Project #2330610 July 2, 2002

# ENVIRONMENTAL CONTRACT DRILLING SERVICES ABBOTSFORD PCE INVESTIGATION ABBOTSFORD, WISCONSIN

MAXIM #2330610

#### From:

Maxim Technologies, Inc.® 1837 County Highway J Chippewa Falls, WI 54729-6519

Requested by:

Mr. John Grump Wisconsin Department of Natural Resources West Central Region 1300 W. Clairemont Avenue Eau Claire, WI 54702

1837 County Highway J • Chippewa Falls, WI • Telephone: 715/832-0282 • Fax: 715/832-0541

Technologies, Inc. ®

July 2, 2002

**WDNR** 

West Central Region

Attn: Mr. John Grump

1300 W. Clairemont Avenue

Eau Claire, WI 54702

Subj:

**Environmental Contract Drilling Services** 

Abbotsford PCE Investigation

Abbotsford, Wisconsin MAXIM Project # 2330610

WDNR PO #NGB00000212

Dear Mr. Grump:

Per your request, we have conducted an environmental subsurface exploration, piezometer and

well installation program for the above referenced project. We are sending you three copies of

this report. This work was performed in accordance with your acceptance of our March 28,

2002, proposal (#P2331227).

This report includes the results of our subsurface drilling, and the piezometer and well

installation program, performed both in the alley located just east of the former dry cleaners, and

on the east and west sides of the existing Abbotsford Landfill, in Abbotsford, WI.

Between June 3 and 7, 2002, seven environmental soil borings were performed under your

direction to depths ranging from 17 feet to 39 feet below the existing ground surface. Three

schedule 40 PVC monitoring wells and four piezometers were installed within the seven

boreholes. Please see the attached figures showing the relative locations of the wells and

1837 County Highway J • Chippewa Falls, WI • Telephone: 715/832-0282 • Fax: 715/832-0541

Project #2330610 July 2, 2002

piezometers, the individual soil boring logs, well and piezometer construction forms, the well

development forms, and the daily field activity logs located in the Appendix.

The soil information provided is based on the subsurface conditions found at the test boring

locations. It is possible that there are soil or groundwater conditions on this project that were not

represented by these borings. The soil sample obtained in the field will be retained at our office

for a period of one month, and will then be discarded. The waste soil and water left on-site in

drums and on plastic will be properly handled upon review of your chemical analysis.

We appreciate the opportunity to be of service to you on this project. If you have any questions

concerning this report, or if we can be of further assistance as this project develops, please

contact our office at (715) 832-0282.

Sincerely,

MAXIM TECHNOLOGIES, INC.®

Eric P. Oleson

Senior Applied Scientist

Environmental Department Manager

Gregory J. Stelmack

Geotechnical Services Manager of Western Wisconsin

Chippewa Falls Office Manager

GJS/bjk

Project #2330610 July 2, 2002

# **APPENDIX**

### FIELD EXPLORATION PROCEDURES

**BORING LOCATION FIGURES** 

LOGS OF ENVIRONMENTAL SOIL BORINGS

MONITORING WELL AND PIEZOMETER CONSTRUCTION FORMS

WELL DEVELOPMENT FORMS

DAILY FIELD ACTIVITY LOGS

1837 County Highway J • Chippewa Falls, WI • Telephone: 715/832-0282 • Fax: 715/832-0541

Project #2330610 July 2, 2002

### FIELD EXPLORATION PROCEDURES

Project #2330610 July 2, 2002

FIELD EXPLORATION PROCEDURES

Soil Sampling

Soil sampling was performed in accordance with ASTM D1586-84. Using this procedure, 2"

and 3" O.D. split barrel samplers are driven into the soil by a 140-lb. weight falling 30". If thin

wall tube samples were obtained, the samples were taken according to ASTM D1578-83 where

indicated by the appropriate symbol on the boring logs. Rock core samples, if taken, were

obtained by rotary drilling in accordance with ASTM D2113-87. Power auger borings, if

performed, were done in general accordance with ASTM D1452-90.

