Thompson, Matthew A - DNR

From: Cota, Jennine <JCota@arcadis-us.com>
Sent: Thursday, August 17, 2006 4:55 PM

To: Gutknecht, Lisa A.

Cc: kmwinogrodzki@mmm.com; Venne (Hull), Marie

Subject: 3M Wausau

Attachments: 0608_001.pdf; 0607_001.pdf

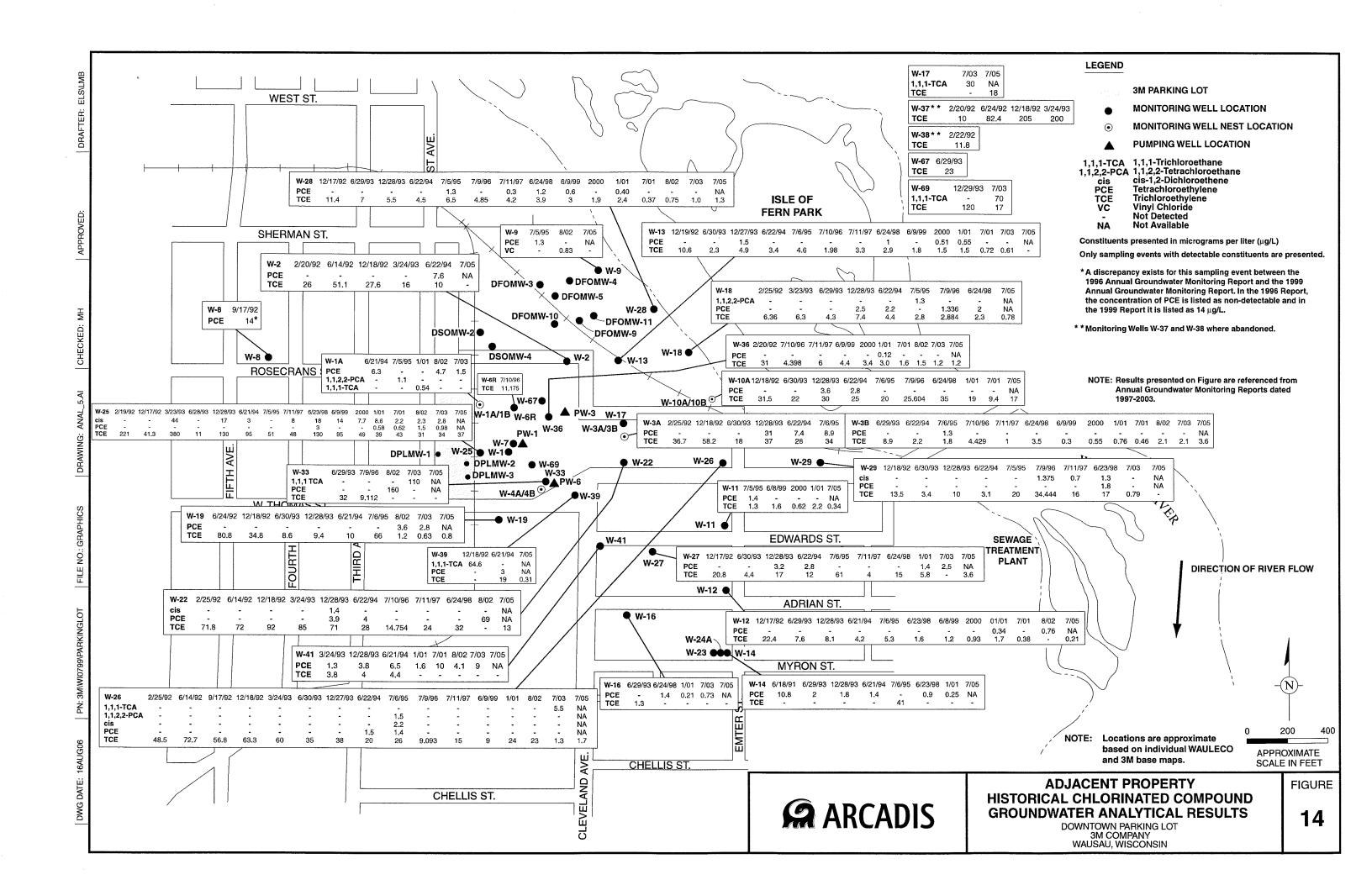
Hi Lisa,

Attached please find the revised drawing per our discussion to incorporate into the GIS packet. I have also attached the well abandonment forms for the site. As we discussed, this should be the last documentation needed to close out the site. Please let me know if there is anything additional required.

