flush threaded PVC schedu	ıle 80		24
					Other		題題
Filter pack, bottom ft. MSL c	or	1000000	Screen material: _	PVC	ry cut	57	
K. Borehole, bottom ft. MSL c	21.5 0		a. Screen Type:	Continuou			
C. Botenoie, bottom It. MSE C	1 1	<i>(XII)</i>					
5		//XI .		BOART LONGYEAR	Other	Ц.	Hereit
. Borehole, diameter in.			b. Manufacturer _	DOM'T DONG LEAK	- '	0.014	0 .
2.25			c. Slot size:			21	0 in.
M. O.D. well casing 2.37 in.			d. Slotted length:				<u>0</u> ft.
		`11.1	Backfill material (be		None		
N. I.D. well casing				(Other		
WAR TO THE RESERVE OF THE PARTY							
hereby certify that the information on this form	is true and correct to the best of r	my knowledge.		(1800)	100		
Signature II A A A	Circu	ONGYEAR COMP.	ANY	Tel	: 715-3	350	7090
John Rich		RSON STREET SO			715-3		

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater		nagement	MONITORING WEL		100 B W 00	TION
	Remediation/Redevelopm			Form 4400-113A	Rev. 7-9	/8	
Facility/Project Name	Local Grid Location of Wel		□E.	Well Name AS-	218		
BARR ENGINEERING Facility License, Permit or Monitoring No.	Local Grid Origin (es	etimated: [] \ or V	Well Location D	Wis. Unique Well No.	DND Wall?	Alvim'	hor
O	Lat	" Long	ven Location	wis. Omque wen ivo.	DIVIC WOIL	NUMBER OF STREET	OCI
Facility ID	St. Plane1			Date Well Installed	1		
	Section Location of Waste/S	Source		03/13/			
Type of Well	144 - 6 144 - 6	· · · · · · · ·	N. R BE	Well Installed By: (Pers	on's Name a	nd F	irm)
Well Code 62/as	1/4 of 1/4 of Location of Well Relative to		N, R. W	WES IN	MHOFF		
Distance from Waste/ Source Enf. Stds. Apply □	u 🛘 Upgradient	s Sidegradient	Gov. Lot Number	BOARTLON	GYEAR E&	I:	
	ft. MSL		. Cap and lock?		⊠ Yes		No
	4.00 ft. MSL		 Protective cover pi a. Inside diameter: 	pe:	2		in.
C. Land surface elevation	fl. MSL <		b. Length:		92	1501	ft.
			c. Material:		Steel		0.4
D. Surface seal, bottom ft. MSL	or			(1		A DOOR OF	The reservoir
12, USCS classification of soil near screen:	DINO/LOID	F. L. CONTONE	d. Additional prote		☐ Yes		No
SM SC ML MH CI	V SP CH CH CH	# R//	If yes, describe: . Surface seal:	3	Bentonite	_ Ø	30
Bedrock ☐ 13. Sieve analysis attached? ☐ Ye	s 🗆 No		, Surface seal;		Concrete	-	100000000
partial behaviors as an as as a	y □50		Meterial hattween v	rell casing and protective	Other	П	Bi
14. Drilling method used: Rotar Hollow Stem Auge	M 00:200000		. Waterial Detween v	ren easing and protective	Bentonite	П	3.0
	r 🗵 🚟			- All literatures and a	Other	\boxtimes	
IS DOWN GOLD IN THE FOR	- Day	5.		a. Granular/Chippe			
The state of the s	r 🗆 0 1	₩ ₩ b		d weight Bentonite	The Control of the Co		
Drilling Mud	3 1199		Lbs/gal mu		tonite slurry		
16. Drilling additives used? ☐ Ye	s ⊠No			olume added for any of t	ement grout the above		50
D 7			f. How installed:	1	Tremie		01
Describe				Tren	nie pumped	\boxtimes	02
17. Source of water (attach analysis, if required)	1				Gravity		08
		6.	Bentonite seal:		ite granules	- 9	
E. Bentonite seal, top ft. MSL o	or ft. \	3 4 4 5 5 6 6	c		Other		
F. Fine sand, top ft. MSL o	or ft.		a	Manufacturer, product r	iame & mesh	i size	
5 SW 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100		b. Volume added				
G. Filter pack, top ft. MSL c	r 18.5 ft.	相图 /*		Manufacturer, product FLINT SAND & GRA			ze III
H. Screen joint, top ft. MSL o	r 19.5 ft.	44/	b. Volume added _		TEE	-	pre-
		15/ 9	Well casing:	Flush threaded PVC s	schedule 40	×	23
I. Well bottom ft. MSL o	r 21.5 ft.		7. v. v. v. v. v. o.	Flush threaded PVC s			24
J. Filter pack, bottom ft. MSL o	r	10.	Screen material:	PVC			
	215		a. Screen Type:		Factory cut		
K. Borehole, bottom ft. MSL o	r ft.			Cont	tinuous slot Other		2704700100
L. Borehole, diameter6.0 in.		VIIIIN	b. Manufacturer _	BOART LONGYEA		0.017	0
Second File Service (Second Second Se			c. Slot size:		_(0 in.
M. O.D. well casing 2.37 in.		111	 d. Slotted length: Backfill material (be 	elow filter pack)	None		0 ft.
N. I.D. well casing 2.06 in.			Ducktin material (be	aon mioi paosj.	Other		
T1 1 25 4 44 7 5 4 4 4 5		-C			- 1		_
I hereby certify that the information on this form	Time					-	
Signature John Rich		T LONGYEAR COM DERSON STREET S		176	Tel: 715-3 Fax: 715-3		

Department of Natural Resources Route To:	Watershed/Wa Remediation/R	stewater \square	Waste Mana Other	igement [Form 4400-113A	Rev. 7-		1101
Facility/Project Name	Local Grid Loca	tion of Well	-	7.5	Well Name			
BARR ENGINEERING		ft. Sn \(\subseteq \text{N.} \) n \(\subseteq \text{(estimated:} \)	n.	d₩	AS	-22S		
Facility License, Permit or Monitoring No.	Local Grid Origi	n 🛛 (estimated:	☐) or We	ll Location	Wis. Unique Well No.	DNR Well	Num	aber
0	Lat°	Long	g	or				20
Facility ID	1	ft. N,			Date Well Installed	7.10.5111		
	Section Location	of Waste/Source	- 1000		03/1	3/2008		
Type of Well				DE.	Well Installed By: (Pe	rson's Name	and F	Firm)
Well Code 62/as	1/4 of	1/4 of Sec Relative to Waste/So		Roy, Lot Number	WES I	IMHOFF		
Distance from Waste/ Enf. Stds.		ent s \square Sic		iov. Lot Number				
Source ft. Apply	d II Downer	adient n \square No		***	BOART LO	NGYEAR E	ķΙ	
A. Protective pipe, top elevation	ft. MSL			Cap and lock?		⊠ Ye	s 🗆	No
	1.00		2.1	Protective cover pi	pe:			
Well casing, top elevation	4.00 ft. MSL -	' H	10	a. Inside diameter:	• X200 1			i
C. Land surface elevation	ft. MSL		1	b. Length;		70°		
			_	c. Material:		Stee		1 04
D. Surface seal, bottom ft. MSI	or ft.	OF THE PROPERTY OF THE PROPERT	X 14.201.20	Name and the second second		Other		
12. USCS classification of soil near screen:			XCOROR (d. Additional prote	ction?	☐ Ye	s 🛛	No
	W D SP D	/ 41 1		If yes, describe:				1000/9501
	L CH CH		//		W T 1127	Bentonite	X	30
Bedrock □		₩ ₩	`3. 8	Surface seal:		Concrete	-	
13. Sieve analysis attached?	es 🗆 No					Other		
	ry 🗆 5 0	₩ ₩		Material between u	vell casing and protective		-	12441
14. Drilling method used: Rota Hollow Stem Aug	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	₩ ₩	7		ven easing and protective	Bentonite	П	3.0
MINI SONIC Oth	- KA 1888					Other	_	100000000
Om	er Mases				· u minute			
16 D. W. G. 1 1 W	: D01	₩ ₩	5. /	Annular space seal:				
2	ir 🗆 0 1		b		id weight Bentonit			
Drilling Mud 03 Nor	е Ц99		С		id weight Be			
16. Drilling additives used?	e MNo		đ.,		te Bentonite-			50
10. Diffing additives used:	25 140	₩ ₩	е		olume added for any of	f the above		
Describe			f.	How installed:		Tremie		01
	UII CONTRACTOR OF THE CONTRACT				Tro	emie pumped	\boxtimes	02
17. Source of water (attach analysis, if required);					Gravity		08
			6. I	Bentonite seal:	a. Bento	nite granules	\boxtimes	33
			/ b	o. □1/4 in. □3/	/8 in. □ 1/2 in. Be	10.75		
E. Bentonite seal, top ft. MSL	or ft	. 🛭 🖺	/ 0		W 1-1-1-1-1			
, Dollows obey, top			/ ,7. F		Manufacturer, product			
. Fine sand, top ft. MSL	or fi		// a	L			Shares Action	
. The duty top			// 1	. Volume added	fi	r ³	-	
Filter pack, top ft. MSL	or18.5 ft	. \B M	8. F		Manufacturer, produc	rt name & me	sh si	ize
i. the pack, top			/ / .	and the second s	FLINT SAND & GR			
I. Screen joint, top ft. MSL	or19.5 ft.		/ 4	. Volume added		Q4.	-	22274111
i. Screen John, top	01 10	1		Vell casing:	Flush threaded PVC	The same that the court	Ø	23
W. H1 A MOY	or21.5 ft.		/ 9. v	wen casing.	Flush threaded PVC			
Well bottom ft. MSL	or n.	/ 目			riusii uireaucu r v C			51500
	215 6	く回り	_	2.2	PVC	Other	П	
Filter pack, bottom ft. MSL	or21.5 ft.			creen material: _	170	_	_	
A AND STORE STATE OF THE WINDOWS	21.5		a	Screen Type:	20400	Factory cut		
. Borehole, bottom ft. MSL	or	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	***		Co.	ntinuous slot		REPORTED IN
520		\///X	-		DOADT LONGAT	Other		
. Borehole, diameter6.0 in.		VIIII	1	. Manufacturer _	BOART LONGYE		0.01	10
20/2/2014/3				. Slot size:			0.01	10 in
1. O.D. well casing				. Slotted length:	***			.0 ft
			`11. B	Backfill material (be	elow filter pack):	None		ARMODYSTANA.
I. I.D. well casing 2.06 in.			~		- N - N	Other		
	FR				Sille Catal Production and Control	HILL - LINES		
		t to the best of my kn	22 12 13 WAR					

Route To:	Watershed/Wa Remediation/R	stewater	e Management	MONITORING WELL Form 4400-113A	L CONSTR Rev. 7-		CTION
Facility/Project Name	Local Grid Local	TAN PRODUCE AND ADDRESS OF THE PARTY OF THE		Well Name			
BARR ENGINEERING		_ft. 🗆 N	ft DE.	AS-	238		
Facility License, Permit or Monitoring No.	Local Grid Origi	n ⊠ (estimated: □)	or Well Location	Wis. Unique Well No.		Nun	nher
0	L et	Long	° or				
Facility ID	1			Date Well Installed			-
racinty 115	St. Plane	ft. N,	ft. E. S/C/N	. Production modern sense damped se			
Type of Well	Section Location	of Waste/Source	C F	Well Installed By: (Pers	2008	and I	Triama's
	1/4 of	1/4 of Sec, T	N.R 🗒 W			and r	rumj
Well Code 62/as	Location of Well	Relative to Waste/Source	Gov. Lot Number	WES IN	HOFF		
Distance from Waste/ Source ft. Enf. Stds. Apply	u Downgra	ent s ☐ Sidegradien adient n ☐ Not Known		BOART LON	GYEAR E&	èI	
	ft. MSL -		_1. Cap and lock?		⊠ Ye	s 🗆] No
137			2. Protective cover p	ipe:			
B. Well casing, top elevation	4.00 ft. MSL -	"HI"	a. Inside diameter:	· ·			ir
C. Land surface elevation	ft. MSL ~		b. Length:		2		f
			c. Material:		Steel	П	1 04
D. Surface seal, bottom ft. MSL	or ft.					1777	(BESTERO)
12. USCS classification of soil near screen:		STROYCOLD.	d. Additional prote	ection?	☐ Yes	s 🗵	No
GP □ GM □ GC □ GW □ SY	V □ SP □	/ 11 11 /	If yes, describe:		NESS. HOUSE		
	CH [M M /			Bentonite	M	1 30
Bedrock			3. Surface seal:		Concrete		
13. Sieve analysis attached?	s 🗆 No	₩ ₩ `	\		Other		DISTRICT
	y □50	₩ ₩	A Material hetween	well casing and protective			-
		₩ ₩	4. Material between	wen easing and protective	Bentonite		20
Hollow Stem Auge MINI SONIC Other		₩ ₩			Other		MORNING SA
MINI SONIC Othe	r Man			1000 1000 1000 1000 1000 1000 1000 100			
16 TO 101	·		5. Annular space seal				
[1852] : 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	r 🗆 0 1	₩ ₩		ud weight Bentonite-			
Drilling Mud □03 Non	e 🗆 99	₩ ₩	cLbs/gal m		onite slurry		
14 Delline of divine and 40	- FIN	₩ ₩	d% Bentoni	ite Bentonite-co	ment grout		50
16. Drilling additives used? ☐ Ye	s ⊠No	₩ ₩	eFt³ :	volume added for any of t	he above		
			f. How installed:		Tremie		01
Describe				Tren	nie pumped	\boxtimes	02
17. Source of water (attach analysis, if required)	:				Gravity		08
			6. Bentonite seal:	a Renton	ite granules		
				/8 in. □ 1/2 in. Bent			
B. Bentonite seal, top ft. MSL o	or ft.		c,		Other		
			7. Fine sand material:	Manufacturer, product n	ame & mes	h siz	makes and
F. Fine sand, top ft. MSL c	rft.		a				
			b. Volume added .	ft³			
G. Filter pack, top ft. MSL o	r ft.		8. Filter pack material	: Manufacturer, product	name & me	sh si	ize
			a. #40 RE	D FLINT SAND & GRA	VEL		贈問
Screen joint, top ft. MSL o	r	_ 4 4 /	b. Volume added	ft ³			
		1-1/	9. Well casing:	Flush threaded PVC s	chedule 40	M	23
. Well bottom ft, MSL o	r 22.0 ft.	、	7. Wen casing.	Flush threaded PVC s			
. Well bottom	10.			Tiusii uii vaucu 1 Y C 3	_ Other		distribute.
. Filter pack, bottom ft. MSL o	r	く国人		PVC	_ Oulei	Ц	BREST
. Filter pack, bottom ft. MSL o	r ft.		-10. Screen material: _			_	MINI.
THE RESERVE	22.0		a. Screen Type:		Factory cut		
C. Borehole, bottom ft. MSL o	r ft.	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Cont	inuous slot		things
		V///XX		DO LOWY OLLOWING	_ Other		
. Borehole, diameter6.0 in.		VIIIIA	b. Manufacturer	BOART LONGYEA			
			c. Slot size:		- 37	0.01	10 in.
 O.D. well casing			d. Slotted length;		_	2,	.0 ft.
COLOR CHARACTER CONTROL CONTRO		,	11. Backfill material (b	elow filter pack):	None		CONTRACTORS.
I. I.D. well casing 2.06 in.					_ Other		

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater	Waste Ma	nagement	MONITORING WEL	L CONSTR	UCTION
	Remediation/Redevelopme			Form 4400-113A	Rev. 7-9	98
Facility/Project Name BARR ENGINEERING	Local Grid Location of Well N. ft. S.		DE.	Well Name	24S	
Facility License, Permit or Monitoring No.	Local Grid Origin 🛛 (est	timated: ' or V Long. '	Vell Location	Wis. Unique Well No.		Number
Facility ID				Date Well Installed		
Facility ID	St. Plane ft Section Location of Waste/So		fl.E. S/C/N		/2008	
Type of Well		X-11.7	N, R U	Well Installed By: (Per		nd Firm)
Well Code 62/as	1/4 of 1/4 of S		N, R W		MHOFF	
Distance from Waste/ Source ft. Enf. Stds. Apply	10 10 10 10 10 10 10 10 10 10 10 10 10 1	s □ Sidegradient	Gov. Lot Number	BOART LON		ιI
A. Protective pipe, top elevation	ft. MSL		. Cap and lock?		⊠ Ye	s 🗆 No
	4.00 ft. MSL	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	. Protective cover pi a. Inside diameter:	pe:	_	in.
C. Land surface elevation	ft. MSL 🔍		b. Length:			ft.
		The same of the sa	c. Material:		Steel	□ 04
D. Surface seal, bottom ft. MSL	or ft.		-		Other	
12. USCS classification of soil near screen;	DIADICAL .	- AKENEDIE	d. Additional prote			⊠ No
	V D SP D		If yes, describe: Surface seal:		Bentonite	— ⊠ 30
Properties and and appropriate the Control of	s 🗆 No		. Surface seal.		Concrete	WILESAM.
Particular and the second of the country of the second of	5 LINO		16. 11.	well casing and protective	Other	
	y 🗆 5 0		. Material between v	veil casing and protective	Bentonite	D 20
Hollow Stem Auge MINI SONIC Othe	r 🗆 🕮		(***	CONTRACTOR OF		
IS DON'S GIVEN DOOR	T0.	5.		a. Granular/Chippe		
[1]	r 🗆 0 1	₩ ₩ b		id weight Bentonite		
Drilling Mud □ 0.3 Non	, 1199	88 °	Lbs/gal mu		tonite slurry	
16, Drilling additives used?	s ⊠ No		% Bentonii	be Bentonite-co colume added for any of	ement grout the above	□ 50
2/4/2			How installed:			□ 01
Describe				Trea	nie pumped	
17. Source of water (attach analysis, if required)					Gravity	
		8 8 . 6.	Bentonite seal:	a. Benton	ite granules	⊠ 33
E. Bentonite seal, top ft. MSL o	r ft.	3 4 5.5 b d d e d f	b. □ 1/4 in. □ 3/c.	/8 in. □ 1/2 in. Ben		□ 32
		7.	Fine sand material:	Manufacturer, product		
F. Fine sand, top ft. MSL o	r ft.		h Volume added	ft³		11195753
G. Filter pack, top ft. MSL o	r <u>19.5</u> ft.	,8.	Filter pack material	Manufacturer, product		constitute.
H. Screen joint, top ft. MSL o	20.5 ft.		b. Volume added _	D FLINT SAND & GRA	VBL	
		□ / 9.	Well casing:	Flush threaded PVC	schedule 40	⊠ 23
I. Well bottom ft. MSL o	r ft.			Flush threaded PVC	schedule 80 Other	10/12/20/20
J. Filter pack, bottom ft. MSL o	22.5 ft.	10.	Screen material:	PVC		新 程
K. Borehole, bottom ft. MSL o	22.5		a. Screen Type:		Factory cut	
K. Borehole, bottom ft. MSL o	П.					
L. Borehole, diameter	4		b. Manufacturer _	BOART LONGYEA		0.010
M. O.D. well casing 2.37 in.		1	c. Slot size: d. Slotted length:		-	0.010 in. 2.0 ft.
M. O.D. well casing 2.37 in.			Backfill material (be	elow filter pack):	None	⊠ 14
N. I.D. well casing						
I haraby antify that the information as the form	a base and compared to the best of	of my knowledge	110			-
I hereby certify that the information on this form Signature	Eima	management is diministrated by the	11377		m.1 m.s	200 700 7
John Kick	BUAKI	LONGYEAR COME DERSON STREET SO		176	Tel: 715- Fax: 715-	