**Soil Classification** 

As the soil samples were obtained in the field, they were visually and manually classified by the

on-site professional geologist in accordance with ASTM D2487. Representative portions of the

soil samples were then returned to the laboratory for further examination, and for verification of

the field classification. Logs of the borings, indicating the depth and identification of the various

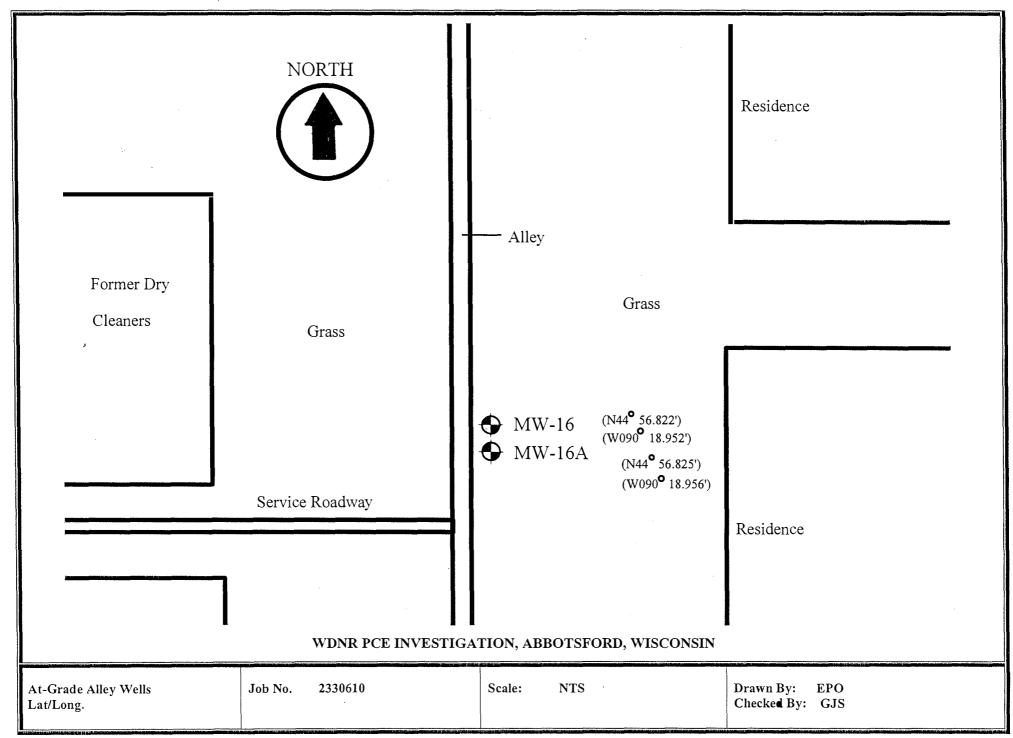
strata, water level information, and pertinent information regarding the method of maintaining

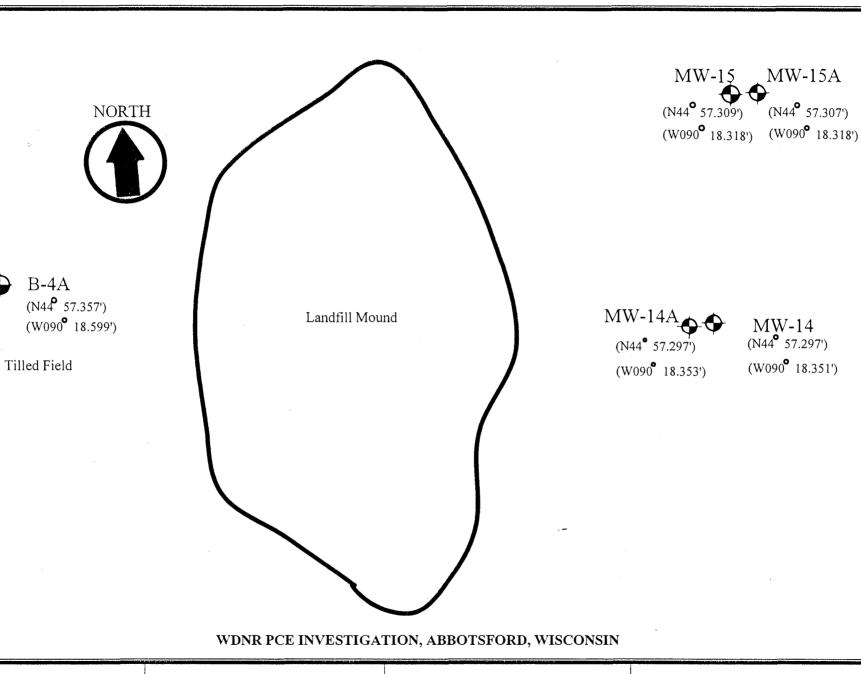
and advancing the drill holes, are attached.

