FILE CLOSED 3/26/2003



Alpha Terra Science, Inc. 1237 Pilgrim Road, Plymouth, Wi 53073 TEL 920/892-2444 FAX 920/892-2620 Website: www.alphaterra.net E-mail: alphaterra@alphaterra.net

October 21, 2013

Ms. Kathleen Sylvester Wisconsin Department of Natural Resources Oshkosh Service Center 625 East County Road Y, Suite 700 Oshkosh, WI 54901-9731

mw-c abandoned w/TCE site.

RE: Modification of Soil Cap and Well Abandonment Forms, Courtyard Area, A. P. Nonweiler Company, 3321 County A, Oshkosh, Wisconsin, BRRTS # 03-71-306024

Dear Kathy:

Recent construction at the A.P. Nonweiler Company was completed in the "Courtyard" area. The remaining three monitoring wells MW-A, MW-B, and PZ-A were removed from the ground on October 17, 2013 and abandoned with bentonite. The well abandonment forms are attached.

The entire <u>courtyard</u> area is being resurfaced with concrete, which will be installed by the end of October 2013. This cap is equivalent or better than the previously installed cap surface for the Courtyard, and still provides a barrier over remaining contaminated soil.

This portion of the site and BRRTS number was closed by the DNR in a final closure letter dated March 26, 2003. The letter indicates two conditions of closure, that as part of a deed restriction, a surface barrier over remaining soil contamination be maintained, and that a Monitoring Well Maintenance Plan be followed that includes inspection and maintenance of the monitoring wells.

Since the monitoring wells have been removed, the Maintenance Plan requirement as a condition of closure is not longer applicable.

The installation of the new concrete cap will continue to serve as a barrier over remaining contaminated soil. The conditions specified by the DNR closure letter are still being maintained.

I trust this information meets your needs. Please call if you have any questions or comments on this information.

in a enn

Kendrick A. Ebbott, P. G. Senior Hydrogeologist

Attachments: Completed Well Abandonment Forms

Cc: Dr. Mark Nonweiler, 3321 County Road A, Oshkosh, WI 54901 w/ Attachments f\ per\nonweiler investments\nil-2006-01\reports correspondence\closure materials\well abandon and cap modification courtyard.doc

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Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08)

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

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Verification Only of Fill and Seal	Drinking Water		Watershed/V	Vastewater	Remedi	ation/Redevelopment		
	Waste Managemer	*	Other:			en generation (* 1911)		
	1							
1. Well Location Information	r		/ Owner In	tormation				
County WI Unique Well # of Removed Well	Hicap #	Facility Nam		Aiman	FILER	COMPANY		
WINNEBAGO Removed Well - A	NA	A				COFTFAR		
Lattitude / Longitude (Degrees and Minutes) Metho	d Code (see instructions)		ID or PWS)	10219	80			
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		License/Per	mit/Monitorin 弁 の		30602.	4		
*'W		Original We			79890			
	Inship Range E	A.P		WWEILS	R COM	PANY		
or Gov't Lot #	18 N 16 🗄 W	Present We			*******			
3321 COUNTY ROAD A	(mw-A)	1 		INE				
Well City, Village or Town	Well ZIP Code	and the second secon	ress of Prese	en en angeren en ege	narran 🔥	an ang man an a		
OSHKOSH	54901	332		writh R	SAD A			
Subdivision Name	Lot #	City of Pres	KOSH		State MT	ZIP Code SY901		
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Reason For Removal From Service WI Unique Wel	I # of Replacement Well	4. Pump, I	Iner, Scree	en, Casing &	Sealing Mater			
Core Clased, Resurface Countyand Cap_		Pump and	d piping remo	ved?				
3. Well / Drillhole / Borehole Information		Liner(s) r	emoved?					
Original Constructi	on Date (mm/dd/yyyy)	Screen removed?						
	4 /1998					<u>res 凶No LIN/A</u>		
	tion Report is available,	Was casi	ng cut off bel	ow surface?	\boxtimes_{Y}			
Borehole / Drillhole please attach.	NA	Did sealir	ig material ris	e to surface?				
Construction Type:		Did mate	ial settle afte	r 24 hours?				
Drilled Driven (Sandpoint)	Dug	If yes, was hole retopped?						
Other (specify):	: 	If bentonit	e chips were from a know	used, were they n safe source?	^{/ hydrated} 不			
Formation Type:			and the second se	ng Sealing Mate				
Unconsolidated Formation	nek	Condu	ctor Pipe-Gra	vity 🗌 Condu	ctor Pipe-Pump	ed		
Total Well Depth From Ground Surface (ft.) Casing Diameter (in.)		Screened & Poured Other (Explain):						
25.7	\sim	Sealing Mate	nite Chips)					
Lower Drillhole Diameter (in.) Casing	Depth (ft.)		ement Grout		Clay-Sand	Slurry (11 lb./gal. wt.)		
		Sand-(Cement (Cond	rete) Grout	present.	Sand Slurry * *		
Was well annular space grouted? Yes					Bentonite	Chips		
<u> </u>		For Monitorii	ng Wells and	Monitoring Well	Boreholes Only:			
If yes, to what depth (feet)? Depth to Wat	and the second	Bentor	ite Chips	<u></u> Е	lentonite - Ceme	nt Grout		
14 5	, S	Granul	ar Bentonite		entonite - Sand	Slurry		
5. Material Used To Fill Well / Drillhole		From (ft.)	To (ft.)	No. Yards, S or Volume	acks Sealant (circle one)	Mix Ratio or Mud Weight		
Bentonite	······································	Surface	25.7			RAES)		
and a second				Second analysis	n May and the second			
6. Comments								
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7. Supervision of Work				1X _/	/ DNR Use	······		
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Mark Nonweiler		f		- Lata		and the second sec		
Street or Route 3321 County Roud A	· -	lephone Nun ンン)なろ	- Costo	Comments				
3321 County Road A City State			erson Doin		Data	Signed		
Oshkash Wi	54901		Aun	STOR	Pate	, organou		
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Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 of