Facility/Project Name BARR ENGINEERING Facility License, Permit or Monitoring No. O Local Grid Local Grid Local Grid O Lat. St. Plane Section Loc Section Loc Location of Location of Local Grid Lo	ion/Redevelopment Other Location of Well	t DE. Well Location D or	Well Name AS-25S Wis. Unique Well No. DNR Well	,500 (C)	
BARR ENGINEERING Facility License, Permit or Monitoring No. O Local Grid Lat. St. Plane Section Loc Location of Location of U D Source ft. MS Apply I d D D O A. Protective pipe, top elevation B. Well casing, top elevation C. Land surface elevation Ft. MS C. Land surface elevation Ft. MS C. Land surface elevation Ft. MS D. Surface seal, bottom Ft. MSL or O.0 12. USCS classification of soil near screen: GP GM GC GW SW SP SP SM SC ML ML MH CL CH Bedrock 13. Sieve analysis attached? Pyes No 14. Drilling method used: Rotary 50 Hollow Stem Auger 41 MINI SONIC Other MINI SONIC Other 15. Drilling fluid used: Water 02 Air 01 Drilling Mud 03 None 99 16. Drilling additives used? Pyes No	ft, S. ft Origin (estimated:) or Long. ft. N, estion of Waste/Source	Well Location or	AS-25S		
Facility License, Permit or Monitoring No. O Facility ID St. Plane Section Loc Section Loc Jostance from Waste/ Source ft. Enf. Stds. Apply A. Protective pipe, top elevation B. Well casing, top elevation C. Land surface elevation D. Surface seal, bottom Type of Well A. Protective pipe, top elevation C. Land surface elevation D. Surface seal, bottom Th. MSL or The MSL	Origin (estimated:) or Long. ft. N,	Well Location or	Wis. Unique Well No. DNR Well		
Type of Well Well Code 62/as Distance from Waste/ Source ft. Distance from Waste/ Ft. Apply A. Protective pipe, top elevation B. Well casing, top elevation C. Land surface elevation D. Surface seal, bottom Type of Well A. Protective pipe, top elevation B. Well casing, top elevation C. Land surface elevation Th. MS C. Land surface seal, bottom Th. MSL or The	ft. N,	or	mis. comque men me. Estate men	Num	her
Type of Well Well Code 62/as Distance from Waste/ Source Rt. Apply A. Protective pipe, top elevation B. Well casing, top elevation C. Land surface elevation D. Surface seal, bottom Th. MSL or C. Land surface elevation Th. MSL or The M	eation of Waste/Source			14011	DOL
Type of Well Well Code 62/as Distance from Waste/ Source Renf. Stds. Apply A. Protective pipe, top elevation B. Well casing, top elevation C. Land surface elevation D. Surface seal, bottom The MSL or	cation of Waste/Source	ft. E. S/C/N	Date Well Installed		
Type of Well Well Code 62/as Distance from Waste/ Source ft. Enf. Stds. Location of u Up. Apply			DOMESTIC CONTRACTOR OF THE PROPERTY OF THE PRO		
Well Code 62/as Distance from Waste/ Source ft. Enf. Stds. Location of u Up. Apply	A2 32425 9445 F	ПЕ	Well Installed By: (Person's Name	ond T	Ziran)
Distance from Waste/ Source Enf. Stds. Location of u □ Up. d □ Dor	of 1/4 of Sec, T	N, R B		and r	ппі
Source ft. Apply	Well Relative to Waste/Source	Gov. Lot Number	MAT WHITE		
B. Well casing, top elevation 2.00 ft. MS C. Land surface elevation ft. MSL or 0.0 D. Surface seal, bottom ft. MSL or 0.0 12. USCS classification of soil near screen: GP GM GC GW SW SP SP SM SC ML MH CL CH Bedrock 13. Sieve analysis attached? Yes No 14. Drilling method used: Rotary 50 Hollow Stem Auger 41 MINI SONIC Other MINI SONIC Other 15 Drilling Mud 0 3 None 99 16. Drilling additives used? Yes No Describe	gradient s ☐ Sidegradient wngradient n ☐ Not Known		BOART LONGYEAR E	&I	
B. Well casing, top elevation 2.00 ft. MS C. Land surface elevation ft. MSL or 0.0 D. Surface seal, bottom ft. MSL or 0.0 12. USCS classification of soil near screen: GP GM GC GW SW SP SP SM SC ML MH CL CH Bedrock 11 13. Sieve analysis attached? Yes No 14. Drilling method used: Rotary 50 Hollow Stem Auger 41 MINI SONIC Other 11 Drilling Mud 103 None 99 16. Drilling additives used? Yes No Describe		1. Cap and lock?	□ Ye	es 🗵	No
D. Surface seal, bottom		 Protective cover pi a. Inside diameter: 			ir
D. Surface seal, bottom	Sr .	b. Length:			f
12. USCS classification of soil near screen: GP □ GM □ GC □ GW □ SW □ SP □ SM □ SC □ ML □ MH □ CL □ CH □ Bedrock □ 13. Sieve analysis attached? □ Yes □ No 14. Drilling method used: Rotary □ 5 0 Hollow Stem Auger □ 4 1 MINI SONIC □ Other ☑ □ 15. Drilling fluid used: Water □ 0 2 Air □ 0 1 Drilling Mud □ 0 3 None □ 9 9 16. Drilling additives used? □ Yes ☒ No Describe □		c. Material;	Stee		
GP □ GM □ GC □ GW □ SW □ SP SM □ SC □ ML □ MH □ CL □ CH Bedrock □ 13. Sieve analysis attached? □ Yes □ No 14. Drilling method used: Rotary □ 50 Hollow Stem Auger □ 41 MINI SONIC Other □ 01 Drilling Mud □ 03 None □ 99 16. Drilling additives used? □ Yes □ No Describe □ Yes □ No	n Sisa	J. 17101071011	Othe	200	(STEELER)
SM □ SC □ ML □ MH □ CL □ CH Bedrock □ 13. Sieve analysis attached? □ Yes □ No 14. Drilling method used: Rotary □ 50 Hollow Stem Auger □ 41 □ 41 MINI SONIC □ Other □ 3 □ 01 Drilling fluid used: Water □ 02 Air □ 01 Drilling Mud □ 03 None □ 99 16. Drilling additives used? □ Yes ☒ No Describe □ □ Yes ☒ No	Discussion V President	d. Additional prote	ection?	s 🖾	No
Bedrock □ 13. Sieve analysis attached? □ Yes □ No 14. Drilling method used: Rotary □ 5 0 Hollow Stem Auger □ 4 1 MINI SONIC Other □ 01 Drilling Mud □ 03 None □ 9 9 16. Drilling additives used? □ Yes □ No Describe □		If yes, describe:		_	
13. Sieve analysis attached? ☐ Yes ☐ No 14. Drilling method used: Rotary ☐ 5 0 Hollow Stem Auger ☐ 4 1 MINI SONIC Other ☐ 01 Drilling fluid used: Water ☐ 0 2 Air ☐ 0 1 Drilling Mud ☐ 0 3 None ☐ 9 9 16. Drilling additives used? ☐ Yes ☒ No Describe ☐			Bentonite	· 🗵	30
14. Drilling method used: Hollow Stem Auger		Surface seal:	Concrete		01
Hollow Stem Auger			Other		颐
Hollow Stem Auger		4. Material between v	vell casing and protective pipe:		
MINI SONIC Other □ 0.1 Drilling fluid used: Water □ 0.2 Air □ 0.1 Drilling Mud □ 0.3 None □ 9.9 16. Drilling additives used? □ Yes ☒ No Describe □		TI TIME DELITED I	Bentonite	П	3.0
15. Drilling fluid used: Water □ 0 2 Air □ 0 1 Drilling Mud □ 0 3 None □ 9 9 16. Drilling additives used? □ Yes ☒ No Describe □			Other		
Drilling Mud □ 0 3 None □ 9 9 16. Drilling additives used? □ Yes ☒ No Describe			The second secon		~ ~
Drilling Mud □ 0 3 None □ 9 9 16. Drilling additives used? □ Yes ☒ No Describe		5. Annular space seal			
16. Drilling additives used? ☐ Yes ☐ No Describe			id weight Bentonite-sand slurry		
Describe		cLbs/gal m			
Describe		d% Bentoni	THE STATE OF THE S		50
			volume added for any of the above		
		f. How installed:	Tremie	1393	
arrangement of the control and the control of the c	-		Tremie pumped		
			Gravity		08
i i	_	6. Bentonite seal:			
TO STATE OF THE ST	_	b. □ 1/4 in. □ 3/	/8 in. □ 1/2 in. Bentonite chips		32
E. Bentonite seal, top ft. MSL or18.0	ft.		HOLEPLUG Other Manufacturer, product name & mes		
Fine sand, top ft. MSL or		a		_	
t love		b. Volume added _			
3. Filter pack, top ft. MSL or 20.0	n.		: Manufacturer, product name & me D FLINT SAND & GRAVEL	sh siz	te ma
H. Screen joint, top ft. MSL or21.0	. ft. — H H	b. Volume added _		-	
50 J (5)		9. Well casing:	Flush threaded PVC schedule 40	Ø	23
. Well bottom ft. MSL or 23.0	. ft、 【閏】		Flush threaded PVC schedule 80		
			Other	1	開闢
. Filter pack, bottom ft. MSL or23.0	n. 10	O. Screen material:			
W #		a. Screen Type:	Factory cut		
C. Borehole, bottom ft. MSL or23.0	ft.		Continuous slot	1	SERVICE SERVICE
			Other		
Borehole, diameter 6.0 in.	VIIIIA	b. Manufacturer _	BOART LONGYEAR		
		c. Slot size:	-	0.010) in.
M. O.D. well casing 2.37 in.		d. Slotted length:	_	2.0	<u>f</u> f.
	11	. Backfill material (be			STATISTICS.
I. I.D. well casing	*		Other		
***					_
hereby certify that the information on this form is true and co	orrect to the best of my knowledge.				

State of Wisconsin Department of Natural Resources Route To:	Watershed/Was	stewater	te Management	MONITORING WELL CONST	
Facility/Project Name	Local Grid Locat		т 🛮	Well Name	1-90
The street of the street, the street of the		ft. S	, DE.	The second secon	65
BARR ENGINEERING Facility License, Permit or Monitoring No.	Local Crid Origin	n (estimated:)	or Well Location	AS-26S Wis. Unique Well No. DNR Well	II Nissahan
	Lat			wis. Offique well No. DNR well	n Number
Facility ID	-			Date Well Installed	
racinty 115	St. Plane	ft. N, of Waste/Source	ft. E. S/C/N		
Type of Well	Section Location	of Waste/Source		Well Installed By: (Person's Name	and Pinns
	1/4 of	1/4 of Sec, T	N, R DE		and Firm)
Well Code 62/as Distance from Waste/ Enf. Stds.	Location of Well	Relative to Waste/Source	Gov. Lot Number	MAT WHITE	
Source ft. Apply	u □ Upgradie d □ Downgra	nt s ☐ Sidegradie dient n ☐ Not Know	m	BOART LONGYEAR I	
A. Protective pipe, top elevation	fi. MSL -		1. Cap and lock?		es ⊠ No
B. Well casing, top elevation	2.00 ft. MSL -		 Protective cover p a. Inside diameter: 	13	in
C. Land surface elevation	ft. MSL ~	. 1111	b. Length:		ft
		-	c. Material:	Ste	el 🗆 04
D. Surface seal, bottom ft. MSL	or ft. \			Oth	er 🛛 🔛
12. USCS classification of soil near screen:		200.00 () Acco	d. Additional prote		es 🛭 No
GP □ GM □ GC □ GW □ SY	W□ SP□	111 11/1	If yes, describe:		1
	CH CH C		\	Bentoni	te 🛛 30
Bedrock □			3. Surface seal:	Concre	te 🗆 01
13. Sieve analysis attached?	s 🗆 No	₩ ₩ '	\	Oth	er 🗆 🍱
14. Drilling method used: Rotar	y □50		4. Material between v	well casing and protective pipe:	
Hollow Stem Auge	TO 1				te 🛮 30
	r 🛛 🚟		MARIN	Othe	er 🛛 🚟
		₩ ₩	5 Annular enace coal	: a. Granular/Chipped Bentonit	
15. Drilling fluid used: Water □ 0 2 Ai	ir □01			ud weight Bentonite-sand shurr	
Drilling Mud □ 0 3 Non	e □99			ud weight Bentonite slurr	
Anticological Company (Company Company			d% Bentoni		
16. Drilling additives used? ☐ Ye	s ⊠ No			volume added for any of the above	# L 50
			f. How installed:		ie 🗆 01
Describe				Tremie pumpe	
17. Source of water (attach analysis, if required)):			100000000000000000000000000000000000000	y 🗆 08
	4.9		6. Bentonite seal:	a. Bentonite granule	MY MAS CHANGE
				/8 in. □ 1/2 in. Bentonite chip	man green to receive
E. Bentonite seal, top ft. MSL o	or19.0 ft.		c3/8'	"HOLEPLUG Othe	r 🛛 🧮
F. Fine sand, top ft. MSL o	or ft.	/ / DOM DOM / /	/ a		sn size
marketing and the same of the	21.0	/ M M /	b. Volume added _		Company ASSESSMENT
G. Filter pack, top ft. MSL c	or ft, -			: Manufacturer, product name & m	VA. E. 644
*)	22.0			D FLINT SAND & GRAVEL	Part of the second
H. Screen joint, top ft. MSL o	or22.0 ft		 b. Volume added _ 	ft ³	
	F 1277	TEV	Well casing:	Flush threaded PVC schedule 40	0 ⊠ 23
f. Well bottom ft. MSL o	or			Flush threaded PVC schedule 80	Samethers
	102107			Other	
J. Filter pack, bottom ft. MSL o	or24.0 ft.	<u> </u>	~10. Screen material: _	PVC	Ministration Ministration
		VIIIII	 Screen Type: 	Factory cu	t 🖾 11
K. Borehole, bottom ft. MSL o	r <u>24.0</u> ft.			Continuous slot	t 🛮 01
				Other	r 🗆 🕮
L. Borehole, diameter6.0 in.		VIIIIX	b. Manufacturer _	BOART LONGYEAR	
			c. Slot size;	A CONTRACT OF THE PARTY OF THE	0.010 in.
M. O.D. well casing in.		/	d. Slotted length:		2.0 ft.
ver maner 4.000 kom dr. 2000 - dr. 1900 - dr.			11. Backfill material (be	elow filter pack): None	
N. I.D. well casing 2.06 in.		78	-	Other	
I hereby certify that the information on this form			and the second second second second		N 40-40-40-40-2
Signature John Chil	Firm	DOART LUNGTEAR C			5-359-7090
//- reco	12	101 ALDERSON STRE	ET SCHOFIELD, WI 544	176 Fax: 715	5-355-5715

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater	Waste Management	MONITORING WELL CONSTI	Contract of the Contract of th
	Remediation/Redevelopment	Other	Form 4400-113A Rev. 7-	98
Facility/Project Name	Local Grid Location of Well	D.F.	Well Name	
BARR ENGINEERING	ft. 🗆 S. —	ft. 🗆 E.	AS-27S	
Facility License, Permit or Monitoring No.	ft. S Local Grid Origin (estimated	d: 🔲) or Well Location 🔲	Wis. Unique Well No. DNR Well	Number
. 0	Lat. " Le	ong or		
Facility ID	St. Plane ft. N,			
Type of Well	Section Location of Waste/Source	Пе	03/18/2008 Well Installed By: (Person's Name	and Eimm
VERNINGS IN WAST	1/4 of 1/4 of Sec	, TN, R DE	Well distance by. (Ferson's Name	and rum)
Well Code 62/as Distance from Waste/ Enf. Stds.	Location of Well Relative to Waste	Source Gov. Lot Number		
Source Apply	u □ Upgradient s □ S d □ Downgradient n □ S	Sidegradient Not Known	BOART LONGYEAR E	&I
A. Protective pipe, top elevation	ft. MSL	1. Cap and lock?		s 🛛 No
B. Well casing, top elevation	2.00 ft. MSL	Protective cover p a. Inside diameter		in
C. Land surface elevation	ft. MSL	b, Length;		n fi
		c. Material:	Stee	1 🗆 04
D. Surface seal, bottom ft. MSL	or	1501501	Other	PROPERTY
12. USCS classification of soil near screen:	Sie Sie	d. Additional prot		s 🖾 No
	WO SPO	rv \	-	_
	CH C	11/		⊠ 30
Bedrock 🗆		3. Surface seal:		□ 01
13. Sieve analysis attached?	s 🗆 No		Other	100000000
14. Drilling method used: Rotal	y □50	4. Material between	well casing and protective pipe:	
Hollow Stem Aug	T 041 1		Bentonite	□ 30
	er 🛛 🗮	=		
		5. Annular space sea	I: a. Granular/Chipped Bentonite	□ 33
15. Drilling fluid used: Water □ 0 2 A	ir 🗆 0 1 🔛 📗	b. Lbs/gal m	ud weight Bentonite-sand slurry	
Drilling Mud □ 0 3 Nor	e □99	cLbs/gal m		
		d% Benton	ite Bentonite-cement grout	
16. Drilling additives used? ☐ Ye	s ⊠No	eFt³	volume added for any of the above	
		f. How installed:		□ 01
Describe	I 📓 I		Tremie pumped	
17. Source of water (attach analysis, if required):	3 · ·		□ 08
		6. Bentonite seal:	a. Bentonite granules	
		/ b □1/4 in □	3/8 in. 1/2 in. Bentonite chips	
E. Bentonite seal, top ft. MSL	ss No y 50 er 141 er 2 2 ir 01 ee 199 es 2 No): or	c3/8	"HOLEPLUG Other	
F. Fine sand, top ft. MSL	or ft.	7. Fine sand material	: Manufacturer, product name & mes	n size
*		b. Volume added	fl ³	
G. Filter pack, top ft. MSL	or17.5 ft.	b. Volume added 8. Filter pack materia	d: Manufacturer, product name & me	sh size
		a#40 RE	ED FLINT SAND & GRAVEL	
H. Screen joint, top ft. MSL o	or18.5 ft.	b. Volume added	ft³	
		9. Well casing:	Flush threaded PVC schedule 40	⊠ 23
I. Well bottom ft. MSL o	or20.5_ ft. \ [Flush threaded PVC schedule 80	□ 24
			Other .	
T. Filter pack, bottom ft. MSL o	or	10. Screen material:	PVC	
	21.0	a. Screen Type:	Factory cut	
C. Borehole, bottom ft. MSL of	or		Continuous slot	
			MALINEY ANTONE LE	
Borehole, diameter in.	VIIIII	b. Manufacturer		0.010
		c. Slot size:	-	0.010 in.
M. O.D. well casing 2.37 in.		d. Slotted length:		2.0 ft.
		11. Backfill material (t		⊠ 14 ·
N. I.D. well casing 2.06 in.			Other	
hereby certify that the information on this form		cnowledge.	*	
Signature John Kick	11	GYEAR COMPANY		359-7090
	101 ALDERSO	ON STREET SCHOFIELD, WI 54	476 Fax: 715-	355-5715