1837 County Highway J • Chippewa Falls, WI • Telephone: 715/832-0282 • Fax: 715/832-0541

Project #2330610 July 2, 2002

### **BORING LOCATION FIGURES**





Landfill Wells Lat/Long.

Job No.

2330610

Scale:

NTS

Drawn By: EPO Checked By: GJS

Project #2330610 July 2, 2002

## LOGS OF ENVIRONMENTAL **SOIL BORINGS**

1837 County Highway J • Chippewa Falls, WI • Telephone: 715/832-0282 • Fax: 715/832-0541

State of Wisconsin Route To: SOIL BORING LOG INFORMATION Department of Natural Resources Solid Waste Haz. Waste Form 4400-122 7-91											MATION 7-91				
Бераг	illelli o	i Natui	iai Kest			Haz. Waste Form 4400-122 Underground Tanks									
				<u> </u>		ater Reso									
E-ailie	y/Proje	-+ N			Ot	her License/I	Dommit /N	(anitani	. ~ N		Doning	Pag Numb	-	. of	1
	-			TIGATION;		Licelise/I	· ·	IOIIIIOIII	ig ivui	iluei	B-4/	-	161		
				me and name of crew chief)		Date Dril	ling Sta	rted	Dat	e Drillii	1		Dril	ing M	ethod
Max	kim Te	echno	logies	, Inc./Eric Anderson			6/6/02	)		6	/6/02		HS	Δ	
		*****	v 1 + 1 hrec	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		D: 10:						- 13			
DNK	acuity	Weni	NO.:   W	F.Unique: Well: No Common Well Nam B-4A	ie .	Final Sta	tic wate: 4.1 Fee			face Ele ·06.1		1	30reno	ole Dia	
Boring	Locati	<del>∷</del> :: on	<u> </u>	proproduction D-4A		1336				al Grid		on (If a	pplica		Theres
State				N, E s/c/r	N	Lat	0 ' '					N			□Е
SW		of NE	E 1/	4 of Section 31 T 29NN,R 2E		Long	0 1 1				et 🗌	S		Feet	□ W
County MA	RATI	ION		37	R Cour	nty Code		Fown/C BOTSF							
San	ıple										Soi	l Prope	rties		
		ಭ	eet	Soil/Rock Description						.					
L	(in) red	Blow Counts	Depth In Feet	And Geologic Origin For		S		я	Ω	d tion	9				nts
Number	gth	S (	th I	Each Major Unit		U U	phic	.l grai	PID/FID	ndar	istu	nid ii	tic	ء ا ن	
Nur	Length (in) Recovered	Blo	Dep			U S	Graphic Log	Well Diagram	PID	Standard Penetration	Moisture Content	Liquid	Plastic I imit	P 200	RQD/ Comments
			E	TOPSOIL (18")			2000								
1	20	10	- 2.5	SILTY CLAY, trace sand and gr		CL ML				10	Ì				
2	24	7	<del>-3.5</del>	brown, moist, rather stiff to med (CL-ML)	ıum	MIL				7					
3	8	13	<del>-</del> 7.0	(CE ME)						13					
4	5	13	F 7.0							13					
5	4	7	E 10.5	1 :						7					
		3	- 10.5		1	CL		¥		3					
6	24		F -14.0	SILTY CLAY, trace sand and gr reddish brown, moist to wet, very		- ML				3					
7	24	Push	E	\soft (CL-ML)	,	/ CL									
8	24	13	- -17.5	\SILTY CLAY, brown, wet (CL-)		$\int \int \frac{ML}{CL}$				13					
9	24	9	E	SILTY CLAY WITH SAND, bro	own,	ML				9					
			-21.0	wet, rather stiff (CL-ML)						ĺ					
			Ē												
10	24	28	_24.5	SILTY CLAY, brown and gray		CL				28					
			-	mottled, wet, stiff (CL-ML)		ML									
11	24	36	-28.0	SILTY CLAY, trace sand and gray, wet, very stiff (CL-ML)	avel,	CL ML				36					
12	16	33		gray, wet, very suit (CL-ML)		1,12				33					
			-31.5												
13	8	50/.2		CII TV CI AV moddish hagyrm yr						•					
13 -	0	50.2	<del>35.0</del>	SILTY CLAY, reddish brown, w very stiff (CL-ML)	eι,	/ ML									
	.			End of Boring @ 35' on Weather	ered	J									
				Sandstone								-			
I hereb	y certif	y that t	he info	rmation on this form is true and correct to the	he bes	t of my k	nowledg	<u>ı                                      </u>		<u> </u>	1	3	1	1	
Signatu						rm		n Tecl	າກດໄດ	gies I	nc.				
							4649 <b>J</b> c	oles Ave	. Chip	pewa F	alls, W				
This fo	<del></del>	<del></del>		No. 2 144 147 and 162 Win Comp. Com	_		1el: 71	5-832-0	282,	rax: 71	D-832-	U541	<del></del>		