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	Route to:		,						
Verification Only of Fill and Seal	Drinking Water		Watershed/W	astewater	Remedi	ation/Redevelopment			
	Waste Managemei	nt 🔲	Other:						
1. Well Location Information	: :	2. Facility	/ Owner Inf	ormation					
County WI Unique Well # of	licap#	Facility Nam							
WINNEBAGO Removed Well - A	NA	A	1	NONW	CILER	COMPANY			
Lattitude / Longitude (Degrees and Minutes) Method	Code (see instructions)	Facility ID (F チエク	ID or PWS) リーロフト	0219	80	 Dense i uf store i 			
*N			nit/Monitoring			•••••			
• W		BRETS		3-71-2	306020	1			
	nship Range RE	Original Well	Owner						
or Gov't Lot #	8 N 16 Hw	A-P		UWEILER	- com	PANY			
Well Street Address	and a second	Present Well		ME					
3321 COUNT ROAD A	(P2 - A)	Mailino Addr	ess of Preser						
Well City, Village or Town	Well ZIP Code 5490	332		· · · · · · · · · · · · · · · · · · ·	A OA				
DJHKOJH Subdivision Name	Lot #	City of Prese				ZIP Code			
			KOSH		INT	54901			
Reason For Removal From Service WI Unique Well	# of Replacement Well	4. Pump, L	iner, Scree	n, Casing & S	ealing Mater				
Cose Clard, fewerface (curty and Cap_		Pump and	piping remov	ved?	니				
3. Well / Drillhole / Borehole Information		Liner(s) re	moved?						
	Monitoring Well Original Construction Date (mm/dd/yyyy)			Screen removed?					
	/ · · · · · · ·	Casing left in place?							
Borehole / Drillhole If a Well Constructi	on Report is available, \mathcal{N} A	Was casing cut off below surface? ☑Yes □N/A Did sealing material rise to surface? ☑Yes □No □N/A							
Construction Type:	- <u>Andrea</u> in the second			e to surface?	1 million 1				
Drilled Driven (Sandpoint)	Dug	Did material settle after 24 hours? □Yes ☑ No □N/A If yes, was hole retopped? □Yes □No □N/A							
Other (specify):			If bentonite chips were used, were they hydrated Hyes INO N/A						
Formation Type:				g Sealing Mater					
Unconsolidated Formation			Conductor Pipe-Gravity Conductor Pipe-Pumped						
Total Well Depth From Ground Surface (ft.) Casing Diameter (in.)		Bentonite Chips) Other (Explain):							
50'	2	Sealing Mate			r				
Lower Drillhole Diameter (in.) Casing E	Depth (ft.)		ement Grout	ila wasala i	-	Slurry (11 lb./gal. wt.)			
		Sand-Cement (Concrete) Grout Bentonite-Sand Slurry " Concrete Bentonite Chips							
Was well annular space grouted? Yes				Anitoring Well L	2				
If yes, to what depth (feet)? Depth to Wate	cull change and the second	Benton	te Chips	Ве	ntonite - Ceme	nt Grout			
43 10	<u>0.</u> <i>S</i>	Granula	ar Bentonite	Manine Contraction of the second second second	entonite - Sand				
5. Material Used To Fill Well / Drillhole		From (ft.)	To (ft.)	No. Yards, Sa or Volume (circle one)	Mix Ratio or Mud Weight			
Bentonite		Surface	50	3 BAGS	5 (50#	1965)			
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6. Comments Well Removed and hole fill	ed with ben	prife,							
Well Removed and hole fill	en mint bois	Parise y	5. S. S. S. S.	\frown					
7. Supervision of Work			\square	$\sqrt{1/1}$	DNR Use (Only			
) Date Receive	ed Note	ed By			
Mark Nonweiler	10/	17/29 Iephone Num	613//	Comments					
3321 County Road A		1201 2BI	-0850	Configuents					
City State	ZIP Code 54901		Person Doing	Work	Date	Signed			
Oshkash MJ	- 54401	Mar	Kang						
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Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 or