Attachment:
Supplemental AS System Line 3 Sparge Point Construction
Forms

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater	Waste Ma	nagement [MONITORING WEL	L CONSTR	UCTION
	Remediation/Redevelopmen			Form 4400-113A	Rev. 7-9	18
Facility/Project Name	Local Grid Location of Well		O.P.	Well Name		
BARR ENGINEERING	ft. □ N. Local Grid Origin ⊠ (estir	ft.	□ E. □ W.	Wis. Unique Well No.	3-8	Sec.
Facility License, Permit or Monitoring No.	Local Grid Origin (estin	nated: 🗌) or V	Vell Location	Wis. Unique Well No.	DNR Well 1	Number
Facility ID	St. Plane ft. 1			Date Well Installed	L	
	Section Location of Waste/Sou	urce	_ 10.0. 07.0714		/2008	
Type of Well	1/4 - 6 1/4 - 6 6 -	т.	N.B. DE	Well Installed By: (Per	son's Name a	and Firm)
Well Code 62/as	1/4 of 1/4 of Se Location of Well Relative to V	C, I Vaste/Source	Gov. Lot Number	MAT	WHITE	
Distance from Waste/ Source Enf. Stds. Apply	u □ Upgradient s	☐ Sidegradient ☐ Not Known		ВОл	ART	
	ft. MSL		. Cap and lock?	3	☐ Yes	s 🖾 No
	3.00 ft. MSL		 Protective cover p. a. Inside diameter: 			in
C I and mufan almost an	ft. MSL <		b. Length:			fi
			c. Material:		-	^^``
D. Surface seal, bottom ft. MSL	or ft.	10010016		42.12		
12. USCS classification of soil near screen:	120200	Aconon.		ection?		s 🛛 No
The second secon	W O SP O \		If yes, describe:			
SM SC ML MH C	СП СНО				Bentonite	⊠ 30
Bedrock □			S. Surface seal:		Concrete	□ 01
13. Sieve analysis attached? ☐ Ye	s □No				Other	
14. Drilling method used: Rotar	y □50	4	. Material between	well casing and protectiv	e pipe:	
Hollow Stem Augs	r □41				Bentonite	□ 30
MINI SONIC Othe	er 🛛 🗮 📗 👢		2		Other	
		5	. Annular space seal	: a. Granular/Chippe	ed Bentonite	☑ 33
15. Drilling fluid used: Water □ 0 2 A	ir □01			ud weight Bentonite		
Drilling Mud □ 0 3 Non	e □99		cLbs/gal m	ud weight Ben	tonite slurry	□ 31
16 D 10 24/2 40	s 🛭 No		d% Bentoni	ite Bentonite-c	ement grout	□ 50
16. Drilling additives used? ☐ Ye	S MINU			volume added for any of	the above	
Describe			f. How installed:			
17. Source of water (attach analysis, if required	XX			Tre	mie pumped	
17. Obtate of Water (attach that you, it required	^{''}				Gravity	
		,6			nite granules	
			b. □ 1/4 in. □ 3	/8 in. □ 1/2 in. Ber	ntonite chips	□ 32
E. Bentonite seal, top ft. MSL o	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7		" HOLEPLUG Manufacturer, product		
F. Fine sand, top ft. MSL o	or ft.		a			13012411 12012411 12012411
		1 1 1 2		ft³		
G. Filter pack, top ft. MSL o	r14.0 ft.	1 1/8	in the second se	l: Manufacturer, produc D FLINT SAND & GRA		sh size
H. Screen joint, top ft. MSL o	or15.0 ft.		b. Volume added			
		9	. Well casing:	Flush threaded PVC		⊠ 23
I. Well bottom ft. MSL c	or17.0_ ft. \			Flush threaded PVC		
			2			
J. Filter pack, bottom ft. MSL c	or17.0 ft.	10.	Screen material:	PVC		<u>Na</u>
			a. Screen Type:		Factory cut	⊠ 11
K. Borehole, bottom ft. MSL o	or18.0 ft. <			Con	itinuous slot	□ 01
			3			
L. Borehole, diameter6.0 in.			b. Manufacturer	BOART LONGYE		
			c. Slot size:		<u> </u>	0.010 in.
M. O.D. well casing 2.37 in.			d. Slotted length:			<u>2.0</u> ft.
7009		`11.	. Backfill material (b			□ 14
N. I.D. well casing 2.06 in.			N	ATURAL	Other	
I hereby certify that the information on this form		of my knowledge.		- X 2000		
Signature John Flick		LONGYEAR COM ERSON STREET S	PANY SCHOFIELD, WI 54	476	Tel: 715- Fax: 715-	359-7090 355-5715

Department of Natural Resources Route To:	Watershed/Wastewater Remediation/Redevelopment		nagement	MONITORING WEI Form 4400-113A	L CONSTR Rev. 7-9		ION
Facility/Project Name	Local Grid Location of Well			Well Name			
BARR ENGINEERING	⊕ □ N.	ft	□E.	A	S-9		
Facility License, Permit or Monitoring No.	ft. N. Local Grid Origin (estim	nated: or W	Vell Location	Wis. Unique Well No.	DNR Well i	Numb	er
0	Lat "	Long	' " or	• • • • • • • • • • • • • • • • • • • •			
Facility ID	1	The transfer was the same of the		Date Well Installed			-
	St. Plane ft. N Section Location of Waste/Sou	N,	_ ft. E. S/C/N		4/2008		
Type of Well			□E	Well Installed By: (Pe		and Fi	rm)
Well Code 62/as	1/4 of1/4 of Sec	e, T	.N, R W				,
Distance from Waste/ Enf. Stds.	Location of Well Relative to W	/aste/Source ☐ Sidegradient	Gov. Lot Number	MAI	WHITE		
Source ft. Apply	d □ Downgradient n !	□ Not Known		BOART LO	NGYEAR E&	I	
A. Protective pipe, top elevation	ft. MSL	\longrightarrow 1	. Cap and lock?		☐ Yes	s 🖾 🖰	No
	3.00 ft. MSL		. Protective cover p				72.0
			a. Inside diameter:				
C. Land surface elevation	ft. MSL	1	b. Length:				
D. Surface seal, bottom ft. MSI	or 0.0 ft	TE STEELS	c. Material:				
			1 A 1122 1	ection?			
12. USCS classification of soil near screen:		X	d. Additional prote	ection?	☐ Yes		NO
	W SP		ii yes, describe.	Alta di agrania			0.0
Bedrock □		3	. Surface seal:		Bentonite		
13. Sieve analysis attached?	es FINo				Concrete Other		
	1 88	3 4	X 4 S Y Y Y Y			ا لـا	
14. Drilling method used: Rota:	ry U30	4	. Material between	well casing and protective		<u></u>	2.0
Hollow Stem Aug MINI SONIC Oth	er U41				Bentonite		
Oth	er 🗵 🎞						
15 Deilling Suid word: Water DA2 A	ir 🗆 0 1	5		: a. Granular/Chipp			
15. Drilling fluid used: Water □ 0 2 A Drilling Mud □ 0 3 Nor		l 📓 l		ud weight Bentonit			
Diffining wind (2) 0.5 Noi	ie 🗆 🥬	1 🕅 '		ud weight Bei	17.7		
16. Drilling additives used?	es ⊠ No		i% Bentoni		cement grout	U :	50
, and the second	() ×			volume added for any of		-	0.1
Describe		1 🕅 '	f. How installed:		Tremie		
17. Source of water (attach analysis, if required	1):			176	emie pumped Gravity		
		/°	Bentonite seal:		nite granules		
				/8 in. □ 1/2 in. Be " HOLEPLUG	ntonite chips		5 2
E. Bentonite seal, top ft. MSL				Manufacturer, product			
P. F	or ft.		. Fine sand material.	Manufacturer, product	. name & mes		
F. Fine sand, top ft. MSL	or ft. \		a	n	3	\$	
0.70	14.0 0		b. Volume added			.1 .1	
G. Filter pack, top ft. MSL	or14.0 ft.	/°.		I: Manufacturer, produc		sn size	e
11 C	or15.0 ft.			D FLINT SAND & GR		_ 2	
H. Screen joint, top ft. MSL	or		b. Volume added				
A 1/01	170	9.	Well casing:	Flush threaded PVC			2 3
I. Well bottom ft. MSL	or n.			Flush threaded PVC			
	170 0	10.		PVC	Other	Ц	<u> </u>
J. Filter pack, bottom ft. MSL	or17.0 ft.	□ \ 10.	Screen material: _	PVC		2	
	180 0		a. Screen Type:		Factory cut		
K. Borehole, bottom ft. MSL	or H.			Cor	ntinuous slot		am # 2 # 2 g
60			1 37 0	BOART LONGYE	Other	Ц	
L. Borehole, diameter6.0 in.	_		b. Manufacturer	BOART LONG TO	MARKET AND THE REAL PROPERTY.	0.010	
3.27			c. Slot size:		-	2.0	_ in.
M. O.D. well casing 2.37 in.		1	d. Slotted length:	alass Classical N			_ ft.
20/		~11.	Backfill material (b	elow filter pack): ATURAL	None	. 54	121111
N. I.D. well casing 2.06 in.				ZZZ CINI NA	Other	XI _	7/21/0
	. 22		****				
I hereby certify that the information on this form	Tr.		9.5×1000 mm				
Signature John Plus		LONGYEAR COM	PANY SCHOFIELD, WI 54	176	Tel: 715- Fax: 715-		
	1 101 AL11	CAN MAN OF LECTION	11 11 11 11 11 11 1 1 1 1 1 1 1 1 1 1	CONTRACT DE CONTRA	DAX /17.	1 1 7-7	4 1 7

Department of Natural Resources Route To:		aste Management ther	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name	Local Grid Location of Well		Well Name
BARR ENGINEERING	ft. N	ft. 🗆 E.	AS-10
Facility License, Permit or Monitoring No.	Local Grid Origin 🛛 (estimated: 🔲) or Well Location	Wis. Unique Well No. DNR Well Number
0	Lat Long	or	
Facility ID	St. Plane ft. N,	ft. E. S/C/N	Date Well Installed
-	Section Location of Waste/Source		03/04/2008
Type of Well	1/4-6 1/4-68 7	DE DE	Well Installed By: (Person's Name and Firm)
Well Code 62/as	1/4 of1/4 of Sec, T Location of Well Relative to Waste/Source	e Gov. Lot Number	MAT WHITE
Distance from Waste/ Source ft. Enf. Stds. Apply	u □ Upgradient s □ Sidegraded □ Downgradient n □ Not Kno	dient	BOART LONGYEAR E&I
A. Protective pipe, top elevation	ft. MSL	1. Cap and lock?	☐ Yes ☒ No
	3.00 ft. MSL	2. Protective cover p	pipe:
B. Well casing, top elevation	9.00 H. MSL	a. Inside diameter	(F) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C
C. Land surface elevation	ft. MSL	b. Length:	f
D. Surface seal, bottom ft. MSL	or 0.0 o	c. Material:	Steel 0 4
			Other 🛛 🚟
12. USCS classification of soil near screen:		d. Additional prot	ection?
	W SP CH	If yes, describe	
Bedrock □		3. Surface seal:	Bentonite ⊠ 3 0
13. Sieve analysis attached?	es 🗆 No		Concrete 0 1
AND A CONTRACT OF A CONTRACT O		A Manufallian	well casing and protective pipe:
14. Drilling method used: Rota	λ [] 10	4. Material between	Bentonite 3 0
Hollow Stem Aug MINI SONIC Oth	er L141		Other 🖾
- White Source Out	31 (4 23 24)		
15. Drilling fluid used: Water □ 0 2 A	es		d: a. Granular/Chipped Bentonite □ 3 3
Drilling Mud 03 Nor	ne 🗆 9		and weight Bentonite-sand slurry 35
		d% Benton	nud weight Bentonite slurry 3 1
16. Drilling additives used? ☐ Ye	es ⊠ No		ite Bentonite-cement grout 5 0 volume added for any of the above
		f. How installed:	
Describe		t. How instance,	Tremie pumped 02
17. Source of water (attach analysis, if required	D:		Gravity 🗵 0 8
		6. Bentonite seal:	a. Bentonite granules ⊠ 3 3
		,	3/8 in. \square 1/2 in. Bentonite chips \square 3 2
E. Bentonite seal, top ft. MSL	V 100	/ c3/8	"HOLEPLUG Other Manufacturer, product name & mesh size
F. Fine sand, top ft. MSL	or ft.	7. The sand material	. Manufacturer, product name & mesh size
1. The said, top it itse	" — "	b. Volume added	ft³
G. Filter pack, top ft. MSL	or 14.0 ft		al: Manufacturer, product name & mesh size
o mo. pasiq top		/	D FLINT SAND & GRAVEL
H. Screen joint, top ft. MSL	or15.0 ft	b. Volume added	
an an ana ang √ ang v a an r	——————————————————————————————————————	9. Well casing:	Flush threaded PVC schedule 40 ⊠ 2.3
I. Well bottom ft. MSL	or17.0 ft. \		Flush threaded PVC schedule 80 24
	or 17.0 n.		Other 🗆
J. Filter pack, bottom ft. MSL	or17.0 n	10. Screen material:	PVC
		a. Screen Type:	Factory cut ⊠ 11
K. Borehole, bottom ft. MSL	or18.0 ft. \	-,,	Continuous slot 0 1
,			Other 🗆
L. Borehole, diameter6.0 in.		b. Manufacturer	BOART LONGYEAR
4 to 3.5 minute #2440 100 100 100 100 100 100 100 100 100		c. Slot size:	
M. O.D. well casing 2.37 in.		d. Slotted length:	
access of the second of the se		11. Backfill material (t	
N. I.D. well casing 2.06 in.			NATURAL Other 🖾 💷
3			
I hereby certify that the information on this form	is true and correct to the best of my knowle	edge.	
Signature John Rul.	Firm BOART LONGYEA		Tel: 715-359-7090
1142		REET SCHOFIELD, WI 54	

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater ☐ Remediation/Redevelopment ☐	Waste Management Other	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name	Local Grid Location of Well		Well Name
BARR ENGINEERING	n DN.	n DE.	AS-11
Facility License, Permit or Monitoring No.	ft. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	l: []) or Well Location []	AS-11 Wis. Unique Well No. DNR Well Number
0		ong. or	
Facility ID	St. Plane ft. N, _	ft. E. S/C/N	Date Well Installed
	St. Plane ft. N, Section Location of Waste/Source		03/04/2008
Type of Well	1/4 of 1/4 of Sec	T NR OW	Well Installed By: (Person's Name and Firm)
Well Code 62/as	Location of Well Relative to Waste	/Source Gov. Lot Number	MAT WHITE
Distance from Waste/ Source ft. Enf. Stds. Apply	u □ Upgradient s □ S	Sidegradient	
A. Protective pipe, top elevation	ft. MSL	1. Cap and lock?	☐ Yes ⊠ No
B. Well casing, top elevation	ft. MSL ft. MSL 3.00 ft. MSL	a. Inside diameter	
C. Land surface elevation	ft. MSL	b. Length:	ft
D. Surface seal, bottom ft. MSL	0.0 0	c. Material:	Steel 04
Final Control of the	011.		Other 🛛 🚟
12. USCS classification of soil near screen:	To the state of th	d. Additional prot	ection? □ Yes ☑ No
	W C SP C	If yes, describe	:
SM SC ML MH C Bedrock D	L CH C	3. Surface seal:	Bentonite 🖾 3 0
13. Sieve analysis attached?	es DNo		Concrete 0 1
			Other 🗆
	ry □ 5 0	4. Material between	well casing and protective pipe:
Hollow Stem Aug MINI SONIC Oth	er U41		Bentonite ☐ 3 0 Other ☑
- Millionio Oth	ry □ 50 er □ 41 er □ 2□ ir □ 01 ne □ 99 es □ No d):	×	
15. Drilling fluid used: Water □ 0.2 A	air 🗆 0 1		d: a. Granular/Chipped Bentonite 🗵 3 3
Drilling Mud 03 Nor	ne 🗆 9		nud weight Bentonite-sand slurry 3 5
			aud weight Bentonite slurry □ 3 1 ite Bentonite-cement grout □ 5 0
16. Drilling additives used?	es ⊠ No	XXI	volume added for any of the above
		f. How installed:	
Describe		i. How histaned.	Tremie pumped 0 2
17. Source of water (attach analysis, if required	1):		Gravity ⊠ 08
		6. Bentonite seal:	15
		X4 .	3/8 in. □ 1/2 in. Bentonite chips □ 3 2
E. Bentonite seal, top ft. MSL	\	c. 3/8	"HOLEPLUG Other
F. Fine sand, top ft. MSL	or ft.	ab. Volume added	: Manufacturer, product name & mesh size
21.2		b. Volume added	ft³
G. Filter pack, top ft. MSL	or14.0 ft.	8. Filter pack materia	al: Manufacturer, product name & mesh size
* * * *		a. #40 RE	ED FLINT SAND & GRAVEL
H. Screen joint, top ft. MSL	or15.0 ft.	b. Volume added	ft ³
		9. Well casing:	Flush threaded PVC schedule 40 🗵 23
I. Well bottom ft. MSL		1	Flush threaded PVC schedule 80 🔲 24
	or17.0 ft.	<u> </u>	Other 🗆
J. Filter pack, bottom ft. MSL	or17.0 ft.	10. Screen material:	PVC
	VIIII.	a. Screen Type:	Factory cut 🖾 11
K. Borehole, bottom ft. MSL	or18.0 ft		Continuous slot □ 01
			Other 🗆
L. Borehole, diameter 6.0 in.	VIIII	b. Manufacturer	BOART LONGYEAR
		c. Slot size:	
M. O.D. well casing 2.37 in.		d. Slotted length:	ft.
		11. Backfill material (0.1 200 000 000 000 000 000 000 000 000 00
N. I.D. well casing 2.06 in.		P	VATURAL Other ⊠
I hereby certify that the information on this form	T)	Malaria Esperante de Maria de Companyo de	
Signature John Rec		GYEAR COMPANY	Tel: 715-359-7090
	I 101 ALDERS	ON STREET SCHOFIELD. WI 54	4476 Fax: 715-355-5715