	of Wisc		1.0		e To:										OG INI	FORM	ATION
Depar	tment o	f Natur	al Reso	<del></del>	olid Waste mergency Resp		Haz. Waste Form 4400-122 Underground Tanks										7-91
					linergency Kesp Vastewater			Resou		•							
				<u> </u>			Other							Pag	_	of	1
	ty/Proje						Lic	ense/P	ermit/N	<b>I</b> onitori	ng Nur	nber	1	g Numb	er		
				TIGATION;									MW		- · · · ·		
	-			me and name of cre , Inc./Eric And			Dat	e Drill	ing Sta	rted	Dat	e Drillii	ng Com	pleted	Drilli	ng Met	thod
IVI a.	XIIII 10	ecinio.	iogies	, IIIC./EIIC AIIG	21 8011				6/5/02	2		6	/5/02		HSA	k.	
DNR:	Facility	:Well:N	lġ∷¦W	I:Unique:Well:No::		ell Name	Fina	al Stati	c Wate	r Level	Sur	face Ele	vation	I	 Borehol	e Dian	neter
					MW-14			1391	.2 Fee	et	14	01.7	Feet			8"	Inches
	g Locati	on			N. E		<u>'</u>	T	0 ! !	11	Loc	al Grid	Locatio	n (If a	plicab	le)	
State			,	21	N, E	S/C/N		Lat	0 ! !			_					□ E
SW Count		of NE	1/	4 of Section 31	т 29Nn,r	DNR Co		Long		· Γown/C	itu/ or		et 🗌	S		Feet	□ w
	y .RATI	HON				37	unty	Code		OTSF							
	nple		T						-				Soil	Prope	rties		
			<del> </del>	Co.i1/T	Look Dogorin	tion											-1
	G p	Blow Counts	Feet		Rock Descrip ologic Origin							u C					S
er	h (i rere	Col	ם		ch Major Un			S	ic	am	J.	ard	ure	_	O		nen
Number	Length (in) Recovered	wo	Depth In	La	ai Major Oil	11		SC	aph	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
$oxed{\tilde{z}}$	178	Bl	Ä					'n	<u> </u>	βÄ	PI	P S	Σŭ	<u>                                     </u>		ام	<u> </u>
			E	BLIND DRIL	LTO 6												
			- -3.5														
			Ē	. 100								:					
1	20		- -7.0	SILTY CLAY	WITH SAN	ND, brown	1,	CL									
2	18			moist to wet (	CL-ML)			ML									
I.			□ 10.5	BLIND DRIL	I TO 18'				KZILI	: <b>2</b> :1							
			-														
			_ —14.0														
	:		- :														
			_ —17.5														
			2,10	End o	of Boring @	18'											
															ļ		
										ĺ							
												i					
I hereb	y certify	that th	ne infor	mation on this form	is true and cor	rect to the be	est of	my kn	ı ıowledg	e.					1		1
Signatu							Firm			n Tecl	າກດໄດ	gies I	nc				
									4649 <b>J</b> c	les Ave	. Chip	pewa Fa	alls, W				
				and the second s						5-832-0							
This fo	rm is au	ıthorize	d by C	hapters 144, 147 an	d 162, Wis. Sta	ts. Complet	ion o	f this r	eport is	manda	tory. l	Penaltie	s: Forfe	eit not l	less tha	n \$10	nor