Regards, Jennine

<<0608_001.pdf>> <<0607_001.pdf>>

Jennine Cota Trask, PE Senior Engineer ARCADIS 126 North Jefferson Street Suite 400 Milwaukee, Wisconsin 53202 414-276-7742



State of Wisconsin Department of Natural Resources PO Box 7921, Madison WI 53707-7921

Well/Drillhole/Borehole Abandonment

Form 3300-005 (R 10/03)

Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and 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 forteiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Route to: Drinking Water Watersh	ed/Waste	ewater	Waste Ma	nagement	X Remedi	ation/R	Redeve	elopment _	Other:				
1. General Information					2. Facility/Owner Information								
WI Unique Well No. DNR We	County	ountv			Facility Name								
		Marathon			3M Downtown Facility								
Common Well Name		Gov't Lot # (if applicable)			Facility ID				lonitoring N	o. Ci	ty, Village or Town		
DPLMW-1										Wausau			
1/4 / 1/4 Sec	tion	Township	Range	χE									
NW SE	35	29	N 7	w	144 Rosecrans Street								
Grid Location		Present Well Owner 3M 3M 3M											
Feet N Feet	Origin		3M 3M Street Address or Route of Owner										
S		(estimated)		Well Location	1								
Latitude: DEG MIN SE	c	ongitude: DEG MIN SEC			P.O. Box 33331				State ZIP Code				
	N	w			St. Paul			MN 55133-3331					
Reason For Abandonment	WI Un	ique Well No	. of Replace	ment Well	4. Pump, Lii	reen,	Casing & Se						
Closure					Allege Tolking and Tolking		a da gradus i de	to the second section of the second	<u></u>		Van DNa VINA		
3. Well/Drillhole/Borehole Info				建筑的设 定	Pump and piping removed?								
X Monitoring Well	_	Construction	n Date		Liner(s) removed? Screen removed? Yes No X N//								
Water Well	8/	24/98		Screen rei									
Borehole/Drillhole	If a Well	Constructio	n Report i	is available,	Casing lef	t inpla	ce?			X			
Europe I	please a				Was casing cut off below surface?								
Construction Type:					Did sealing material rise to surface?								
X Drilled Driven (Sandpoin	nt)	Dug		Did material settle after 24 hours?								
Other (specify):			-		If yes, was hole retopped? Yes No N/A								
					If bentoni	te chip	s were	e used, were om a known	they	., П	Yes X No N/A		
Formation Type:								ing Sealing I		اــا ؛؛	163 [X] 10 [] 10/P		
X Unconsolidated Formation Bedrock								vity Cor		e-Pun	nped		
Total Well Depth From Groundsurface (ft.) Casing Diameter (in.)					Screened & Poured X Other (Explain): Gravity Pour								
36.45	riace (it.)	Casing Dia	ameter (in	.)	(Bento	nite Ch			er (Expiairi	, <u> </u>	137137 331		
Lower Drillhole Diameter (in.)	Casing De	Casing Depth (ft.)			Sealing Materials Neat Cement Grout Clay-Sand Slurry (11 lb./gal. wt.)								
8.3 36.45						Sand-Cement (Concrete) Grout Bentonite-Sa							
	_] _{Yes} [٦.	I		CON	crete) Grout	XBent		•		
Was well annular space grouted?	_] Unknown	Concrete A Bentonite Chips											
If yes, to what depth (feet)?	th to Water	(foot)	Bentoni				Bentonite ·		•				
ii yes, to what departreets:	oth to Water (feet) 28.39			Granular Bentonite Bentonite - Sand Slurry									
5. Material Used to Fill Well/Drill	hole	460-190			1 4 44 1 24 4 5 5	s artinarias	enskort.		Sacks Sea		Mix Ratio or		
	From (ft.)	161 a 514 b	(ft.)		e (circle on	ie)	Mud Weight						
Bentonite Chips					Surface	36.	.45	1 K	oag	···········			
6. Comments				Werte.			46		441836				
7. Supervision of Work					·····		la ta e la	16844	DNR Use C	nly	ng ang akang pantaga		
Name of Person or Firm Doing Se	aling Wo			Date of Aba	indonment	Ī	Date R	eceived	Noted	<u></u>			
Boart Longyear/ARCADIS				10/10									
Street or Route				Telephone l	Number		Comments						
126 N. Jefferson Street (4				(414)27									
City Milwaukee 3M/wi1044/wausau/graphics/logs/dplmw1.ai State VI FCode 53202					Signature of Person Doing Work Date Signed						ate Signed		