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater		nagement	MONITORING WELL Form 4400-113A	L CONSTR Rev. 7-9		ION
Facility / Desirat Name	Remediation/Redevelopment Local Grid Location of Well	Other 🗆	1974 da 1	Well Name	ICCV. 7-9	-	
Facility/Project Name	Local Grid Location of Well N.		□ E.		10		
BARR ENGINEERING Facility License, Permit or Monitoring No.	ft. □ N. □ S. □ Local Grid Origin ⊠ (estim	neted: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Well Location	Wis. Unique Well No.	DMD Well N	Juml	205
	Lat ' "	ialed. []) of v	ven Location	Wis. Oilique Well 140.	DINK WEIL	vuille)CI
Facility ID				Date Well Installed			
racinty ID	St. Plane ft. N	٧,	_ ft. E. S/C/N		10.000		
Type of Well	Section Location of Waste/Sou	irce	□Е	Well Installed By: (Per		and F	irm)
CONTRACTOR SECTION SALES	1/4 of 1/4 of Sec	e, T	_N, R 🗆 W	, ,		iiid i	nni)
Well Code 62/as Distance from Waste/ Enf. Stds.	Location of Well Relative to W	/aste/Source	Gov. Lot Number	MAT V	VHITE		
Source ft. Apply	d Downgradient n			BOART LON			
A. Protective pipe, top elevation	ft. MSL		1. Cap and lock?		☐ Yes	; 🛛	No
	3.00 ft. MSL		2. Protective cover p				740
	-		a. Inside diameter:		_		in. ft.
C. Land surface elevation	ft. MSL		b. Length: c. Material:		Steel		
D. Surface seal, bottom ft. MSL	or <u>0.0</u> ft.	源沙南沙	c. Material:		Other		0 4
12. USCS classification of soil near screen:		20000	d Additional prote	ection?			
	W D SP D					12.3	110
	ID CHOL		54 61		Bentonite	_ [X]	3 0
Bedrock □	8	₩ \ `3	Surface seal:		Concrete	12-08	
13. Sieve analysis attached?	es □No				Other		
14. Drilling method used: Rotar	es	3	I. Material between v	well casing and protective			Mariani a man
Hollow Stem Aug	er 🗆 4 1			Last to the state of the state	Bentonite		3 0
MINI SONIC Other	er 🛛 🖺				Other	\boxtimes	131000
		§ ——— s	Annular space seal	: a. Granular/Chippe	ed Bentonite	П	3 3
15. Drilling fluid used: Water □ 02 A	.ir □01			ud weight Bentonite			
Drilling Mud □ 0 3 Nor	ne □99			ud weight Ben			
			d% Bentoni	(177)	ement grout		
16. Drilling additives used? ☐ Ye	es ⊠ No	8 ⊠ .		volume added for any of			
			f. How installed:		Tremie		01
Describe				Trei	mie pumped		02
17. Source of water (attach analysis, if required	1):				Gravity	\boxtimes	0 8
		8 🔘 6	6. Bentonite seal:	a. Bentor	nite granules		3 3
					ntonite chips		
E. Bentonite seal, top ft. MSL	or ft. \			" HOLEPLUG			
F. Fine sand, top ft. MSL		7	. Fine sand material:	: Manufacturer, product	name & mes	h siz	e susu
r. Fine saild, top	·· \ \		h Volume added	ft ³			
G. Filter pack, top ft. MSL	or14.0 ft.			l: Manufacturer, produc		sh si	ze.
C. The pack of				D FLINT SAND & GRA		Astrica.	13.55
H. Screen joint, top ft. MSL	or15.0 ft		b. Volume added				
		日/ 9	. Well casing:	Flush threaded PVC		\boxtimes	23
I. Well bottom ft. MSL	or17.0 ft. <	10		Flush threaded PVC			
					Other		4 4 5 65 5
J. Filter pack, bottom ft. MSL	or17.0_ n.	[] \	. Screen material: _	PVC			
			a. Screen Type:		Factory cut		
K. Borehole, bottom ft. MSL	or18.0_ ft. <				ntinuous slot		
And American Common Angland American State Common Common Common Common Common Common Common Common Common Comm		//X/A		13500 NAP	Other		15 15 1 15
L. Borehole, diameter 6.0 in.			b. Manufacturer	BOART LONGYE	AR		
A			c. Slot size:				0_ in.
M. O.D. well casing 2.37 in.			d. Slotted length:		_	2.0	<u>0</u> ft.
		`11	. Backfill material (b		None		14
N. I.D. well casing <u>2.06</u> in.				IATURAL	Other		
I hereby certify that the information on this form		of my knowledge.					
Signature CO-1	Firm BOART	LONGYEAR COM	IPANY		Tel: 715-	359-	7090
John A Kich	101 ALD	ERSON STREET S	SCHOFIELD, WI 54	476	Fax: 715-	355-	5715

State of Wisconsin Department of Natural Resources Route To:	No. of the Control of	Wastewater		nagement	MONITORING WELL CONST.		TION
		n/Redevelopment	Other	E	Form 4400-113A Rev. 7-	.98	
Facility/Project Name	Local Grid Lo	ocation of Well		ПЕ	Well Name		
BARR ENGINEERING		ft. 🗒 S	ft.	E. U. Vell Location	AS-13		
Facility License, Permit or Monitoring No.	Local Grid O	rigin 🛭 (estin	nated: 🗌) or V	Vell Location	Wis. Unique Well No. DNR Well	Num	iber
O	Lat.		Long.	or			
Facility ID	St. Plane	ft. 1	ν,	_ ft. E. S/C/N	Date Well Installed		
	Section Locat	ion of Waste/Sou	irce		03/04/2008	daments.	
Type of Well	1/4 of	1/4 of Sec	с Т	N, R E	Well Installed By: (Person's Name	and.	Firm)
Well Code 62/as	Location of V	Vell Relative to W	/aste/Source	Gov. Lot Number	MAT WHITE		
Distance from Waste/ Source ft. Enf. Stds. Apply	u 🗆 Upgr		☐ Sidegradient		BOART LONGYEAR E	&I	
A. Protective pipe, top elevation	ft. MSI	,		I. Cap and lock?	□ Y	es 🛭	No
B. Well casing, top elevation	3.00 A MET		T 8 /2	2. Protective cover p.			
B. Well casing, top elevation	J.OJ_ IL. MISI	1	H	 Inside diameter: 			in
C. Land surface elevation	ft. MSI			b. Length:			ft.
D. Surface seal, bottom ft. MSL	or 0.0	e 3333	153531	c. Material:			0 4
	01		May Sun	S. Windradad - S. Wi	Othe		
12. USCS classification of soil near screen:		THE THE STATE OF	- Coursil	d. Additional prote			No
	W \square SP \square			If yes, describe:			
SM SC ML MH C	L CH C			S. Surface seal:	Bentonit		
	- FINE				Concret		
	s 🗆 No				Othe	r 🗆	
	y □50		8 🔘 `4	Material between	well casing and protective pipe:		
Hollow Stem Auge	r 🗆 4 1				Bentonit		27
MINI SONIC Other	r ⊠≝≝		4 🛭		Othe	r 🛛	
		ft.	5		I: a. Granular/Chipped Bentonit		
3	ir □01				ud weight Bentonite-sand slurr		
Drilling Mud □ 0 3 Non	е ⊔99		§ 🔯 '		ud weight Bentonite slurr		
16. Drilling additives used? ☐ Ye	s 🛭 No				ite Bentonite-cement grou	t 🗆	50
10. Drining additives used:	3 23110	1 🛚			volume added for any of the above		
Describe				f. How installed:			
17. Source of water (attach analysis, if required)·	1 🛚			Tremie pumpe		
17. Board of Trass (and the many sis, if requires					Gravit		
		┚	,6	. Bentonite seal:	 Bentonite granule 		
		8			8/8 in. □ 1/2 in. Bentonite chip	s \square	3 2
E. Bentonite seal, top ft. MSL	or				" HOLEPLUG Othe		
		ft.		. Fine sand material:	: Manufacturer, product name & me	esh siz	ze
F. Fine sand, top ft. MSL	or	ft.		a			
	44.0	/ //	KA P		ft ³		
G. Filter pack, top ft. MSL of	or14.0	ft.	8	The same and the s	l: Manufacturer, product name & n	iesh s	ize
	150				D FLINT SAND & GRAVEL		
H. Screen joint, top ft. MSL o	or15.0	ft.		b. Volume added .			
		Ts	9	. Well casing:	Flush threaded PVC schedule 40		23
I. Well bottom ft. MSL o	or17.0	ft.	圍化		Flush threaded PVC schedule 80		State of the
					Othe	r 🗆	1011
J. Filter pack, bottom ft. MSL of	or17.0	ft.	国 10.	. Screen material: _			*******
	10.0			a. Screen Type:	Factory cu		
K. Borehole, bottom ft. MSL c	or18.0	ft.			Continuous slo		0 1
Va. 15ke			////		Other	: 🗆	
L. Borehole, diameter6.0 in.		V/2		 b. Manufacturer . 	BOART LONGYEAR	0.01	
MediaNisi				c. Slot size:	ș i	0.01	10 in.
M. O.D. well casing 2.37 in.				d. Slotted length:			<u>.0</u> ft.
			`11.	Backfill material (b	LACOTIO AT		· Server
N. I.D. well casing 2.06 in.				N	IATURAL Other		1332
		~		- Iria			
I hereby certify that the information on this form			f my knowledge.				
Signature John + Kurl.		Firm BOART I	LONGYEAR COM		Tel: 71:	5-359	-7090
	1	101 41 10	EDGONI OTO PET C	CHOCKED WILLIAM	1476 D	- 200	5715

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater	Waste Management	MONITORING WELL CONST	
	Remediation/Redevelopment	Other	Form 4400-113A Rev. 7	1-98
Facility/Project Name	Local Grid Location of Well	ПЕ	Well Name	
BARR ENGINEERING	ft. N. Local Grid Origin (estimated:	fl. jv.	AS-14 Wis. Unique Well No. DNR Wel	II XI I
Facility License, Permit or Monitoring No.	Lat Lor	or well Location	wis. Unique well No. DNR wel	I Number
Facility ID	7		Date Well Installed	
racinty ID	St. Plane ft. N,	ft. E. S/C/N	And drawn about the control of the c	
Type of Well	Section Location of Waste/Source	□Е	Well Installed By: (Person's Name	e and Firm)
THE PERSON CONTRACTOR OF THE PERSON OF THE P	1/4 of 1/4 of Sec	, T N, R 🗆 W		c and t ana)
Well Code 62/as Distance from Waste/ Enf. Stds.	Location of Well Relative to Waste/		MAT WHITE	
Source ft. Apply	d □ Downgradient n □ N	idegradient lot Known		
A. Protective pipe, top elevation	ft. MSL	1. Cap and lock?		es ⊠ No
A. Protective pipe, top elevation B. Well casing, top elevation	3.00 ft. MSL	2. Protective cover p a. Inside diameter		in
C. Land surface elevation	e MSI -	b. Length:	0	ft
		c. Material:	Ste	el 🗆 04
D. Surface seal, bottom ft. MSL	or0.0 ft.	X 1124 24		ier 🛛 🖳
12. USCS classification of soil near screen:	Discussion.	d. Additional prote		es ⊠ No
GP□ GM□ GC□ GW□ S'	W D SP D \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	If yes, describe	: <u> </u>	<u>101-101-1</u> 0
SM SC ML MH C	∟□ СН□ ₩		Bentoni	ite ⊠ 30
Bedrock □		3. Surface seal:		ete 🗌 01
13. Sieve analysis attached?	s □No	 \	Othe	er 🗆 🔝
14. Drilling method used: Rotar	y □50	4. Material between	well casing and protective pipe:	
Hollow Stem Augo	er 🗆 <u>4 1</u>			ite 🗆 30
MINI SONIC Other	я ⊠		Oth	er 🛛 📖
0.9		5. Annular space sea	l: a. Granular/Chipped Bentoni	te ⊠ 33
In the company of the contract	ir 🗆 0 1	bLbs/gal m	ud weight Bentonite-sand slurr	ry 🗆 35
Drilling Mud □ 0 3 Non	e □99 📓	X1 -	ud weight Bentonite slura	
16. Drilling additives used? ☐ Ye	es ⊠ No	XI	ite Bentonite-cement grou	
10. Drining additives used:	3 2 140		volume added for any of the above	
Describe		f. How installed:		ie 🗆 01
17. Source of water (attach analysis, if required	1 1001 10		Tremie pumpe	
(,,		8		ty ⊠ 08
		6. Bentonite seal:		
			3/8 in. □ 1/2 in. Bentonite chip	
E. Bentonite seal, top ft. MSL	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	₩ /	" HOLEPLUG Other: Manufacturer, product name & m	
7.77	or ft.	//. Fine sand material	: Manufacturer, product name & m	iesii size
F. Fine sand, top ft. MSL	or ft.	a b. Volume added	ft³	<u> </u>
G. Filter pack, top ft. MSL	/ 1/4 //	1 /		mech cize
G. Filter pack, top it. wise.			D FLINT SAND & GRAVEL	mesii size
H. Screen joint, top ft. MSL	or 15.0 ft	b. Volume added		20020
11. Selectifolds, toptt, wist.	" —— " —— ——	9. Well casing:	Flush threaded PVC schedule 4	10 ⊠ 23
I. Well bottom ft. MSL o	ът 17.0 д	7. Well casing.	Flush threaded PVC schedule 8	
1. Well obtion	" —— " \		Othe	2012
J. Filter pack, bottom ft. MSL c	or 17.0 ft.	10. Screen material:		4 17 18 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3. I file! pack, bottom	" Viiin	a. Screen Type:		 ut ⊠ 11
K. Borehole, bottom ft, MSL c	or 18.0 ft.	u. 3010011 1, pc.	Continuous slo	
				er 🗆 🛄
L. Borehole, diameter6.0 in.		b. Manufacturer	BOART LONGYEAR	
		c. Slot size:		0.010 in.
M. O.D. well casing 2.37 in.		d. Slotted length:		2.0 ft.
amazarani (1.8) evalua persec (0)		11. Backfill material (l	pelow filter pack): Non	ne 🗌 14
N. I.D. well casing 2.06 in.		ì	NATURAL Othe	er 🛛 💹
I hereby certify that the information on this form	is true and correct to the best of my	knowledge.		
Signature	Firm BOART LONG	GYEAR COMPANY	Tel: 71	15-359-7090
Lang- Korch		ON STREET SCHOFIELD. WI 54		15-355-5715

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater ☐ Remediation/Redevelopment ☐	Waste Management ☐ Other ☐	MONITORING WELL CONS Form 4400-113A Rev.	
Facility/Project Name	Local Grid Location of Well		Well Name	
BARR ENGINEERING	. □ N	ft. E. d: or Well Location	AS-15	
Facility License, Permit or Monitoring No.	Local Grid Origin 🗵 (estimate	d:) or Well Location	AS-15 Wis. Unique Well No. DNR We	ell Number
0	Lat L	ong or		
Facility ID	St. Plane ft. N.	ft. E. S/C/N	Date Well Installed	
	Section Location of Waste/Source		03/04/2008	
Type of Well	1/4 of 1/4 of Sec	, TN, R	Well Installed By: (Person's Nar	ne and Firm)
Well Code 62/as	Location of Well Relative to Waste	e/Source Gov. Lot Number	MAT WHITE	
Distance from Waste/ Source ft. Enf. Stds. Apply	d □ Downgradient n □	Sidegradient Not Known		
A. Protective pipe, top elevation	ft. MSL	1. Cap and lock?		Yes ⊠ No
A. Protective pipe, top elevation B. Well casing, top elevation	3.00 ft. MSL	2. Protective cover p. a. Inside diameter:	W. ■. (1941) (1941)	in.
		b. Length:	el .	ft.
C. Land surface elevation		c. Material:	S	teel
D. Surface seal, bottom ft. MSL	or <u>0.0</u> ft.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		ther 🛛 💆
12. USCS classification of soil near screen:	2000000		ection?	Yes ⊠ No
GP□ GM□ GC□ GW□ S'	W D SP D \\	If yes, describe:	•	
	L CH D	3. Surface seal:	Bentoi	nite 🛛 30
Bedrock □		3. Surface seaf:		rete 🗆 01
13. Sieve analysis attached?	s □ No		Ot	ther 🗆 🕮
14. Drilling method used: Rotar	1 1	`4. Material between	well casing and protective pipe:	
Hollow Stem Aug	er [] 4 1			nite 30
MINI SONIC Other	er 🗵 🕮	<u> </u>	Ot	
15. Drilling fluid used: Water □ 0 2 A	ir 🗆 0 1		I: a. Granular/Chipped Bentor	
Drilling Mud 03 Nor	I 1880		and weight Bentonite-sand slu	
		[XX]	ud weight Bentonite slu ite Bentonite-cement gr	
16. Drilling additives used? ☐ Ye	es ⊠ No	XXI	volume added for any of the above	
67		f. How installed:	10F2	mie □ 01
Describe		×	Tremie pum	
17. Source of water (attach analysis, if required	D:		Grav	vity ⊠ 08
		6. Bentonite seal:	a. Bentonite granu	ıles 🛭 33
			3/8 in. □ 1/2 in. Bentonite ch	
E. Bentonite seal, top ft. MSL	or ft. \		" HOLEPLUG Ot	
F. Fine sand, top ft. MSL	or ft.	7. Fine sand material a	: Manufacturer, product name &	mesh size
		b. Volume added	ft ³	
G. Filter pack, top ft. MSL	or 14.0 ft.	H /	al: Manufacturer, product name & ED FLINT SAND & GRAVEL	. mesh size
H. Screen joint, top ft. MSL	or15.0 ft.	b. Volume added	ft ³	
		9. Well casing:	Flush threaded PVC schedule	40 🛭 23
I. Well bottom ft. MSL	or17.0 ft.		Flush threaded PVC schedule	80 🗆 24
				her 🗆 🝱
J. Filter pack, bottom ft. MSL	or17.0 ft.	7 () TO 10 10 10 10 10 10 10 10 10 10 10 10 10		
13	10.0	a. Screen Type:		cut 🛛 11
K. Borehole, bottom ft. MSL	or18.0 ft.		Continuous s	22,1774
60		×	BOART LONGYEAR	her 🗌 🔝
L. Borehole, diameter6.0 in.	42272	b. Manufacturer	DUART LUNUTERK	0.010 in.
227		c. Slot size: d. Slotted length:		2.0 ft.
M. O.D. well casing 2.37 in.		d. Slotted length:	helow filter pack): No	π. one □ 14
N. I.D. well casing 2.06 in.				her 🛛 🖳
N. I.D. well casing 2.06 in.				
I hereby certify that the information on this form	a is true and correct to the hest of m	v knowledge.		
Signature Signature	[T*	NGYEAR COMPANY	Tal.	715-359-7090
John Kerl.		SON STREET SCHOFIELD. WI 54		715-355-5715

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater	Waste Mar	nagement	MONITORING WEL	J. CONSTR	UCTIO	ON
Kodic To.	Remediation/Redevelopmen		lagement 🗀	Form 4400-113A	Rev. 7-9		
Facility/Project Name	Local Grid Location of Well			Well Name			1 10000
BARR ENGINEERING	ft. N. Local Grid Origin (estir	ft.	□ E. □ W.	AS	5-16		
Facility License, Permit or Monitoring No.	Local Grid Origin (estir	mated: 🗌) or W	ell Location	AS Wis. Unique Well No.	DNR Well i	Number	r
0	Lat ''	Long	or				
Facility ID	St. Plane ft. 1	N,	_ ft. E. S/C/N	Date Well Installed			
E	Section Location of Waste/Sou	urce			1/2008		
Type of Well	1/4 of1/4 of Se	rc T	NR DW	Well Installed By: (Per	rson's Name a	and Fir	m)
Well Code 62/as	Location of Well Relative to V	Vaste/Source	Gov. Lot Number	MAT '	WHITE		
Distance from Waste/ Source ft. Enf. Stds. Apply		☐ Sidegradient ☐ Not Known		BOART LON	GYEAR E&	:I	
A. Protective pipe, top elevation	ft. MSL		. Cap and lock?		☐ Yes	3 🖾 N	Vo
A. Protective pipe, top elevation B. Well casing, top elevation	3.00 ft. MSL	\square	 Protective cover p a. Inside diameter: 		-	27.	_ in
C. Land surface elevation	ft. MSL <		b. Length:		47		T 75
D. Surface seed bottom	or 0.0 e 3/6/16	1521521	c. Material:			□ 0	
D. Surface seal, bottom ft. MSL			3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Other		
12. USCS classification of soil near screen:	20000000	N. C. WEW	d. Additional prote	ection?	☐ Yes		10
	W O SP O O		If yes, describe:	9			
Bedrock		3	. Surface seal:		Bentonite	1 1/4	2000
13. Sieve analysis attached?	s ПNo				Concrete	200	1
14. Drilling method used: Rotar	\\\		Material between	well casing and protective		<u> </u>	<u></u>
Hollow Stem Auge	1 1	∜	. Material between	wen easing and protective	Bentonite	Пз	0
			Without Manager Commercial Wash	5	Other	12.5	
	er ⊠ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Annular chace seal	: a. Granular/Chipp	ed Rentonite	⊠ 3	3
15. Drilling fluid used: Water □ 0 2 A	ir 🗆 0 1			ud weight Bentonite			
Drilling Mud □ 0 3 Non	e □99			ud weight Ber			
				te Bentonite-o	10 - 51		
16. Drilling additives used? ☐ Ye	s ⊠ No	\$ B e	Ft³	olume added for any of	the above		
Describe		1	. How installed:		Tremie		
17. Source of water (attach analysis, if required	<u></u>			Tre	mie pumped		
17. Journe of Water (analysis, if required	′				Gravity		
		,6.	Bentonite seal:		nite granules		
					ntonite chips		
E. Bentonite seal, top ft. MSL o	KX KX			' HOLEPLUG			NOIL.
D D/	or ft.	7.		Manufacturer, product	name & mes	n size	680
F. Fine sand, top ft. MSL of	or ft.		b. Volume added	ft	3		1200
G. Filter pack, top ft. MSL c		3 11/1		: Manufacturer, produc		ah aiga	
G. Piler pack, top II. WISE C	" 11.)		D FLINT SAND & GR		SII SIZE	
H. Screen joint, top ft. MSL o	r 15.0 ft		b. Volume added .			_ =	Carrier Control
11. Solodi, john, top			Well casing:	Flush threaded PVC		⊠ 2.	3
I. Well bottom ft. MSL o	or 17.0 ft.		Trem submg.	Flush threaded PVC			
		10.			Other	. 1.71	12174
J. Filter pack, bottom ft. MSL c	or17.0 ft.	1 0.	Screen material: _	PVC		<u> </u>	<u>alar</u>
	7		a. Screen Type:		Factory cut	⊠ 1	1
K. Borehole, bottom ft. MSL o	r <u>18.0</u> ft.				ntinuous slot		
				TOTAL DISTRIBUTION STATES	Other		<u> </u>
L. Borehole, diameter <u>6.0</u> in.			b. Manufacturer	BOART LONGYE		0.010	
			c. Slot size:			0.010	
M. O.D. well casing 2.37 in.		\	d. Slotted length:		-	2.0	
300		3 11.	Backfill material (b	elow filter pack): ATURAL			
N. I.D. well casing 2.06 in.		9		AAAOIGID	Other		YET.
I hereby certify that the information on this form	in true and somest to the hard.	f my lenavile des					
Signature / A	I Diame		NANTZ	***************************************		2.52	
John & Rich	DOAKI	LONGYEAR COM ERSON STREET S		476	Tel: 715- Fax: 715-		