	State of Wisconsin Route To: SOIL BORING LOG INFORMATION Department of Natural Resources Solid Waste Haz. Waste Form 4400-122 7-91														
Depai	tment (	n Natu	rai Reso			z. Waste dergroun	d Tanke			For	m 4400	-122			7-91
						ter Reso									
					Oth							Pag	-	of	1
	ty/Proje			ITTLG A TOO Y	I	icense/P	ermit/M	lonitori	ng Nur	nber	1	g Numb	er		
				TIGATION;	-	D. (1	L' C	. 1	ID.	D :11:	1	-14A	(D. 111		4 . 1
				me and name of crew chief) s, Inc./Eric Anderson	L	Date Dril	•		Date	e Drillii		pleted		ing Me	ethod
IVI a.	AIIII I	ccinio	nogics	, me./Eric Anderson			6/5/02			6	/5/02		HSA	4	
DNR	Facility	:Well l	Vo.∵W	T:Unique:Well:No::::: Common Well Name	F	inal Stat				face Ele		E	oreho	le Diar	
200000				MW-14A		1392	2.2 Fee	t		01.7					Inches
State	Locati	ion		N, E S/C/N		Lat	0 ' '	1	Loc	al Grid		-	plicat	ile)	
SW		of NI	Ξ 1/	4 of Section 31 T 29NN,R 2E		Long	0 1 1	ı		Fe	et 🗌	N S		Feet	<ul><li>□ E</li><li>□ W</li></ul>
Count		ION		DNR Co	ount	ty Code				Village					
	RATI	10N	1	37		-	ABB	OTSF	OKD	1	Soi	l Prope	rties		1
											]		lics	$\Box$	
	<u> </u>	Counts	Feet	Soil/Rock Description						=					
E	ı (in) ered		Ē	And Geologic Origin For		S	ျှ	層		rd at io	it te				ent
Number	Length (in) Recovered	Blow (	Depth In	Each Major Unit		SC	Graphic Log	.11 agra	PID/FID	nda	nter nter	Liquid Limit	Plastic Limit	200	RQD/ Comments
N	Le	Blc	De	14.00		n	2 3	Well Diagram	IId	Standard Penetration	Moisture Content	Lic	Pla	P 2	RQ
			-	TOPSOIL (48")											
1	3	18	-3.5				2000			18					
2	24	13	F 3.5	SILTY CLAY, trace sand and grave	el,	CL				13		·			
3	14	18	F 7.0	brown, moist, rather stiff to stiff		ML				18	Í		Í		
4	14	11	F '	CL-ML) 8" LAYER OF SAND @ 7.2'		CL				11					
<b>I</b>		12	10.5			ML		<b>¥</b>							
5	16	23	- 10.5	gravel, layers of sand, brown, moist	t,	/ SP				12					
6	16		[	rather stiff (CL-ML)		/   SP				23					
7	24	Push	_	SAND WITH LAYERS OF SILTY CLAY, fine to coarse grained,						20					
8	24	17	_ 17.5	brown, moist, dense (SP)						17					
9	12	14		SILTY CLAY, wace sand and grave	el,	CL				14					
			-21.0	gray and brown, moist to wet, rather	r	ML									
				stiff to stiff (CL-ML)						 			J		
10	18	26	_ 24.5			1				26					
	10		- 1							20					
			- -28.0										ı		
11	20	26	- 20.0							26				-	
			_ —31.5							-					
			F 31.5												
12	13	68/.6	_ 35.0												
			_ 55.0	Auger Refusal @ 36' on Weathered		-	K214	·B·							
				Granite				}							
	İ														
I hereb	y certif	y that t	he info	rmation on this form is true and correct to the b	est	of my kr	owledge	e. '			<b>!</b>	<b>'</b>			
Signatu	re				Fir		Maxin								
							4649 <b>J</b> o Tel: 715								
			~	N 444 445 1460 YY 6				. 032-0	202,	<u> </u>	5 052-0				