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Well/Drillhole/Borehole Abandonment

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Drinking Water Watersh	ned/Wasto	ewater Waste	e Management	X Remedi	ation/Redev	elopment _	Other:								
1. General Information		2. Facility/Owner Information													
WI Unique Well No. DNR We	ell ID No.	,		Facility Nam											
		Maratho				vn Facility									
Common Well Name		Gov't Lot # (if ap	plicable)	Facility ID	Li	cense/Permit/M	onitoring No.	1	/illage or Town						
DPLMW-3		T 10-		C	CMCH			Wa	ausau						
.	tion	1 1	ange X E	Street Addre		s Stroot									
NW SE	35	29 N	7 <u>∟</u> w	/ 144 Rosecrans Street Present Well Owner Original Well Owner											
Grid Location Feet N Feet T	- 	Local Grid Origin		3M 3				Owne	:1						
S	E U	(estimated) OR	Well Location	Street Addre	ess or Route Box 3333										
Latitude: DEG MIN SE	c	Longitude: DEG N	VIN SEC	City State					P Code						
	N		l w	1 '	nul		MN 55133-3331								
Reason For Abandonment	WIUr	ique Well No. of Rep	olacement Well	4. Pump, Li	ner, Screen,	Casing & Sea									
Closure						<u> </u>			s No X N/A						
3.Well/Drillhole/Borehole Info	<u> </u>			1	d piping ren	ioved?		∐ Ye:							
X Monitoring Well		Construction Date	9	Liner(s) re				Ye:							
Water Well	8/	/24/98		Screen re											
		Construction Rep	ort is available,	Casing lef	ft inplace?			X Ye							
	Borehole/Drillhole please attach.						Was casing cut off below surface?								
Construction Type:				Did sealing material rise to surface? XYes No N/A											
X Drilled Driven	g	Did material settle after 24 hours?													
Other (specify):		If yes, was hole retopped? Yes No N/A													
Formation Type:	If bentonite chips were used, were they hydrated with water from a known safe source? Yes X No N/A														
	Required Method of Placing Sealing Material Conductor Pipe-Gravity Conductor Pipe-Pumped														
X Unconsolidated Formation	; —	•	· =	•	•										
Total Well Depth From Groundsu 35.94	er (in.)	Screened & Poured (Bentonite Chips) Other (Explain): Gravity Pour													
Lower Drillhole Diameter (in.)	Casing Depth (f	t.)	Sealing Materials Neat Cement Grout Clay-Sand Slurry (11 lb./gal.wt.)												
8.3		1 ==		nd Slurry" "											
	_	Yes X No	Unknown			ncrete) Grout	X Bentor		·						
Was well annular space grouted?	n Concrete A Bentonite Chips For Monitoring Wells and Monitoring Well Boreholes Only:														
If yes, to what depth (feet)? Depth to Water (l	ite Chips		Bentonite - C	-	Grout						
ii yes, to what depth (leet):		•				Bentonite - S									
5. Material Used to Fill Well/Dril	lhole	29.94		From (ft.)	To (ft.)	No. Yards,	Sacks Seala	nt	Mix Ratio or Mud Weight						
Bentonite Chips		Surface	35.94	1 bac	(circle one)	3016	mud Weight								
bentonite emps				Surrece	33.74	1 Day	1								
					14 1 7 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	la late la la			eg er jæle difference i f						
6. Comments			<u>ittelak viit disk.</u>	<u>art, parta de forti</u>				<u> </u>							
7. Supervision of Work							ONR Use On	lv	and the second s						
	ealing Wo	rk	Date of Aba	endonment	Date		Noted B								
Name of Person or Firm Doing Sealing Work Boart Longyear/ARCADIS			10/10		Date	Date Received Noted E									
Street or Route				Number	Con	Comments									
126 N. Jefferson Street			(414)27		(5)1	Comments of the second									
City Milwaukee	·		Code	Signature o	f Person Do	ing Work			Signed						
BM/wi1044/wausau/graphics/logs/dplmw3	ai		53202	1 //			Ş	1 8	116106						