State of Wisconsin Department of Natural Resources Route To:		Wastewater		nagement	MONITORING WEL		
		n/Redevelopment	Other	.,,,,	Form 4400-113A	Rev. 7-9)8
Facility/Project Name	Local Grid Lo	ocation of Well		ПЕ	Well Name		
BARR ENGINEERING	I and Crid O	ft. ☐ N. rigin ⊠ (estimated	ft.	W.	AS Wis. Unique Well No.	5-17	Viene le co
Facility License, Permit or Monitoring No.	Local Grid Oi	rigin 🔀 (estimated	: ∐) or y	Vell Location	Wis. Unique Well No.	DNK Well r	Number
Facility ID	7				Date Well Installed	l	
Facility ID	St. Plane	ft. N,		_ ft. E. S/C/N	and a construction of		
Type of Well	Section Locat	ion of Waste/Source		□Е	Well Installed By: (Per	1/2008	and Elem
AND THE PROPERTY OF THE PARTY O	1/4 of	1/4 of Sec	, T	_N, R□₩			and raini)
Well Code 62/as Distance from Waste/ Enf. Stds.	Location of W	Vell Relative to Waste/	Source	Gov. Lot Number	MAT Y	WHITE	
Source ft. Apply		ngradient n 🗆 N			BOART LON		
A. Protective pipe, top elevation	ft. MSI	,	1	Cap and lock?		☐ Yes	s 🛭 No
	3.00 ft. MSI	, 	1	 Protective cover p a. Inside diameter: 	0 3 /10/00		tu.
See the see of the see				b. Length:		2 	in
C. Land surface elevation	ft. MSI		1	c. Material:		Steel	
D. Surface seal, bottom ft. MSL	or0.0	ft. 777	16 OK OK	c. Material.		Other	- 134 A 1474
12. USCS classification of soil near screen:			Acoustic	d. Additional prote	ection?		s 🖾 No
Section with the section of the sect	W□ SP□		X	If yes, describe:			1 111 101
	CH 🗆					Bentonite	⊠ 30
Bedrock □			∅ \ ``3	3. Surface seal:		Concrete	□ 01
13. Sieve analysis attached? ☐ Ye	es 🗆 No		X		Warra work Associated	Other	P. (1944)
14. Drilling method used: Rotar	y 🗆 5 0		⊗ \4	. Material between	well casing and protectiv	e pipe:	
Hollow Stem Auge	er 🗆 4 1					Bentonite	□ 30
MINI SONIC Other	er 🛛 🔛		8			Other	
		ft.	₩ 5	. Annular space seal	l: a. Granular/Chippe	ed Bentonite	⊠ 33
	ir 🗆 0 1		XXI		ud weight Bentonite		
Drilling Mud □ 0 3 Non	.e □99		8	cLbs/gal m	ud weight Ber	ntonite slurry	□ 31
17 Danis - 1414 19	a Na		8	d% Benton	ite Bentonite-c	cement grout	□ 50
16. Drilling additives used? ☐ Ye	s 🛮 No		8	eFt³ ,	volume added for any of	the above	
Describe			8	f. How installed:			□ 01
17. Source of water (attach analysis, if required).				Tre	mie pumped	
Tr. Source of Water (and of thirty bis, 11 required	<i>'</i> -					Gravity	
		J	,6	. Bentonite seal:		nite granules	
						ntonite chips	arrest made
E. Bentonite seal, top ft. MSL	or	NO NO	1 / 7	·	Manufacturer, product	Other	
F. Fine sand, top ft. MSL	or.	ft.		. Fine Sand material	. ivianuiacturer, product	name & mes	in size
1. The said, top	,,	··· \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		b. Volume added	ft ²	3	
G. Filter pack, top ft. MSL of	or14.0_		1/ 8		l: Manufacturer, produc	t name & me	sh size
• •		\sim \square	7 /	a. #40 RE	D FLINT SAND & GRA	AVEL	5.07% -1.00% -1.00%
H. Screen joint, top ft. MSL of	or15.0	ft.	+ /	b. Volume added	ft ³	Į.	
		十日	9	. Well casing:	Flush threaded PVC	schedule 40	⊠ 23
I. Well bottom ft. MSL o	or17.0	ft			Flush threaded PVC	schedule 80	□ 24
	that agricult	\	_			Other	
J. Filter pack, bottom ft. MSL of	or <u>17.0</u>	ft.	10	. Screen material: _	PVC		7.27
	100	VIIII	7	a. Screen Type:		Factory cut	
K. Borehole, bottom ft. MSL o	or 18.0	ft			Cor	ntinuous slot	1000
					DOADT LONOVE		
L. Borehole, diameter6.0 in.		VIIIII		b. Manufacturer .	BOART LONGYE		0.010
2.25				c. Slot size:		9	0.010 in.
M. O.D. well casing $\frac{2.37}{}$ in.			\	d. Slotted length:	1 (1)		2.0 ft.
200			11.	. Backfill material (b	elow filter pack): IATURAL		
N. I.D. well casing				11	ILLOIGID	Other	
The decided of the second of t	is tops and	want to the best of	less and a les				
I hereby certify that the information on this form Signature		Ciem					
John & Kent		BUARTLUNG		PANY	176	Tel: 715-	359-7090

State of Wisconsin Department of Natural Resources Route To:	Watershed/Waste	avoter \square	Waste Manage	ament [MONITORING WELL CONSTR	UCT	YON
Route 10.	Remediation/Red		Other		Form 4400-113A Rev. 7-9		XOI
Facility/Project Name	Local Grid Locatio	n of Well		Б	Well Name		
BARR ENGINEERING	f	t. \square N. \square S. \square (estimated: [ft. 💆	W.	AS-18 Wis. Unique Well No. DNR Well N		
Facility License, Permit or Monitoring No.	Local Grid Origin	(estimated: [or Well	Location	Wis. Unique Well No. DNR Well N	Vumb	oer
0	Lat.	Long		or	Date Well Installed		
Facility ID	St. Plane	ft. N,	ft	E. S/C/N			
Type of Well	Section Location of	f Waste/Source		□Е	03/05/2008 Well Installed By: (Person's Name a	and F	irm)
	1/4 of	_ 1/4 of Sec	_, T N,	R 🛱 👿		ulu I	иш)
Well Code 62/as Distance from Waste/ Enf. Stds.		telative to Waste/So		v. Lot Number	MAT WHITE		
Source ft. Apply	u □ Upgradien d □ Downgrad	t s□Side ient n□Not			BOART LONGYEAR E&	1	
A. Protective pipe, top elevation	ft. MSL			ap and lock?	☐ Yes	; 🛛	No
	3.00 ft. MSL -		2. Pr	rotective cover pi Inside diameter:			in.
C. Land surface elevation	A MCI			Length:			ft.
		170		Material:	Steel		2000
D. Surface seal, bottom ft. MSL	or ft.		11 21 21 14 24 24		Other	\boxtimes	200 E
12. USCS classification of soil near screen:	3	0)201201	· Acoicoic d.	Additional prote	ction? Yes	\boxtimes	
	W□ SP□	<u> </u>		If yes, describe:		-	
SM SC ML MH CI Bedrock D	CHO		3. 51	urface seal:	Bentonite		
	a DNa		\		Concrete		
13. Sieve analysis attached?			\		Other		1411
	y □50		4. M	laterial between w	vell casing and protective pipe:		2.0
Hollow Stem Auge MINI SONIC Othe	er 🗆 4 t				Bentonite Other		30
Vin Vi Borize Othe							
15. Drilling fluid used: Water □ 0 2 A	ir 🗆 0 1			nnular space seal:	a. Granular/Chipped Bentonite and weight Bentonite-sand slurry		
Drilling Mud □ 0.3 Non	NOT SEEL IN THE				id weight Bentonite-sand sturry Bentonite slurry		
TO AND TO A STATE OF THE STATE	der avi			% Bentonit			
16. Drilling additives used? ☐ Ye	s ⊠ No				olume added for any of the above	_	50
			f.	How installed:	Tremie		0.1
Describe					Tremie pumped		02
17. Source of water (attach analysis, if required):				Gravity	\boxtimes	0 8
			6. Be	entonite seal:	a. Bentonite granules		33
					/8 in. □ 1/2 in. Bentonite chips		5 - C
E. Bentonite seal, top ft. MSL o	or ft. <		/		Other		
			/7. Fi	ne sand material:	Manufacturer, product name & mes	h size	e same
F. Fine sand, top ft. MSL o	or ft. \		/ a		- 3	_	
severe to a second	140 -	/ I/I I//	/	Volume added _			
G. Filter pack, top ft. MSL o	or14.0 ft. \	/ 相 卧	/ 8. F1		: Manufacturer, product name & me		
II Committee A MCI	150 A		/ a		O FLINT SAND & GRAVEL	_	
H. Screen joint, top ft. MSL o	or r. ~		/	Volume added _			2.2
I. Well bottom ft. MSL c	17.0 ft.		9. W	ell casing:	Flush threaded PVC schedule 40 Flush threaded PVC schedule 80		
i. Well bottom)1 1. \	\ 圓			Other		24
J. Filter pack, bottom ft. MSL c	or 18.0 ft ~		10 80	reen material: _			4.00
The party of the p	SE	777777		Screen Type:	Factory cut		
K. Borehole, bottom ft. MSL c	or 18.0 ft. s				Continuous slot		
			7 4444		Other		20.2
L. Borehole, diameter6.0 in.		VIIIIX	b .	Manufacturer _	BOART LONGYEAR		
The second of th				Slot size:		0.010	<u>)</u> in.
M. O.D. well casing 2.37 in.			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Slotted length:	,	2.0	<u>)</u> ft.
ett Abber			`11. Ba		elow filter pack): None		200
N. I.D. well casing 2.06 in.			-		SAND Other	\boxtimes .	
I hereby certify that the information on this form		to the best of my kn	nowledge.		MINICAL DE LA CONTRACTION DE L		
Signature	Firm	BOART LONGY	YEAR COMPA	NY	Tel: 715-	359-	7090

Facility/Project Name	State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater	Waste Management		TRUCTION
BARR ENGINGERING Facility Licease, Fermit or Monitoring No. Local Grid Origin October			Other 🗌		7-98
Specially D St. Plane	Facility/Project Name	Local Grid Location of Well	Пр	Well Name	30000
Specially D St. Plane		ft. 🖸 S. —	ft. 🗖 W.	AS-19	
Facility ID	Facility License, Permit or Monitoring No.	Local Grid Origin (estimate	ed: 🗌) or Well Location	on Wis. Unique Well No. DNR W	ell Number
Type of Well	O	Lat " " I	ong		
14 of	Facility ID	St Plane ft N	4 A	S/C/N Date Well Installed	£2
14 of		Section Location of Waste/Source	It. L.	03/05/2008	
Destance from Wester Earl. Stoks Degrademt Secret	Type of Well			TE Well Installed By: (Person's Nat	ne and Firm)
Distance from Wanter Lar Stds. Destination with relative to water Sidegradient Sold Destination Sold	Well Code 62/as	1/4 of1/4 of Sec	, TN, R	MAT WHITE	
A Protective pipe, top elevation	Distance from Waste/ Enf. Stds.	Location of Well Relative to Wast	e/Source Gov. Lot l	Number Will Will E	
C. Land surface elevation	Source ft. Apply	d □ Downgradient n □	Not Known	BOART LONGYEAR	E&I
C. Land surface elevation	A. Protective pipe, top elevation	ft. MSL	1. Cap and		Yes ⊠ No
C. Land surface elevation	6 W W	3.00	2. Protectiv	e cover pipe:	
D. Surface seal, bottom	B. Weil casing, top elevation	3.00 H. MSL -	a. Inside	diameter:	in
D. Surface seal, bottom fi. MSL or 0.0 ft.	C. Land surface elevation	ft. MSL <	b. Length	r:	ft
12. USCS classification of soil near screen: GP			c. Materi	al: Si	eel 🗆 04
If yes, describe:	D. Surface seal, bottom ft. MSL	orft.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ot	her 🛛 🖳
SM SC ML MH CL CH Bedrock Concrete 0.1	12. USCS classification of soil near screen:	202012	d. Addition	onal protection?	Yes 🛛 No
Bedrock	GP□ GM□ GC□ GW□ S'	W □ SP □ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	If yes,	describe:	
Surface seal: Concrete 01		CHO W		Bentor	nite ⊠ 30
13. Sieve analysis attachede?	Bedrock □		3. Surface s	eal:	1.000000 8000 00
14. Drilling method used: Rotrary 3 0 Hollow Stem Auger 4 1 Bentonite 3 0 Other 2	13. Sieve analysis attached?	s □No	₩ \		1 110 00
Bentonite 3 0 Other 3	14 Drilling method used: Rotar	v 🗆 5 0	4. Material	between well casing and protective nine:	_
MINI SONIC		1 1			ite 🗆 30
15. Drilling fluid used: Water 0 2 Air 0 1 Drilling Mud 0 3 None 0 9 9 16. Drilling additives used? Yes No Describe	THE PARTY OF THE P	100110			1/13 \$50
15. Drilling fluid used: Water 0.2 Air 0.1 Drilling Mud 0.3 None 0.9 9 16. Drilling additives used? 17. Source of water (attach analysis, if required): 17. Source of water (attach analysis, if required): 18. Source of water (attach analys					
Drilling Mud	15 Drilling fluid used: Water 10.2 A	ir 🗆 0 1	NA.	=	
16. Drilling additives used?		1 800			
Pescribe	Similar Last 1100		KX1		
Describe 17. Source of water (attach analysis, if required): Describe	16. Drilling additives used? ☐ Ye	s ⊠No	N		
Describe			CCC4		
17. Source of water (attach analysis, if required): Gravity © 08	Describe		f. How		
E. Bentonite seal, top ft. MSL or ft. F. Fine sand, top ft. MSL or ft. G. Filter pack, top ft. MSL or 14.0 ft. H. Screen joint, top ft. MSL or 15.0 ft. J. Filter pack, bottom ft. MSL or 17.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. J. Filter pack diameter 6.0 in. J. Borehole, diameter 6.0 in. J. Borehole, diameter 6.0 in. J. H. D. well casing 2.37 in. J. Filter pack diameter 6.0 in. J. Filter pack material: Manufacturer, product name & mesh size a. J. Filter pack material: Manufacturer, product name & mesh size a. J. Volume added 7.2 J. Filter pack material: Manufacturer, product name & mesh size a. J. Volume added 7.2 J. Filter pack material: Manufacturer, product name & mesh size a. J. Volume added 7.2 J. Filter pack material: Manufacturer, product name & mesh size a. J. Volume added 7.2 J. Filter pack material: Manufacturer, product name & mesh size a. J. Volume added 7.2 J. Filter pack material: Manufacturer, product name & mesh size a. J. Volume added 7.2 J. Filter pack material: Manufacturer, product name & mesh size a. J. Volume added 7.2 J. Filter pack material: Manufacturer, product nam		1001			
E. Bentonite seal, top ft. MSL or ft. F. Fine sand, top ft. MSL or ft. G. Filter pack, top ft. MSL or 14.0 ft. H. Screen joint, top ft. MSL or 15.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. J. Filter pack bottom ft. MSL or 18.0 ft. J. Filter pack bottom ft. MSL or 18.0 ft. J. Filter pack bottom ft. MSL or 18.0 ft. J. Filter pack bottom ft. MSL or 18.0 ft. J. Filter pack bottom ft. MSL or 18.0 ft. J. Filter pack bottom ft. MSL or 18.0 ft. J. Filter pack bottom ft. MSL or 18.0 ft. J. Filter pack bottom ft. MSL or 18.0 ft. J. Filter pack bottom ft. MSL or 18.0 ft. J. Filter pack bottom ft. MSL or 18.0 ft. J. Filter pack bottom ft. MSL or 18.0 ft. J. Filter pack bottom ft. MSL or 18.0 ft. J. Filter pack material: Manufacturer, product name & mesh size a b. Volume added ft? 9. Well casing: Flush threaded PVC schedule 40 ≤ 23 Flush	, , , , ,				
E. Bentonite seal, top ft. MSL or ft. F. Fine sand, top ft. MSL or ft. G. Filter pack, top ft. MSL or 14.0 ft. H. Screen joint, top ft. MSL or 15.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. J. Borehole, diameter 6.0 in. J. Borehole, diameter 6.0 in. J. Hereby certify that the information on this form is true and correct to the best of my knowledge. J. Firm BOART LONGYEAR COMPANY Tel: 715-359-7090			KXXI /	8	
F. Fine sand, top ft. MSL or					
F. Fine sand, top ft. MSL or ft. Msnraded PVC schedule 40 g. Well casing: flush threaded PVC schedule 40 ft. Msnraded PVC schedule 40 g. Well casing: flush threaded PVC schedule 40 g. Well casing: f	E. Bentonite seal, top ft. MSL	LXXI		Oth	ier 🗆 🕮
G. Filter pack, top ft. MSL or ft. Well casing: flush threaded PVC schedule 40			7. Fine sand	material: Manufacturer, product name & 1	nesh size
G. Filter pack, top ft. MSL or ft. Well casing: flush threaded PVC schedule 40	F. Fine sand, top ft. MSL	or ft. \	∅ / / a	and the second s	100 5 A 45 1
H. Screen joint, top ft. MSL or 15.0 ft. Well bottom ft. MSL or 17.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. J. Filter pack, bottom ft. MSL or 18.0 ft. Borehole, bottom ft. MSL or 18.0 ft. L. Borehole, diameter 6.0 in. M. O.D. well casing 2.37 in. I. Well casing 2.06 in. S. Thick pack heather in the factory in the strue and correct to the best of my knowledge. Signature Firm BOART LONGYEAR COMPANY Tel: 715-359-7090			b. Volum	e added ft ³	
H. Screen joint, top ft. MSL or 15.0 ft. b. Volume added ft. d. Screen joint, top ft. MSL or 17.0 ft. ft. mSL or 17.0 ft. ft. mSL or 18.0 ft. mSL or 19.0 ft.	G. Filter pack, top ft. MSL of	or14.0 ft.	8. Filter pacl	k material: Manufacturer, product name &	mesh size
I. Well bottom ft. MSL or 17.0 ft. 9. Well casing: Flush threaded PVC schedule 40			/ a	#40 RED FLINT SAND & GRAVEL	
I. Well bottom ft. MSL or 17.0 ft.	H. Screen joint, top ft. MSL of	or15.0 ft.	b. Volume	e added ft ³	
I. Well bottom ft. MSL or 17.0 ft.			9. Well casir	g: Flush threaded PVC schedule	40 ⊠ 23
J. Filter pack, bottom ft. MSL or 18.0 ft. Screen material: PVC	I. Well bottom ft. MSL o	or17.0_ ft. \ \	1		
A. Screen Type: Factory cut In the street of the structure of the struc					2762
A. Screen Type: Factory cut In the street of the structure of the struc	I Filter pack bottom ft MSL of	r 18.0 ft	10 Screen ms		
K. Borehole, bottom	3. The pack, conton		\$46#	aoriar.	
L. Borehole, diameter 6.0 in. b. Manufacturer BOART LONGYEAR c. Slot size: d. Slotted length: 11. Backfill material (below filter pack): SAND Other □ 14 Other □ 15 None □ 14 Other □ 16 None □ 14 Other □ 17 None □ 14 Other □ 18 None □ 14 Other □ 19 None □ 14 Other □ 10 None □ 14 Other □ 11 None □ 14 Other □ 11 None □ 14 Other □ 12 Other □ 13 None □ 14 Other □ 14 Other □ 15 None □ 14 Other □ 16 None □ 14 Other □ 17 None □ 14 Other □ 18 None □ 14 Other □ 19 None □ 14 Other □ 10 None □ 14 Other □ 10 None □ 14 Other □ 11 None □ 14 Other □ 12 Other □ 13 None □ 14 Other □ 14 Other □ 15 None □ 14 Other □ 16 None □ 14 Other □ 17 None □ 14 Other □ 18 None □ 14 Other □ 19 None □ 14 Other □ 10 None □ 14 Other □ 10 None □ 14 Other □ 10 None □ 14 Other □ 11 None □ 14 Other □ 12 None □ 14 Other □ 13 None □ 14 Other □ 14 Other □ 15 None □ 14 Other □ 16 None □ 14 Other □ 17 None □ 14 Other □ 18 None □ 14 Other □ 19 None □ 14 Other □ 10 None □ 14 None □ 14 Other □ 10 None □ 14 Other □ 10 None □ 14 Other □ 10 None □ 14 None □	K Rozehole bottom # # MSI (nr 18.0 ft	a. Beleen	5 T. C.	
L. Borehole, diameter 6.0 in. b. Manufacturer BOART LONGYEAR c. Slot size: 0.010 in. d. Slotted length: 2.00 ft. N. I.D. well casing 2.06 in. I hereby certify that the information on this form is true and correct to the best of my knowledge. Firm BOART LONGYEAR COMPANY Tel: 715-359-7090	R. Borellote, bottom	1			******
M. O.D. well casing 2.37 in. C. Slot size: d. Slotted length: 11. Backfill material (below filter pack): SAND Other □ 14 Other □ 14 Other □ 15-359-7090	L D L L L L L L L L L L L L L L L L L L		∑ h Ma€		er 🗆 🎞
M. O.D. well casing 2.37 in. d. Slotted length: 2.0 ft. N. I.D. well casing 2.06 in. I hereby certify that the information on this form is true and correct to the best of my knowledge. Signature Firm BOART LONGYEAR COMPANY Tel: 715-359-7090	L. Borenoie, diameterin.			30000	0.010
N. I.D. well casing 2.06 in. 11. Backfill material (below filter pack): SAND None □ 14 Other ☑ 2.2 I hereby certify that the information on this form is true and correct to the best of my knowledge. Firm BOART LONGYEAR COMPANY Tel: 715-359-7090	227		Y		
N. I.D. well casing 2.06 in. SAND Other ☑ 32 I hereby certify that the information on this form is true and correct to the best of my knowledge. Signature Firm BOART LONGYEAR COMPANY Tel: 715-359-7090	M. O.D. well casingin.		1	1.77	
I hereby certify that the information on this form is true and correct to the best of my knowledge. Signature Firm BOART LONGYEAR COMPANY Tel: 715-359-7090	200		11. Backfill m	CANTO	
Signature BOART LONGYEAR COMPANY Tel: 715-359-7090	N. I.D. well casing 2.06 in.		-	Oth	er ⊠ ⊡⊡
Signature BOART LONGYEAR COMPANY Tel: 715-359-7090				and the second s	
BOART LONGTEAR COMPANY			y knowledge.		
	Signature John Real.	DOAK! LOI			15-359-7090