State of Wisconsin Route To: Department of Natural Resources Solid Waste									SOIL BORING LOG INFORMATION ☐ Haz. Waste Form 4400-122 7-91								TION 7-91
•				☐ Eme	rgency Respon	ise 🗌 U	Underground Tanks										7 71
				☐ Was	tewater		Vater Other	Resou	irces					Pag	, 1	of	1
Facilit	y/Proje	ct Nam	ne .						ermit/M	Ionitorii	ng Nur	nber	Boring	Numb		OI .	
				TIGATION;									MW				
_				me and name of crew c			Dat	e Drill	ing Sta	rted	Date	e Drillir	ng Com	pleted	Drillin	g Metl	od
Max	kim T	echno	logies	, Inc./Eric Anders	on			(	6/6/02	2		6	/6/02		HSA		
DNR	Facility	Well1	voW	I Unique Well No.		l Name			c Wate			ace Ele		В	orehole		eter
					MW-15			1380	.1 Fee	et	- 1	90.6		4.5			nches
State 1	g Locati Plane	on		•	N, E 5	S/C/N	-1	Lat	0 1 1	f	Loc	al Grid		on (It ap N	plicabl		∃E
SW		of NE	E 1/4		T 29Nn,r 2		L	ong	0 1 1	•		Fe	et 🗌		]	Feet [	
County M A	y RATI	ION				DNR Cou	inty (	Code		Fown/Ci							
	nple	1011				137			7 100		ORD		Soil	Prope	ties		
	<u>.</u>			Coil/Dos	le Daganimeti.												
	ਰੂਜ਼	unts	Fee		k Description							ļ Ę					ts
Jer.	th (i	S	l In		Major Unit	101		CS	)ic	ur.	FID	ard ratio	fure	p.	၁		/ nen
Number	Length (in) Recovered	Blow Counts	Depth In Feet	Buch	major omi			S	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
	니 지 점	<u>B</u>	Ω	TOPSOIL (18")				ר	2	ÞΩ	<u> </u>	N G	<u>  &gt; 0</u>	בנב	P	Ъ	<u> </u>
			-	SILTY CLAY V	VITH GRAV	VFI.		CL									
1	24	Push	-3.5	AND SAND, br			)	ML									
1			-					~-									
2	24	Push	-7.0	SILTY CLAY, the SILTY CLAY, th		and sand	, ,	CL ML									
3	24	4	E	SILTY CLAY t		nd gravel	-/	CL						]			
4	24	5	-10.5	brown, wet, soft			,	ML									
5	24	18	E														
-			14.0														
			-														
			1	End of I	Boring @ 17	7'											
							ĺ										
										00000					1		
	1																
		Maddeline															
I hereb	y certify	that t	he infor	mation on this form is	true and corre	ct to the be	st of	my kn	owledg	e.		<u> </u>		ı [			
Signatu							irm			n Tech	nolo	gies, I	nc.				
								4	4649 <b>J</b> c	les Ave	. Chip	pewa Fa	alls, W	I.			
									161: /1:	5-832-02	۷٥۷,	rax: /l	J-83Z-(	J341			