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	Route to:				<u></u>		
Verification Only of Fill and Seal	Drinking Water	Watershed/W	astewater	Remediat	ion/Redevelopment		
	Waste Managemer	t U Other:					
1. Well Location Information		2. Facility / Owner Inf	formation				
	Hicap #	Facility Name	à	~ co	in narin		
WINNEBAGO Removed Well - B	NA		$\frac{N \alpha N}{N} $	EILER	COMPANY		
Lattitude / Longitude (Degrees and Minutes) Method	d Code (see instructions)	Facility ID (FID or PWS) チエク・Կフト	0219	80			
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X/X X SE Section Tow	Inship Range RE	Original Well Owner					
	8 N 16 HW		NWEILER	2 COM	PANY		
Well Street Address		Present Well Owner	ME				
3321 COUNT ROAD A	(MW-B)	Mailing Address of Preser					
Well City, Village or Town	Well ZIP Code			A arc			
OJHKOSH	54901	City of Present Owner	digaagaan dhalan ahaan ahaa Ahaan ahaan ahaa		IP Code		
Subdivision Name	Lot #	OSHKOSH		[L'M]	54901		
Reason For Removal From Service WI Unique Wel	I # of Replacement Well	4. Pump, Liner, Scree	n, Casing & S	ealing Materia	1		
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3. Well / Drillhole / Borehole Information		Liner(s) removed?		Lye			
X Monitoring Woll	on Date (mm/dd/yyyy)	Screen removed?		×γe			
		Casing left in place?					
Borehole / Drillhole If a Well Construct	tion Report is available,	Was casing cut off below surface?					
Construction Type:	NA	Did sealing material rise		⊠ _{Ye}			
Drilled Driven (Sandpoint)	Dug	Did material settle after 24 hours? Yes No N/A					
Other (specify):	If yes, was hole retopped? Uyes UNA If bentonite chips were used, were they hydrated with water from a known safe source?						
					<u>s LINO LIN/A</u>		
Formation Type:	Required Method of Placing Sealing Material Conductor Pipe-Gravity Conductor Pipe-Pumped						
Unconsolidated Formation Bedro	Screened & Poured Other (Evaluate)						
2 5, 5		(Bentonite Chips) Sealing Materials					
Lower Drillhole Diameter (in.) Casing	Depth (ft.)	Neat Cement Grout		Clay-Sand S	lurry (11 lb./gal. wt.)		
8 "		Sand-Cement (Conci	rete) Grout	F	and Slurry " "		
Was well annular space grouted? Yes	Concrete Bentonite Chips						
If yes, to what depth (feet)? Depth to Wat	LINo LIUnknown	For Monitoring Wells and M		-			
	5.2	Bentonite Chips		entonite - Cement			
		Granular Bentonite	No. Yards, Sa	entonite - Sand Sl	Mix Ratio or		
5. Material Used To Fill Well / Drillhole		From (ft.) To (ft.)	or Volume (circle one)	Mud Weight		
<u>Bentonite</u>		Surface 25.5	1 1/2 BHC.	5 (50#)	<u>(165)</u>		
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6. Comments	n an an a' start and						
	led with ben-	Phite,					
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7. Supervision of Work		A	14 -	DNR Use O	and the second		
	ense # Date of Fil	ing & Sealing (mm/dd/yyy)	() Date Receive	ed Noted	By		
Mark Nonweiler Street or Route		lephone Number	Comments		, 영화, 일종, 가지, 가지, 가지, 가지, 가지, 가지, 가지, 가지, 가지, 가지		
3321 County Road A		20) 231-085p			ing a start of the second s		
City State	ZIP Code	Signature of Ferson Doing	Work	Date	Signed		
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		()					