State of Wisconsin Department of Natural Resources Route To:	Watershed/	Wastewater		Waste Ma	nagement	MONITORING WEL	L CONSTR	UCTION
		n/Redevelopr		Other \square		Form 4400-113A	Rev. 7-9	98
Facility/Project Name	Local Grid Lo	ocation of We	ell		G.P.	Well Name		
BARR ENGINEERING		ft. 🗆 S.		ft.	□ E. □ W.	AS	-20	
Facility License, Permit or Monitoring No.	Local Grid O	rigin 🖂 (e	estimated: [) or V	Well Location or	AS Wis. Unique Well No.	DNR Well	Number
Facility ID	1					Date Well Installed		
Facility ID	St. Plane		ft. N,		_ ft. E. S/C/N			
	Section Locat	tion of Waste	/Source		G.P.	03/05	5/2008	
Type of Well	1/4 of	1/4 o	f Sec	Т	N, R W	Well Installed By: (Per	rson's Name	and Firm)
Well Code 62/as	Location of V	Vell Relative	to Waste/So	urce	Gov. Lot Number	MAT	WHITE	
Distance from Waste/ Source Enf. Stds. Apply	u 🗆 Upgr	adient	s □ Side	gradient Known	2 1 4	DOIDTION	JGYEAR E&	I3
A. Protective pipe, top elevation	ft. MSI	J	_++		Cap and lock? Protective cover p	MI. M. M. A. J. M.	☐ Ye:	s 🛛 No
				8/2	2. Protective cover p	ipe:		
B. Well casing, top elevation	3.00 ft. MSI				a. Inside diameter:		-	in
C. Land surface elevation	ft. MSI	. ~			b. Length:		5 <u>-2</u>	ft
				* Portrowite	c. Material:		Steel	□ 04
D. Surface seal, bottom ft. MSL	or0.0	ft.		1.21.21	84			2,120000
12. USCS classification of soil near screen:	199450	0120160		Train our	d. Additional prote	ection?		s ⊠ No
	W□ SP□		XII IX					
	L CH C			//	924 (2		Bentonite	
Bedrock □				\ \3	3. Surface seal:		Concrete	
13. Sieve analysis attached?	s II No					16. 28		
		1						
14. Drilling method used: Rotar	-	1		4	i. Material between i	well casing and protective		
Hollow Stem Auge		1					Bentonite	-5"45-549
MINI SONIC Other	er 🛛 🔛						Other	
			- ₩	5	5. Annular space seal	l: a. Granular/Chippe	ed Bentonite	⊠ 33
15. Drilling fluid used: Water □ 0 2 A	ir 🗆 0 1					ud weight Bentonite		
Drilling Mud □ 0 3 Non	e □99					ud weight Ber		
						ite Bentonite-c		
16. Drilling additives used? ☐ Ye	s 🛮 No				e Ft ³ y	volume added for any of	the above	
					f. How installed:			□ 01
Describe					i. How instance.		mie pumped	s transit pay as
17. Source of water (attach analysis, if required):					110		□ 02 □ 08
4 50 50 50				ز				
100				6			nite granules	
						/8 in. □ 1/2 in. Ber		A 5 (A)
E. Bentonite seal, top ft. MSL	or	ft.		/	c		Other	
				/ /7	. Fine sand material:	Manufacturer, product	name & mes	
F. Fine sand, top ft. MSL	or	ft.			a			2.7.1.5.
			$\forall \forall $	/	b. Volume added .	ft ³	\$	
G. Filter pack, top ft. MSL	or12.5	ft.		/ 8	. Filter pack materia	l: Manufacturer, produc	t name & me	esh size
9 NO 8 F					a #40 RE	D FLINT SAND & GR	AVEL	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
H. Screen joint, top ft. MSL	or 14.5	ft	A = A		b. Volume added .	ft ²	3	
Ti. Octobrijom, top	7.		41-11,	/ ,	. Well casing:	Flush threaded PVC		□ 23
I. Well bottom ft. MSL o	or16.5	A .		2	. Well cashig.	Flush threaded PVC		
t. Well bottom	n	11.				Flush inteaded FVC		151612
	170			\	×	DVC	Other	
J. Filter pack, bottom ft. MSL	or <u>17.0</u>	ft.		10	. Screen material: _	PVC		
			111111		a. Screen Type:		Factory cut	
K. Borehole, bottom ft. MSL of	or17.0	ft. <				Cor	ntinuous slot	\square 01

L. Borehole, diameter6.0 in.			VIIIIX		b. Manufacturer	BOART LONGYE		
					c. Slot size:			0.010 in.
M. O.D. well casing 2.37 in.					d. Slotted length:		_	2.0 ft.
and the same of th				11.	. Backfill material (b	elow filter pack):	None	□ 14
N. I.D. well casing 2.06 in.						SAND		
N. I.D. well casing <u>2.06</u> in.					16 Pr			
I househousediff, the shall inform the first	in two and	mmot 45 th - 1	ant of man 1.	oudede-				
I hereby certify that the information on this form		Linn						
John Kind.		BUA	RT LONGY				Tel: 715-	
// 4		101 A	LUERSON	STREETS	SCHOFIELD, WI 54	476	Fax: 715-	355-5715

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater	☐ Waste Ma	magement	MONITORING WEL	L CONSTR	UCTION
-	Remediation/Redevelopme	ent 🗆 Other 🗀		Form 4400-113A	Rev. 7-9	8
Facility/Project Name	Local Grid Location of Well			Well Name		
BARR ENGINEERING	ft. □ N. Local Grid Origin ⊠ (est	ft.	_ 🖯 🛱 v	AS	5-21	
Facility License, Permit or Monitoring No.	Local Grid Origin (est	timated: 🗌) or V	Well Location	Wis. Unique Well No.	DNR Well N	Jumber
0	Lat	Long	or			
Facility ID	St. Plane ft	. N	_ ft. E. S/C/N	Date Well Installed		
	Section Location of Waste/S			03/05	5/2008	
Type of Well	1/4 of 1/4 of S	Год Т	N P DW	Well Installed By: (Per	rson's Name a	and Firm)
Well Code 62/as	Location of Well Relative to		Gov. Lot Number	MAT	WHITE	
Distance from Waste/ Source ft. Enf. Stds. Apply		s Sidegradient	Gov. Edi. validor	BOART LON	IGYEAR E&	:I
A. Protective pipe, top elevation	ft. MSL	Transport of the Parket of the	 Cap and lock? 		☐ Yes	s ⊠ No
	3.00 ft. MSL	THE STATE OF THE S	Protective cover p a. Inside diameter:			in.
C. Land surface elevation	ft. MSL <		b. Length:		***	ft.
	0.0 0 2020	A TOWNS OF	c. Material:		Steel	□ 04
D. Surface seal, bottom ft. MSL	or it.				Other	
12. USCS classification of soil near screen:	- Sylvey Colle	: AKOKOK	 d. Additional prote 			s ⊠ No
	W 🗆 SP 🗆 🔪	111 11/	If yes, describe:	: 		-
	L CH CH C	# % / /	3. Surface seal:		Bentonite	⊠ 30
Bedrock □					Concrete	
13. Sieve analysis attached?	s ∐No					200000
	y □50	₩ ₩ `'-	 Material between v 	well casing and protective		
Hollow Stem Aug					Bentonite	197.81
MINI SONIC Other	er 🛛 🗎				Other	
_		Ø ⊘	5. Annular space seal	I: a. Granular/Chippe	ed Bentonite	⊠ 33
The property of the contract o	ir 🗆 0 1		bLbs/gal m	ud weight Bentonite	e-sand slurry	□ 35
Drilling Mud □ 0 3 Nor	е 🗆 9 9	IXXI IXXI		ud weight Ber		
16. Drilling additives used?	AS NO			ite Bentonite-c		□ 50
16. Drining additives used?	5 🖾 110		eFt ³	volume added for any of	the above	
Describe			f. How installed:			\square 01
17. Source of water (attach analysis, if required)·			Tre	mie pumped	
17. Source of water (attach attays)s, it requires)-				Gravity	
		Ø Ø ,6	6. Bentonite seal:		nite granules	
					ntonite chips	
E. Bentonite seal, top ft. MSL	or ft. \			-		
		$\otimes \otimes / /^{7}$	7. Fine sand material:	: Manufacturer, product	name & mes	h size
F. Fine sand, top ft. MSL	or ft. \		a,	ft ³	3	Park Brook S
	120	M M	b. Volume added			2 5
G. Filter pack, top ft. MSL	or13.0 ft.		(3)	il: Manufacturer, produc		sh size
	140 0			D FLINT SAND & GRA		
H. Screen joint, top ft. MSL)r14.0 ft.		b. Volume added			
	160 0). Well casing:	Flush threaded PVC		
I. Well bottom ft. MSL	or <u>16.0</u> ft.			Flush threaded PVC		120000
2 2 7 7 7	170 0			PVC	Other	
J. Filter pack, bottom ft. MSL	or n.	710). Screen material: _		ъ.	
2 1/5	170 0		a. Screen Type:		Factory cut	
K. Borehole, bottom ft. MSL)r17.0 ft.			Cor	ntinuous slot	
60			1 1/ 6 .	BOART LONGYE		
L. Borehole, diameter6.0 in.			b. Manufacturer	BOME BONGIL	*************	0.010 in.
1100 W . 227 .			c. Slot size:		-	2.0 ft.
M. O.D. well casing 2.37 in.		\ ,,	d. Slotted length:	nalovy filtan maak)	Mana	n. □ 14
200		- 11	. Backfill material (b	SAND		2007/01
N. I.D. well casing 2.06 in.			X 1877	~. ~. ~	Other	⊠
		4 - 6 - 1 1 1		A CONTRACT OF THE CONTRACT OF		
I hereby certify that the information on this form	IT:				SACKED AND AND AND AND AND AND AND AND AND AN	
Signature John Flire.	BUAR	T LONGYEAR COM DERSON STREET :		4476	Tel: 715- Fax: 715-	·359-7090 ·355-5715
	101/11		~~~~~ ********************************	v	4 44/4 113	VIIJ

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater	Waste Management	MONITORING WEL Form 4400-113A	L CONSTRUCTION Rev. 7-98
Facility/Project Name	Remediation/Redevelopment Local Grid Location of Well	Other	Well Name	Kev. 1-90
BARR ENGINEERING	Doesn's He Escation of Wen	a □ E.	A C	22
Facility License, Permit or Monitoring No.	ft. N. Local Grid Origin (estimated:) or Well Location	Wis. Unique Well No.	DNR Weil Number
Facility ID	Lat Lon		Date Well Installed	
the control of the co	St. Plane ft. N, Section Location of Waste/Source		2000 1000 2000 2000 2000 2000 2000 2000	5/2008
Type of Well	7	□E	Well Installed By: (Per	
Well Code 62/as	1/4 of 1/4 of Sec	, T N, R 🗆 W		WHITE
Distance from Waste/ Enf. Stds. Apply ft.		degradient	DO LOTI ON	VGYEAR E&I
			201.111.2011	☐ Yes ⊠ No
	2.00 ft. MSL	Cap and lock? Protective cover p		
8 8		a. Inside diameter b. Length:		in
	ft. MSL	c. Material:		Steel
D. Surface seal, bottom ft. MSL	or <u>0.0</u> ft.	162624 162624 		
12. USCS classification of soil near screen:	2000000	d. Additional prote	ection?	☐ Yes ☒ No
	W D SP D	If yes, describe		
SM SC ML MH C	LO CHO	3. Surface seal:		Bentonite 🗵 3 0
13. Sieve analysis attached?	≥s □No			Concrete 0 1
14. Drilling method used: Rotar	ry □50	4. Material between	well casing and protective	
Hollow Stem Aug	- I XXI XX		9	Bentonite □ 30
MINI SONIC Other	er 🛛 🖺			Other 🛛 🛄
15 7 11 - 1 11 -			l: a. Granular/Chippe	
15. Drilling fluid used: Water □ 0 2 A Drilling Mud □ 0 3 Nor	ir 🗆 0 1		ud weight Bentonite	
Drining Mad 2005 (Not			ud weight Ben	
16. Drilling additives used? ☐ Ye	es ⊠ No	d% Benton	volume added for any of	cement grout
		f. How installed:	170	Tremie 0 1
Describe	1 100	The state of the s		mie pumped 0 2
17. Source of water (attach analysis, if required	ı):			Gravity ⊠ 08
		6. Bentonite seal:	a. Bentor	nite granules 3 3
<u> </u>		,	/8 in. □ 1/2 in. Ben	ntonite chips 🛭 32
E. Bentonite seal, top ft. MSL	▼ № №	1	Manufacturer, product	Other □ □
F. Fine sand, top ft. MSL	or ft.	/ a		1000
		, or toland models		
G. Filter pack, top ft. MSL o	or12.0 ft.	/	l: Manufacturer, product D FLINT SAND & GRA	
H. Screen joint, top ft. MSL e	or13.0 ft.	b. Volume added		
		9. Well casing:	Flush threaded PVC:	
I. Well bottom ft. MSL o	or15.0 ft.		Flush threaded PVC:	1785 Pa 27850 107550150
J. Filter pack, bottom ft. MSL o	or 15.0 ft.	10. Screen material: _	PVC	Other 🔲 🔛
	^	a. Screen Type:		Factory cut 🗵 11
K. Borehele, bottom ft. MSL c	or15.0 ft	55.856 N 250659435529973 M ■ 44 ■ 9554444		tinuous slot 🛭 0 1
		And the second s	DOADT LONGVE	Other 🗆 🝱
L. Borehole, diameter 6.0 in.	Variation .	b. Manufacturer . c. Slot size:	BOART LONGYEA	
M. O.D. well casing 2.37 in.		d. Slotted length:		
in. O.D. wen casing		11. Backfill material (b	elow filter pack):	None ⊠ 14
N. I.D. well casing 2.06 in.				Other 🗆 🚟
I hereby certify that the information on this form	is two and somest to the heat of 1-	naviladas		
Signature Signature	[E:			
John Kil	BOAKI LONG	YEAR COMPANY N STREET SCHOFIELD, WI 54	476	Tel: 715-359-7090 Fax: 715-355-5715