	of Wisc		ral Reso	Route To:  Ources Solid Waste	□ 11.	oz Weste							OG IN	FORM	ATION 7-91
Бераг	tillellt 0	i ivatu	iai Rese	Emergency Response		Underground Tanks									
				☐ Wastewater		ater Reso	urces					Pa	<sub>70</sub> 1	of	1
Facilit	y/Proje	ct Nan	ne .		Ot	ner License/I	ermit/M	Ionitori	ng Nui	nber	Boring	y Numb	_	- 01	1
				STIGATION;								-15A			
				me and name of crew chief) s, Inc./Eric Anderson		Date Dril	_		Dat	e Drillii	_	pleted	Drilli	_	thod
IVI a	XIIII I	ccino	logics	, Inc./Effe Anderson			6/6/02	2		6	/6/02		HSA	7	
DNR:	Facility	Well 1	Vo.: W	I Unique Well: No Common Well Nan	ne	Final Star				face Ele		Į I	Borehol		
Boring	Locati	On		MW-15A		138.	3.6 Fee	et		90.6 al Grid		on (If a	nnlicah		Inches
State 1		OII		N, E S/C/	N	Lat	0 1 1			ui Griu			ррпоцо		□ E
SW		of NE	E 1/	4 of Section 31 T 29NN,R 2E	D. C.	Long	0 1 1		. ,		et 🗌	S		Feet	□ W
County MA	y RATI	HON		37		nty Code		OTSF		Village )					
San	nple										Soi	l Prope	rties	T	
		ıts	eet	Soil/Rock Description						"					
Ħ	ı (in	Cour	In F	And Geologic Origin For		S	.2	l E		rd ation	ıre				ents
Number	Length (in) Recovered	Blow Counts	Depth In Feet	Each Major Unit		SC	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
_ź_	2 %	BI	Ď	DIAD DRILL TO 101		Þ	<u> 53</u>		PI	St. Pe	∑ <u>ŏ</u>	<u> ;;;</u>		<u>d</u>	<u>%</u> \( \)
			E	BLIND DRILL TO 19'											
			3.5	The second secon											
			Ė												
			7.0 _					<b>T</b>							
			- 10.5												
			F 10.3												
			- -14.0												
			F									**************************************			
			17.5												
1	24	36	Ė	SILTY CLAY, brown, wet, very	y stiff					36					
_			<u></u> −21.0	(CL-ML)		ML									
2	0	34	_ —24.5							34					
2										34					
3	8	50/.5	_28.0												
				End of Boring @ 29'											
			<u> </u>				<u>                                     </u>							<u> </u>	
I hereb		y that t	he info	rmation on this form is true and correct to t		it of my k									
Jigiialu	110						Maxir 4649 Jo					I.			
							Tel: 71								