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Route to: Drinking Water Watersh	ned/Waste	ewater 🔲	Waste Ma	ınagement	X Remed	iation/F	Redeve	elopment [Other:					
1. General Information					2. Facility/Owner Information						nveren Soein Henne			
WI Unique Well No. DNR We	County			Facility Name										
·		Marathon			3M Downtown Facility									
Common Well Name		Gov't Lot#	(if applica	able)	Facility ID License/Permit/M			lonitoring No.	City,	Village or Town				
DPLMW-2					Wausau					ausau				
1/4 / 1/4 Sec	tion	Township	Range	XE	Street Addre									
NW SE	□w	144 Rosecrans Street												
Grid Location		Present Well Owner Original Well Owner 3M												
Feet NFeet [╗╒╠ ┈	ocal Grid Origin.												
Latitude:	Well Location	Street Address or Route of Owner P.O. Box 33331												
DEG MIN SE	Longitude: DEG MIN SEC			City			State ZIP Code							
Reason For Abandonment	NI	<u> W</u>			St. Pa			MN 55133-3331						
Closure	WIUn	ique Well No.	que Well No. of Replacement Well			ner, Sc	reen,	Casing & Sea	aling Materi	al				
3.Well/Drillhole/Borehole Info		17. 84836 H. 65,869 1090	usedwarders be	eta errogenera italia.	Pumpan	d pipin	a rem	oved?		☐ Ye	es No X N/A			
3. Well/Drilinole/Borenole Into	Acres 100 (100 ft)				Pump and piping removed? Liner(s) removed? Yes No X N/A Yes No X N/A									
X Monitoring Well	_	Construction	Date		Screen removed? Yes X No									
Water Well		24/98												
Borehole/Drillhole	If a Well please a	Construction ttach.	n Report	is available,	Was casing cut off below surface? X Yes No N/A X Yes No N/A									
Construction Type:					Did sealing material rise to surface? Did sealing material rise to surface? X Yes No N/A									
					ļ.	Did material settle after 24 hours?								
X Drilled Driven (Sandpoint) Dug					If yes, was hole retopped?									
Other (specify):					If bentonite chips were used, were they									
Formation Type:					hydrated	with w	ater fr	om a known	safe source?	Ye	s X No N/A			
		□ Podrock						ing Sealing A						
X Unconsolidated Formation Bedrock					1 =	•		ıvity 💹 Cor	•					
Total Well Depth From Groundsurface (ft.) Casing Diameter (ir 35.97				1.)	Screened & Poured (Bentonite Chips) Screened & Poured (Explain): Gravity Pour									
Lower Drillhole Diameter (in.)		Casing Depth (ft.)			Sealing Ma				Clav-9	and St	urry (11 lb /gal wt)			
8.3	35.9	35.97			Neat Cement Grout Clay-Sand Slurry (11 lb./gal. wt.) Sand-Cement (Concrete) Grout Bentonite-Sand Slurry "									
							(Con	crete) Grout			•			
Was well annular space grouted?				Unknown	Concrete X Bentonite Chips For Monitoring Wells and Monitoring Well Boreholes Only:									
				Bentonite Chips Bentonite - Cement Grout					•	. Curus				
If yes, to what depth (feet)?		oth to Water (feet) 30.29												
	Granular Bentonite					Bentonite - Sand Slurry								
5. Material Used to Fill Well/Dril	lhole				From (ft.)	То	(ft.)		Sacks Seala e (circle one		Mix Ratio or Mud Weight			
Bentonite Chips					Surface	35.	97	1 ba	g					
						<u> </u>								
				······		<u> </u>								
6. Comments	159		7/2/5/2	<u> </u>	<u> </u>				<u>adabit</u>	946				
7. Supervision of Work	+21	gun diliyedi.	ik com			ej esji.	ile ji	in a series of a	DNR Use Or	ly ::				
				Date of Aba		T I	Date R	Received	Noted E	у				
Boart Longyear/ARCADIS				10/10						Kiese Gháy				
Street or Route				Telephone I	lumber		Comi	ments						
126 N. Jefferson Street			~~~~	(414)27										
City Milwaukee State ZIP Code 3M/wi1044/wausau/graphics/logs/dplmw2.ai State WI 532					Signature o	Signature of Person Doing Work					Signed 2/16/06			