Attachment: Monitoring Well Construction Forms

State of Wisconsin			
Department of Natural Resources Route To:	Watershed/Wastewater	Waste Management	MONITORING WELL CONSTRUCTION
	Remediation/Redevelopment	Other	Form 4400-113A Rev. 7-98
Facility/Project Name	Local Grid Location of Well		Well Name
F 1/1 - 0'	ft. □ N. S Local Grid Origin ☑ (estimated:	_ □ E.	MW-12
Enbridge Site Facility License, Permit or Monitoring No.	Local Crid Origin M (actimated)	U V V V V V V V V V V V V V V V V V V V	Wis. Unique Well No. DNR Well Number
racinty License, remit of Montoring No.	Local Grid Origin 🔯 (estimated:) or well Location [wis. Unique well No. DNR Well Number
0	Lat Lor	ng or	
Facility ID	St. Plane ft. N,	A E S/C/N	Date Well Installed
	Section Location of Waste/Source	ILE. STOTA	07/24/2007
Type of Well	section Location of WasterSource	□E	Well Installed By: (Person's Name and Firm)
The service of the se	1/4 of 1/4 of Sec	, TN, R 🗒 W	
Well Code 11/mw Distance from Waste/ Enf. Stds.	Location of Well Relative to Waste/S	Source Gov. Lot Number	Mat White
Course		degradient	
ft. Appry	d □ Downgradient n □ No	ot Known	Boart Longyear MWhite
A. Protective pipe, top elevation	ft. MSL	1. Cap and lock?	
		2. Protective cover p	ipe:
B. Well casing, top elevation	2.00 ft. MSL	a. Inside diameter:	
C. Land surface elevation	ft. MSL <	b. Length:	7.0
C. Land surface elevation	_ IL MSL	c. Material:	Steel ⊠ 0.4
D. Surface seal, bottom ft. MSL of	or0.0 ftft.	क्रियाच्या C. Material.	* 1998
		d Additional prote	Other 🗆 🚉
12. USCS classification of soil near screen:		V / an i i i i i i i i i i i i i i i i i i	
GP □ GM □ GC □ GW □ SW		If yes, describe:	Bumper Post 4"
SM SC ML MH CL	□ CH□ ₩ ₩	3. Surface seal:	Bentonite 30
Bedrock □		3. Surface sear.	Concrete ⊠ 01
13. Sieve analysis attached? ☐ Yes	□ No ⊗	\	Other 🗆 🍱
14. Drilling method used: Rotary	□50	4 Material between a	well casing and protective pipe:
Hollow Stem Auger	H	4. Waterial between	Bentonite 30
		Cen	nent Bentonite Other 🖂 🎉
Other			Other 🗵 🔤
NAME OF TAXABLE AND TAXABLE BY TAXABLE AND		5. Annular space seal	a. Granular/Chipped Bentonite 3 3
[마이탈(B) (B) (B) (B) (B) (B) (B) (B) (B) (B)		bLbs/gal m	ad weight Bentonite-sand slurry 3 5
Drilling Mud □ 0 3 None	⊠99 ⊗ ⊗	c. Lbs/gal mi	id weight Bentonite slurry □ 31
		d 5 % Bentoni	te Bentonite-cement grout 🗵 5 0
16. Drilling additives used? ☐ Yes	⊠ No ⊠	6	volume added for any of the above
		f. How installed:	
Describe		f. How installed:	Tremie 01
17. Source of water (attach analysis, if required):			Tremie pumped ⊠ 02
17. Source of water (united analysis, 17 requires).			Gravity 🗆 08
None	🔘 🗎	Bentonite seal:	 a. Bentonite granules 3 3
	□ No □ 5 0 □ 4 1 □ 25 0 □ White the second	/ b. □ 1/4 in. ⊠ 3/	8 in. □ 1/2 in. Bentonite chips ☑ 3 2
E. Bentonite seal, top ft. MSL or	25.0 ft. \	/ c	Other 🗆
c. Denomic sear, top	NO DOG	/	Manufacturer, product name & mesh size
5 Fi 0 MSI	30.0 ft.	Badger	Mining Corp. 30x100 Mesh
F. Fine sand, top ft. MSL or		/ a	
		b. Volume added _	
G. Filter pack, top ft. MSL or		, , .	Manufacturer, product name & mesh size
		a. Red Fli	nt Sand & Gravel, #40 Sand
H. Screen joint, top ft. MSL or	34.0 ft.	b. Volume added _	ft ³
	7-1-1	9. Well casing:	Flush threaded PVC schedule 40 ⊠ 23
. Well bottom ft. MSL or	44.0 ft.	y, won casing.	Flush threaded PVC schedule 80 2 4
. Wen bottom	— " \		Other D
Principle of Francisco	150 .	<u> </u>	
. Filter pack, bottom ft. MSL or		10. Screen material: _	
		 a. Screen Type: 	Factory cut 🖾 11
C. Borehole, bottom ft. MSL or	45.0 ft.		Continuous slot 0 1
			Other 🗆 💆
. Borehole, diameter6.0 in.		b. Manufacturer _	Boart Longyear E&I
		c. Slot size:	0.010 in.
 O.D. well casing		d. Slotted length:	ft.
A. O.D. well casing		11. Backfill material (be	
200		11. Backini material (be	
I. I.D. well casing		2 <u></u>	Other 🗆 🍱
The state of the s			
hereby certify that the information on this form is	Test	owledge.	
Signature J. CO-1	Firm BOART LONGY	'EAR COMPANY	Tel: 715-359-7090
John Kach	101 ALDERSON	STREET SCHOFIELD, WI 544	76 Fax: 715-355-5715

	Remediation/Red	evelopment \square O	ther \square	Form 4400-113A	Rev. 7-	98
Facility/Project Name	Local Grid Locatio	n of Weil	ПЕ	Well Name	POI SIGNA	
Barr Engineering	ft	L DS	ft. W.) or Well Location [MW	V-18	
Facility License, Permit or Monitoring No.	Local Grid Origin	(estimated:) or Well Location [Wis. Unique Well No.	DNR Well	Number
0	Lat	Long	0 1 #	or		
Facility ID	St. Plane	ft. N.	ft. E. S/C/	/N Date Well Installed		
	Section Location of	Waste/Source		10/27/		
Type of Well	1/4 -6	1/4 -60		E Well Installed By: (Pers	son's Name	and Firm)
Well Code 11/mw	Location of Well R	elative to Waste/Source	ГN, R [Gov. Lot Numb		FURO	
Distance from Waste/ Enf. Stds.	u Upgradient			VI.		
Source ft. Apply	d Downgradi	ient n 🗆 Not Kn	iown	BOART LON	GYEAR E	<u>&I</u>
A. Protective pipe, top elevation	ft. MSL —		1. Cap and lock?		⊠ Ye	s 🗆 No
			2. Protective cove	er pipe:		
B. Well casing, top elevation	2.50 ft. MSL -	THI?	a. Inside diame	eter:		5.5
C. Land surface elevation	ft. MSL 🔍		b. Length:			5.0
	40 0 3		c. Material:		Steel	1 🛛 04
D. Surface seal, bottom ft. MSI	or 4.0 H.				Other	r 🗆 📖
12. USCS classification of soil near screen:	1	March:	d. Additional p			s 🗆 No
	W 🗆 SP 🗆		If yes, descri	ibe: 4" BUMPER P	OST	_
	L CH CH	# 14	3. Surface seal:		Bentonite	: ⊠ 30
Bedrock □			3. Surface seal:			01
13. Sieve analysis attached? ☐ Y	es 🗆 No		\		Other	
14. Drilling method used: Rota	ry □50		4. Material between	en well casing and protective	pipe:	
Hollow Stem Aug					Bentonite	⊠ 30
MINI SONIC Oth					Other	- 🗆 🕮
**		. III III III III III III III III III I	5 Annular enace s	seal: a. Granular/Chippe	d Rentonite	M 22
15. Drilling fluid used: Water □ 0 2 A	ir □01			I mud weight Bentonite		
Drilling Mud □ 0 3 Nor				I mud weight Bentonne-		
•			d% Bent			
16. Drilling additives used? ☐ Y	es 🖾 No			Ft ³ volume added for any of the		Ц Э
	342.474.		f. How installe			□ 01
Describe	717		i. How instant			
17. Source of water (attach analysis, if required				Hen	nie pumped	
	50		20 20 10 10 10	40 LV		⊠ 08
			6. Bentonite seal:		ite granules	
	180 AC 187					
. Bentonite seal, top ft. MSL	or4.0 ft. \		/	The state of the s		
CONTROL OF STREET	***		7. Fine sand mater	rial: Manufacturer, product n	ame & mes	h size
. Fine sand, top ft. MSL	or <u>29.0</u> ft. \	、 ∖ ⊠ ⊠ /	/ a	#70 BADGER MINING		
	444 (5	/ M M/		edft³		
Filter pack, top ft. MSL	or30.0 ft. \		8. Filter pack mate	erial: Manufacturer, product	name & mes	sh size
			a. #40	RED FLINT SAND & GRA	VEL	
I. Screen joint, top ft. MSL	or32.5 ft. ~		b. Volume adde	d ft ³		
*			9. Well casing:	Flush threaded PVC s	chedule 40	፟ 23
Well bottom ft. MSL	or 42.5 ft.		3703	Flush threaded PVC s	chedule 80	□ 24
	5	/ 国			Other	
Filter pack, bottom ft, MSL	or 42.6 ft.		10. Screen material:	PVC		
- In production		minn	a. Screen Type:		Factory cut	⊠ 11
. Borehole, bottom ft. MSL	or43.0_ ft. <		an bereat 1)po.		tinuous slot	
. Bolenoie, bottom		< ///////		Cont		
Borehole, diameter6.0 in.		V////X	b. Manufacturer	BOART LONGYEA		
Borehole, diameter in.		1	c. Slot size:			0.010 in
OD well casing 2.37 in			d. Slotted length	n•		10.0 ft
f. O.D. well casing	52		11. Backfill material		None	⊠ 14
7.5 " 1 206 - 1			11. Dawkin matchal	(colow mici pack).	150 M 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
I.D. well casing			¥ .		- Ouler	

lack dmilt		Other		
acility/Project Name	Local Grid Location of Well ON	DE.	Vell Name	
Enbridge	Local Grid Location of Well N.	A. O.E.	m W - 19 Vis. Unique Well No. DNR Well ID	N. N.
acility License, Permit or Monitoring No	Lat Local Grid Origin	0 1 11		
acility ID	St. Plane ft. N, Section Location of Waste/Source	ft. E. S/C/N	Date Well Installed 2/20120	08
ype of Well		.T. N.R	m m d d y y Well Installed By: Name (first, last) ar	nd Fin
Well Code /	1/4 of1/4 of Sec Location of Well Relative to Wast		Randy Johnson	2
istance from Waste/ Enf. Stds.	u Upgradient s 5 5	e/Source Gov. Let Number idegradient	Slevens Dilliand	40
ourceft. Apply		et Known	Stevens Dr. Iling 4	
Protective pipe, top elevation	2:2 ft. MSL	1. Cap and lock?	⊠ Yes □	No
NY-11	2_ ft. MSL —	2. Protective cover pip	1	
Well casing, top elevation		a. Inside diameter:	- 	_ in.
. Land surface elevation	ft. MSL	b. Length:	O.A.	_ft.
Surface seal, bottom 21/2- ft. N	ISI or ft The state of the stat	c. Material:	Stoel DI.	
	X 27 / 32 / 3 / 1 / 1		Other D	100
2. USCS classification of soil near screens GP ☐ GM ☐ GC ☐ GW ☐		d. Additional protect		140
SM SC ML MH	CI CH CH CH CH CH	1 / /	Bentonite 🗷	30
Bedrock 🗆		3. Surface scal:	Concrete D	73
3. Sieve analysis performed?	Yes No		Other □	Wildel
	otary 🗆 5 0	4 Material between w	ell casing and protective pipe:	62.2
Hollow Stem	meer PL41		Bentonite 🖾	. 30
	Other 🗆 💮		Other □	SAME.
		5. Annular space scal:		
5. Drilling fluid used: Water 0 2	Air 🗆 01	J. Annuar space sear:	d weight Bentonite-sand slurry	
	None 2 99	B Lbs/gal mu	d weight Bentonite slurry	31
		d % Bentonite	Bentonite-cement grout [
6. Drilling additives used?	Yes 🔁 No	Ft 3 v	volume added for any of the above	-
	188	f. How installed:	Tremie 🛘	0.3
Describe			Tremie pumped	0.2
7. Source of water (attach analysis, if re-	(uired):		Gravity 🖾	0.8
		6. Bentonite seal:	a. Bentonite granules 🛛	33
7 6		b. □1/4 in. □3/6	S in. □1/2 in. Bentonite chips □	3 2
Bentonite seal, top O_ft M	Yes No otary 50 tuger 541 Other 0 Air 01 None 599 Yes 51 No puired): SL orft.	/ c	Other 🗆	\$2.2
Fine sand, top 2/2 ft. M	SLorA.	7. Fine sand material:	Manufacturer, product name & mest	h size
	- 1-4 E-	1 / 2 Lelica	mod	3000
Filter pack, top 3 _ ft. M	SL orft.	b. Volume added _	6 1 ft3	=
			: Manufacturer, product name & mos	sh siz
Screen joint, top 4 ft. M	SL orft.	a. new	00 35-45 Red 1 line	20
Well bosom Ly ft. M	SL orft.	9. Well casing:	Flush threaded PVC schedule 40 A	2 2
Filter pack, bottom 15_ft. M	SL orfl.		Other 🗆	29
Borehole, bottom15 ft. M	SL or ft.	10. Screen material: a. Screen type:	Factory cut 🗵	1 1
Borehole, diameter 8 1/4 in.			Continuous slot	
bottonore, cremoter M = V III.		h Mamifestones A	Other []	182
O.D. well casing25 in.		b. Manufacturer 4 c. Slot size: d. Slotted length:	0£	O in
1.D. well casing 2 in.		11. Backfill material (b		14
	s form is true and correct to the best		Ouiti Li	DAY TO

lady Smith	lemediation/Redevelopment Othe			
Facility/Project Name Enbridge	Commediation/Redevelopment Other	ft. 🖁 w	Well Name MU 20	
Facility License, Permit or Monitoring No.	Lat (estimated: [) or Well Location	Wis. Unique Well No. DNR Well II	D Na.
Facility ID	St. Planc ft. N,	ft. E. S/C/N	Date Well Installed 21 211 20	6 9
Type of Well	Section Location of Waste/Source	OE!	Well Installed By: Name (first, last)	and Fir
Well Code /	1/4 of,T	:N, R 吕퉋	Patrick Johnso	
Distance from Waste/ Enf. Stds.	Location of Well Relative to Waste/So u ☐ Upgradient s ☐ Sideg	ource Gov. Lot Number		1
Sourceft. Apply [d Downgradient n Not K	nown —	Stevens Drilling 4	
A. Protective pipe, top elevation 222	ft. MSL	1. Cap and lock?	₽ Yes [] No
3. Well casing, top elevation _ 2 \(\)	ft. MSL	Protective cover pi A. Inside diameter:		6 in.
2. Land surface elevation	ft. MSL	b. Length:		LL ft.
	30000000	e. Material:	Steel 5	1 0
D. Surface seal, bottom 2 _ 2_ ft. MS	Lor fr.		Other D	j
12. USCS classification of soil near screen	" Service No.	d. Additional prote	ection?	No
GP □ GM □ GC □ GW □ S	W D SP D W W	If yes, describe:	The state of the s	
SM SC ML MH C	TO CHO! AND PRO	/ /	Bentonite &	3 3 1
Bedrock	1 10 89	3. Surface scal:	Concrete C	-
13. Sieve analysis performed?	res XNo		Other E	Fact.
4. Drilling method used: Rot	(es □XNo sry □ 5 0 ger □ 4 1 her □ □ Air □ 0 1 fone □ 9 9	4. Material between t	well casing and protective pipe:	200,0
Hollow Stem Au	ger 🗆 4 1		Bentonite E	1 3
	her 🗆 🥽 🔛		Other D	J 🕮
		5. Annular space seal		
5. Drilling finid used: Water 0 2	Air 🗆 01 🔯 🚟	J. Allitata space scal	ud weight Bentonite-sand slurry D	
	fone 🖾 99		ad weight Bentonite slurry	
			te Bentonite-cement grout C	
6. Drilling additives used?	es 🖬 No 😡 🐯		volume added for any of the above	- 31
			Tremie E	J 0
Describe		f. How installed:	Tremie pumped	
7. Source of water (attach analysis, if requ	ired):		Gravity	
		6. Bentonite seal:	a. Bentonite granules	
Bentonite seal, top ft. MSI	_orft_	6. 11/4 in. 113	/8 in. CI 1/2 in. Bentonite chips C	40.00
Fine sand, top 2 ft MSI	ger 41 her 0 Air 01 one 99 es No ired):	7. Fine sand material:	: Manufacturer, product name & me	sh size
	/網 解/	1 a sical sas	ol	300
Filter pack, top 3_ ft. MSl	-orft. 国 图	b. Volume added		402
		8. Filter pack materia	l: Manufacturer, product name & mo	esh siz
. Screen joint, topft. MSI	or ft.	a. 35/4	15 Pack Ring	33
Well bottom L4 _ ft. MSI	-αf_	9. Well casing:	Flush threaded PVC schedule 40	
Filter pack, bottom [4_ft_MS]	orf	\	Flush threaded PVC schedule 80 COther C	2550
- 1/4 6 NO		10. Screen material: _	Puc	28
. Borehole, bottom14_ ft. MSI	orII	a. Screen type:	Factory cut Continuous slot	-
Borehole, diameter _ \$ C4 in.			Other [
	\	b. Manufacturer _		202
I. O.D. well casing2.5 in.		c. Slot size: d. Slotted length:	0. 3	(0_in
. I.D. well casing 2 in.		11. Backfill material (below filter pack): None	Q 14
			Other E	
hereby certify that the information on this	form is true and correct to the hest of a	av knowledne		

lady smith	Remediation/Redevelops			htt 11 5 1		
Facility/Project Name	Local Grid Location of	Well DN.	ft. 🗆 E.	Well Name		
ENDridge		tr	tr. DW.	Wis. Unique Well No.	INVESTIGATION	N N
Facility License, Permit or Monitoring No	Local Grid Origin	(estimated: []) or	Well Location		JAK WEILTE	J No.
Facility ID	St. Plane	ft. N,	fi. E. S/C/N	Date Well Installed 2	17720	08
	Section Location of Wa		□ E	Well Installed By: Na	me (first, last)	and Fire
Type of Well Well Code/	1/4 of 1/4 Location of Well Relate	of Sec. T.	N, R. B W	Patrick.		
Distance from Waste/ Enf. Stds. Sourceft. Apply	u 🗆 Upgradient	5 Sidegradient		Stevens D	rilling w	4 En
A. Protective pipe, top elevation	2.2'_ft.MSL —		. Cap and lock?		鄭 Yes 🗆	No
	_2ft. MSL	1000-2	. Protective cover p			G in
g, .,			b. Length:		1277	f.
C. Land surface elevation	ft MSL	The same of the sa	c. Material:		Steel [
D. Surface seal, bottom Z ft. N	ISL or ft.		G. IVIAUCIJALI		Other [75-7
	X-220	7: C. 1000 (1)	d. Additional pro	tastian?	☐ Yes	470,771
12. USCS classification of soil near scre		M M			☐ 162 ∰	1 140
GP GM GC GW G	SW C CP CP CP	/ El E / /	If yes, describe			
Bedrock	CL U Ch U	W W \ 3	. Surface scal:		Bentonite 🗷	
	V. Div				Concrete	The same of
	Yes Dano				Other	
14. Drilling method used:	otary D 50	(S) (S) 4	. Material between	well casing and protect	ive pipe:	are record
Hollow Stem A					Bentonite 🖳	3.0
	Other 🗆 🕮 📗				Other	
		M M 5	. Annular space sea	al: a. Granular/Chipp	ed Bentonite	33
15. Drilling fluid used: Water □ 0 2	Air 🗆 01		The/gal m	ud weight Bentonit		
Drilling Mud □ 0 3	None 6 99	100 Big	1 he/gal m	and weight Ben	tonite slovey E	3 1
	POST-OCHEAN.		% Renton	ite Bentonite-	cement grout	3 50
16. Drilling additives used?	Yes A'No	188 BB		volume added for any		
		1883 5883			Tremie [3 01
Describe			How installed:		mie pumped	
17. Source of water (attach analysis, if re	mired):	88 88		116		
	1-11-1-1				Gravity 🛭	
		100 E	. Bentonite seal:		nite granules 🛭	77.
			b. Ш1/4 in. Ш	3/8 in. □1/2 in. Be	entonite chips L	
E. Bentonite seal, top ft. M	SL orft.		C		Other [(00,000)
F. Fine sand, top2_ft. M	SL orft		. Fine sand materia	il: Manufacturer, produ	uct name & mo	sh size
6. Filter pack, top Z ft. M	SL orft.		b. Volume added	0.425	13	22
			. Filter pack materi	al: Manufacturer, prod	luct name & me	esh size
I. Screen joint, top	SL or ft.		a. 35-42 b. Volume added	5 Red Fligh	ft 3	20
. Well bottom 13 4 ft. M	SL orft.	· []	Well casing:	Flush threaded PVC s	schedule 40 🕱	23
Filter pack, bottom 1 5 ft. M	or	イ圏イ		Plush threaded PVC s	and the same of the same	-
Filter pack, bottom 1 5_ ft. M	SL orII.	10	Screen material:	PUC.	Other [] 🧸
C. Borehole, bottom 15_ ft M	SL orft.		a. Screen type:		Factory cut Z	And the second
al_				Con	tinuous slot	0 1
. Borehole, diameter _814 in.					Other	
1. O.D. well casing			b. Manufacturer . c. Slot size:	Jenness	0,_	Loin.
		./	d. Slotted length:	E .		LOft.
I. I.D. well casing -2 in.		11	. Backfill material	(below filter pack):	None E	14
		1 N N N N N N N N N N N N N N N N N N N	1-1		Oaler L	. 22
hereby certify that the information on the						

Svc

. a . . .

Facility/Project Name		pment Other		Form 4400-113A Rev. '	7-98	CTION
MULLIFIE TOJOVE S THERE	Local Grid Location of V	Well	ПЕ	Well Name		
BARR ENGINEERING	ft. ☐ Local Grid Origin	Sfi	Ł Hw.	MW-23		
Facility License, Permit or Monitoring No.	Local Grid Origin	(estimated:) or	Well Location	Wis. Unique Well No. DNR Wel	II Nurr	nber
0	Lat '	Long.	or			
Facility ID	St. Plane	ft. N.	fl.E. S/C/N	Date Well Installed		
	Section Location of Was	te/Source		03/20/2008		
Type of Well			N.D. DE	Well Installed By: (Person's Name	e and I	Firm)
Well Code 11/mw	Location of Well Relative	of Sec, T	Gov. Lot Number	MAT WHITE		
Distance from Waste/ Enf. Stds.	u D Upgradient	s Sidegradient	Gov. Lot Number			
Source ft. Apply	d Downgradient			BOART LONGYEAR I	:&I	
	ft, MSL		1. Cap and lock?	⊠ 3	es 🗆	No
			2. Protective cover pi	ipe:		
Well casing, top elevation	2.50 ft. MSL	'IHI'	a. Inside diameter:		(6.0 i
C. Land surface elevation	ft. MSL <		b. Length:			5.0
		Section 1	c. Material:	Ste	el 🖾	
D. Surface seal, bottom ft. MSI	or ft	A 12/12/12		Oth		
12. USCS classification of soil near screen:	5/15/12	A Acousie	d. Additional prote	ection?	'es ⊠	100000
하다 사람들(마른) 내 드라지 않는데 하고 있었다. 전문에 하고 있었다. 얼마나	W D SP D	/ XII IX /	If yes, describe:			romatio.
	L CH CH	M M / /		Bentoni		1 3 0
Bedrock □			Surface seal:	Concre	100	
13. Sieve analysis attached?	es 🗆 No			Other		
14. Drilling method used: Rota	ry 🗆 5 0		4 Material hetween u	well casing and protective pipe:		200
Hollow Stem Aug			4. Iviniciai octween v	Bentoni	te 🗖	3.0
	er 🛇 🚟				er 🖾	
Out	or realization		27 No. 2 v -8	Out		
15. Drilling fluid used: Water □02 A	ir 🗆 0 1		Annular space seal.			
Drilling Mud 03 Nor				ud weight Bentonite-sand slurr		
Drining Mud 1303 Not	10 1199			ad weight Bentonite slurr		
16. Drilling additives used?	es 🖾 No			te Bentonite-cement grou	ıt 🗆	50
To be a second of the second o				volume added for any of the above		
Describe			f. How installed:		ie 🗆	1000
17. Source of water (attach analysis, if required				Tremie pumpe		
7. Source of water (attach analysis, if required	,			Gravit	y 🛛	08
			6. Bentonite seal:	 a. Bentonite granule 	s D	33
4 4 11111111111111111111111111111111111			b. □ 1/4 in. □ 3/	/8 in. □ 1/2 in. Bentonite chip	s 🗆	32
. Bentonite seal, top ft. MSL	or ft.		c3/8'	'HOLEPLUG Othe	r 🛛	
			7. Fine sand material:	Manufacturer, product name & me	esh siz	ze
Fine sand, top ft. MSL	or ft. \		a#	60 BADGER MINING		
			b. Volume added _	ft ³		III STOPPING
. Filter pack, top ft. MSL	or2.5 ft.			: Manufacturer, product name & m	iesh si	ize
			17/	D FLINT SAND & GRAVEL		
. Screen joint, top fl. MSL	or3.0 ft		b. Volume added _		17.	men
. Sereon joint, top		4-1/	D. Volume added _	Flush threaded PVC schedule 40	Λ 521	23
Well bottom ft. MSL	or13.0 ft. <	[图】 。	. Wen casing.	Flush threaded PVC schedule 80		
wen bontoin it. MSL	n					11111
Elter reals bettern A MSI	or15.0_ft	く聞く		PVC		PHILIP
Filter pack, bottom ft. MSL	or). Screen material:			Applied to
Devilate hattage	150 c		a. Screen Type:	Factory cu		
. Borehole, bottom ft. MSL	or15.0 ft.			Continuous slo	2000	ENVISE
		V///X		BOART LONGYEAR Othe	r 🗆	<u> 111715</u>
Borehole, diameter6.0 in.			b. Manufacturer _	DOAKI LUNUI EAK	0.01	0 .
			c. Slot size:		10	0 in
f. O.D. well casing <u>2.37</u> in.			d. Slotted length:			<u>0</u> A
		`11	. Backfill material (be			272775573
I.D. well casing 2.06 in.				Other	r 🗆	ENE

	Remediation/Redevelopm	ent Other		Well Name		
Facility/Project Name	Remediation/Redevelopm Local Grid Location of V	P DN.		mm 1 - 24	1	
En Dridge Facility License, Permit or Monitoring No	Local Grid Origin (actimated: D \ or	Well Location	Wis. Unique Well No. D		1 No
racting Lacense, Fermit of Monitoring No	Lat.	d Long) II	Wis. Omque Well Ito.	THE THEIR EL	7 110.
Facility ID	St. Planc		ft. E. S/C/N	Date Well Installed	1120	m Si
	Section Location of Was	The second secon		m m d	d v v	VV
Type of Well		f Sec, T	N. R == \frac{1}{N}	Well Installed By: Name	(first, last) a	nd Fir
Well Code/	Location of Well Relativ	e to Waste/Source	Gov. Lot Number	Randy Jo	nnsor	1
Distance from Waste/ Enf. Stds. Source ft. Apply	u Downgradient	s Sidegradient		Stevens Drill	ina+t	nv
	2-2"ft MSL —		. Cap and lock?		X Yes	No
A. Protective pipe, top elevation		-	. Protective cover p	sine:	D 100 L	230
B. Well casing, top elevation	2 ft. MSL	1-10	a. Inside diameter	-	_6	in.
C. Land surface elevation	ft_MSL		b. Length:		_4	ft.
	Sept 2.77	A Bear	c. Material:		Steel	0 4
D. Surface seal, bottom ft. M	X: ~ > 1 / 2			1-100074100=1100e47-700e-4-2-000	Other 🗆	1 55
12. USCS classification of soil near scree		A Karan	d. Additional pro-		☐ Yes ☑	No
	SW D SP D	1 1 1	If yes, describe		_	
Bedrock D	u u ca u	M M \ '3	. Surface scal:		entonite 🛮	
	Yes 🗆 No			(Concrete 🗆	
THE CONTRACT OF STREET STREET STREET, STREET STREET STREET, ST	tary 🗆 5 0		No. and all hosters are	n and a set of set of	Other	22
14. Drilling method used: Ro Hollow Stem A		W W *	. Malerial Detween	well casing and protective;	entonite 🕮	. 30
	Other D			Ъ	Other	2000
			. Annular space sea	l: a. Granular/Chipped B		See an
15. Drilling fluid used: Water □ 0 2	Air 🛛 01	5	. Annuar space sea	ud weight Bentonite-sa		
	None 🗆 99			and weight Bentonit		
				te Bentonite-ceme		
16. Drilling additives used?	Yes 🗆 No			volume added for any of th		
B - B -	Ť		How installed:	AND	Tremie 🗆	0 1
Describe			* Constitution of the Cons	Tremie	pumped 🗆	02
 Source of water (attach analysis, if requ 	uirea):				Gravity 📜	
		6	. Bentonite seal:	a. Bentonite		
			b. □1/4 in. □3	3/8 in. □ 1/2 in. Benton	ite chips 🛘	
E. Bentonite seal, top ft. MS	LorCft.		c		Other	444
Fine sand, top ft. MS	Lor_ 1:6" ft.	關 國 / 7	. Fine sand material	: Manufacturer, product n	ame & mes	h size
	1.0	問門/	a Lilico	sanol		3000
i. Filter pack, top ft. MS	Lor_2 th	图 图/	b. Volume added	611 n3	-	
	100	. 8		al: Manufacturer, product n	isme & mer	sh size
I. Screen joint, top ft. MS	L or 2 10.	1-1	a 71070	15-45 Real flort		300
Wall borons 6 340	Lar_12_ft.	国土。	b. Volume added	Flori di al Piro di a		-0.0
Well bottom ft. MS	r. ca rr		. Well casing:	Flush threaded PVC sched Flush threaded PVC sched		2.3
Filter pack, bottom ft. MS	Lor 13 n	イ富ノ		Flush threaded FVC sched		2.4
The para count care		10	. Screen material:	PUC	Other	80.00
. Borehole, bottom ft. MS	Lor13_ft_		a. Screen type:	The state of the s	tory cut 🗷	11
			as contain types		ous slot	
Borehole, diameter8/4 in.		· Eccard			Other 🗆	
(6)			b. Manufacturer	golinson	Other to	200 201
f. O.D. well casing _ 2/2 in.			c. Slot size:	,	0[O in.
- 11		1	d. Slotted length:		-10	O_ft.
I. I.D. well casing -2 in.		11	Backfill material (below filter pack):	None 🔼	distant.
	Tally & Control Williams				Other	

Department of Natural Resources Route To:	Watershed/Wa			nagement	MONITORING WELL Form 4400-113A	L CONSTI		CTION
Parilie-Design Norma		edevelopment	Other		Well Name	Rev. /-	90	
Facility/Project Name	Local Grid Loca	I N.		□E.	Weil Name	OID		
BARR ENGINEERING	710:40:3	tt. os. —	n.	E. W. Vell Location	Wis. Unique Well No.	-24D	NY.	•
Facility License, Permit or Monitoring No.	Local Grid Origi	n 🔯 (estimated	: □) or v	veil Location	Wis. Unique Well No.	DNK Well	Nun	nber
0	1			or	Deta Well Years II-1			
Facility ID	St. Plane	ft. N, _		_ft. E. S/C/N	Date Well Installed			
	Section Location	of Waste/Source			03/11	/2008		
Type of Well	1/4 of	1/A of Sec	T	.N, R DE	Well Installed By: (Per	son's Name	and l	Firm)
Well Code 11/mw		Relative to Waste/S		Gov. Lot Number	MAT V	WHITE		
Distance from Waste/ Enf. Stds.	u 🛘 Upgradis			Coy. Lot I tumber	Secret Secretary			
Source ft. Apply	d 🗆 Downgra	adient n 🗆 N	lot Known		BOART LON	GYEAR E	&I	
A. Protective pipe, top elevation	ft. MSL		11	. Cap and lock?		⊠ Ye	s 🗆] No
	250 2 250		180/2	. Protective cover pi	pe:			
B. Well casing, top elevation	2.50 ft. MSL -	11		a. Inside diameter:				6.0 j
C. Land surface elevation	ft. MSL >			b. Length:				7.0
			THE PROPERTY AND ADDRESS OF THE PARTY AND ADDR	c. Material:				04
D. Surface seal, bottom ft. MSL	orft.		15-15-15	7-011-0		Other	r 🗆	
12. USCS classification of soil near screen:		242/22/4	- ACTION	d. Additional prote	ection?	☐ Ye	s 🗵	
GP□ GM□ GC□ GW□ SY	V 🗆 SP 🗆		X	If yes, describe:			_	-
	CH D	W I	7 / 1	3 1		Bentonite		1 30
Bedrock □			₹ \ ``3	. Surface seal:		Concrete		1 01
13. Sieve analysis attached? ☐ Ye	s 🗆 No		፟ \					
14. Drilling method used: Rotar	y 🗆 5 0		8 14	Material hetween u	vell casing and protective			
Hollow Stem Auge		₩ 8	8 ′	. Material Colifical F	voir casing and proteouve	Bentonite	П	1 30
MINI SONIC Othe	- 2	₩ 8	8		SAND			
Olik	1 10 100	₩ 8	8	A CONTRACTOR OF THE CONTRACTOR				
15 Deilling Strid words Wester CO2 A	- 001		5		a. Granular/Chippe			
	r 🗆 0 1		ž t		id weight Bentonite			
Drilling Mud □ 0 3 Non	C 1199		8 '		nd weight Ben			
16. Drilling additives used? ☐ Ye	s MNo	₩ 8	8 0	I% Bentoni				50
To. Drining dutilities diseas.	2.10	₩ 8	8 4		olume added for any of	the above		
Describe			3 1	f. How installed:		Tremie	1	
17. Source of water (attach analysis, if required)		₩ 8	X		Tren	nie pumped		
17. Source of water (attach analysis, if required,			X X			Gravity		08
			6.	Bentonite seal:	a. Benton	ite granules		33
			3 /		/8 in. □ 1/2 in. Ben			
. Bentonite seal, top ft. MSL o	63.0 ft.	. 🕺 🖟	A /	c		Other		
			7.	Fine sand material:	Manufacturer, product i	name & mes	h siz	ze
Fine sand, top ft. MSL c	7 57.0 ft.	\ \ III II		a#	60 BADGER MINING			
			3//	b. Volume added _	ft ³			
Filter pack, top ft. MSL o	r 57.5 ft.		8/ 8		: Manufacturer, product	name & me	sh si	ize
. That part, top	A		1		D FLINT SAND & GRA			
. Screen joint, top ft. MSL o	r60.0 ft.			b. Volume added _		120	_	200700
. Screen joint, top ft. MSL o	1 IL		/			1 1 1 10	678	0.7
W. H.L	r65.0 ft.		9.	Well casing:	Flush threaded PVC			
Well bottom ft. MSL o	r n.	/ III			Flush threaded PVC s	The state of the s	100	1000000000
Lacon fine will	70.0	/ 目			DV/O	Other	П	Contract of
Filter pack, bottom ft. MSL o	rft.		10.	Screen material: _	PVC		•	
Westerlands	= 0.0	V/////	3	 a. Screen Type: 		Factory cut	\boxtimes	11
. Borehole, bottom ft. MSL o	r	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1		Con	tinuous slot		\$32C2C32
		\///X	1		DO LESS Y CLUSS	Other		
Borehole, diameter6.0 in.		VIIII	1	b. Manufacturer _	BOART LONGYEA			
			1	c. Slot size:		_		10 in.
. O.D. well casing <u>2.37</u> in.			1	d. Slotted length:		_	5.	.0 ft.
			11.	Backfill material (be		None		14
					SAND	Other	X	鵬
I.D. well casing 2.06 in.						_ Omer		
I.D. well casing 2.06 in.						_ Onici		

	Remediation/Redevelopment Other	
Facility/Project Name	Local Grid Location of Well	Well Name
BARR ENGINEERING Facility License, Permit or Monitoring No.	ft. □ N. Local Grid Origin ⋈ (estimated: □) o	nt. W. MW-31 MW-31 Wis. Unique Well No. DNR Well Number
	Lat Long	
acility ID		Data Wall Installed
	St. Plane ft. N, Section Location of Waste/Source	ft. E. S/C/N 03/20/2008
'ype of Well		TE Well Installed By: (Person's Name and Firm
Well Code 11/mw	1/4 of, T, T, T, T, T	N, R. WHITE
Distance from Waste/ Enf. Stds.	u Upgradient s Sidegradier	Gov. Lot Number
ource ft. Apply	d □ Downgradient n □ Not Known	
. Protective pipe, top elevation	ft. MSL	1. Cap and lock? ✓ Yes □ N
. Well casing, top elevation	2.50 ft MSL	2. Protective cover pipe: a. Inside diameter: 6.0
		b. Length: 7.0
	n. MSL	c. Material: Steel ⊠ 0
. Surface seal, bottom ft. MSL	or	Other 🗆
12. USCS classification of soil near screen:		d. Additional protection? ☑ Yes □ N
	V SP D	If yes, describe: 4" BUMPER POST
SM □ SC □ ML □ MH □ CI. Bedrock □	CHO CHO	3. Surface seal: Bentonite 3
AND	s DNo	Concrete 🗵 0
Richard Control of the Control of th	y 🗆 5 0	4. Material between well casing and protective pipe:
Hollow Stem Auge	r 1141	Bentonite 3
		SAND Other 🛛
		— 5. Annular space seal: a. Granular/Chipped Bentonite □ 3
-	r 🗆 0 1 .	bLbs/gal mud weight Bentonite-sand slurry 3
Drilling Mud □ 0 3 None	99	cLbs/gal mud weight Bentonite slurry 3
6. Drilling additives used? ☐ Yes	s ⊠ No	d% Bentonite Bentonite-cement grout 🗖 5
o. Dining additives used.		eFt³ volume added for any of the above
Describe		f. How installed: Tremie 0
7. Source of water (attach analysis, if required)		Tremie pumped □ 0 Gravity 図 0
		6. Bentonite seal: a. Bentonite granules 3
		b. \square 1/4 in. \square 3/8 in. \square 1/2 in. Bentonite chips \square 3
Bentonite seal, top ft. MSL o	SP CH SP C	c. 3/8" HOLEPLUG Other 🛛
		7. Fine sand material: Manufacturer, product name & mesh size
Fine sand, top ft. MSL o		a. #60 BADGER MINING
	r 31.0 ft.	b. Volume addedft ³
Filter pack, top ft. MSL o	r31.0 ft.	8. Filter pack material: Manufacturer, product name & mesh size
	22.0	a. #40 RED FLINT SAND & GRAVEL
Screen joint, top ft. MSL o	33.0 ft.	b. Volume addedft ³
Well bottom ft. MSL o	r43.0 ft. \	9. Well casing: Flush threaded PVC schedule 40 ⊠ 2.3 Flush threaded PVC schedule 80 □ 2.4
wen bottom it. MSL to		Other D
Filter pack, bottom ft. MSL o	45.0 ft.	-10. Screen material: PVC
•		a. Screen Type: Factory cut ⊠ 11
Borehole, bottom ft. MSL or	45.0 ft.	Continuous slot 0
9233		Other D
Borehole, diameter6.0 in.	Aurin A	b. Manufacturer BOART LONGYEAR
0.37		c. Slot size:
O.D. well casing 2.37 in.		Fig. 1975 - 1975 - 1976
I.D. well casing		*11. Backfill material (below filter pack): None 🗵 14
LLI Well Casino E.VO in		Cute L St