	of Wisc		ral Reso	Route To:  Durces Solid Waste	Цэл	. Waste					L BOR m 4400		)G INF	ORM	ATION 7-91
Dopui	unem o	. I vaca	iui itoo			. wasie lergroun		1		FUI	III 440C	J-122			7-91
						er Reso	urces					D	1	-6	1
Facili	y/Proje	ct Nan	ne		Othe		ermit/M	Ionitorin	g Nur	nber	Boring	Pag Numb	•	of	1
WD	NR P	CE II	NVES	TIGATION;					Ü		MW				
				me and name of crew chief)	D	ate Drill	ling Star	ted	Date	e Drillii	ng Com	pleted	Drillir	ıg Me	thod
Ma	xım Te	echno	logies	, Inc./Eric Anderson			6/3/02			6.	/3/02		HSA		
DNR	Facility	Well 1	Vo.∷W	F.Unique: Well: No Common Well Name  MW-16	Fi	inal Stat	ic Water		ı	ace Ele		В	orehole		neter Inches
Boring	Locati	on	·····:	<u> </u>		1391						on (If ap	plicabl		Hiches
State		~		N, E s/c/n		Lat	0 ! !!								□ E
SW Count		of SV	V 1/4	4 of Section 31 T 29NN,R 2E   DNR C	ount	Long	0 ' ''	own/Ci	tylor		et 🗌	S		Feet	□ W
MA	RATI	ION		37	ount	y Code		OTSF							
Sample										<u> </u>	Soi	l Propei	ties	1	
		ıts	eet	Soil/Rock Description						-					
H	i (in ered	Cour	In F	And Geologic Origin For		S	ပ	E		rd ation	ire It				ents
Number	Length (in) Recovered	Blow Counts	Depth In Feet	Each Major Unit		SC	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
_ <u>z</u> _	Re	Ble	<u> </u>			Þ	Grap	N C	PI	Sts.	కర	<u>                                     </u>	<u> </u>	Д	≥°3
			E	TOPSOIL (12")	1	CI	200								
, .	10	9	-2	SILTY CLAY, trace sand and grave brown and gray mottled, moist, rath		CL ML				9					
1	18	,	_	stiff (CL-ML)						9					
2	12	8	-4							8					
ſ				LAYER OF GRAVEL @ 5'	,	CL									
3	20	12	<del>-</del> 6	SILTY CLAY WITH SAND, trace		ML				12					
ı			E	gravel, reddish brown, moist to wet rather stiff (CL-ML)	t, /	CL ML									
4	8	19	<del>-</del> 8	SILTY CLAY, trace sand and grave	el.	ML				19					
			_ 10	dark brown, wet, rather stiff	,										
5	24	12	- 10	(CL-ML)		CL ML				12					
		35		SILT, brown, wet, dense (ML) SILTY CLAY, trace sand and grave		I THE				2.5					
6	24	33		brown, wet, rather stiff to very stiff						35					
7	24	31	- 14	(CL-ML) ∖LAYER OF SAND @ 11.5'		CL				31					
<i>'</i>	24		-	SILTY CLAY, trace sand and grave	/ el	ML				31					
8	24	14	-16	brown, wet, stiff to rather stiff	<b>C1</b> ,					14					
				(CL-ML)											
■			-18												
				End of Boring @ 19'		1									
												400000000000000000000000000000000000000			
								1							
														1	
							-							1	
I hereb	y certify	that t	he infor	rmation on this form is true and correct to the b	best o	of my kr	nowledge	e		'					
Signatu	ire				Firn			n Tech							
								les Ave. 5-832-02							

State of Wisconsin Route To: SOIL BORING LOG INFORMATION Department of Natural Resources Solid Waste Haz. Waste Form 4400-122 7-91															
Depai	uneni c	n natu	iai Resc			. Waste erground	d Tanks			For	m 4400	-122			7-91
				☐ Wastewater ☐	☐ Wat	er Resou							_		_
Eacili	ty/Proje	act Man	10		Othe	er icense/Pe	ormit/M	lonitorir	o Nur	nhor	Porine	Pag Numb	,	of	1
	-			TIGATION;	L	icense/P	ermit/ivi	iomiom	ig Nui	illei	MW		er		
				me and name of crew chief)	D	ate Drill	ing Star	ted	Date	Drillir			Drillin	ig Met	hod
Max	xim T	echno	logies	, Inc./Eric Anderson	-		6/4/02				/4/02	-	HSA		
T\X?T\*	m::::::	-XX7-17 X		THE THE TAX TO THE TAX		nal Stati						In			
DANK.	raciniy	wen i	NO. W	T.Unique: Well: No   Common Well Name   MW-16A	Fi		c water .7 Fee			ace Ele 03.7		В	Sorehole		leter Inches
Boring	Locati	ion	::::::: <u>:</u> ::	m w-10A	1	1390			1			n (If ap	plicabl		inches
State	Plane			N, E s/c/n		Lat	0 1 11					N			□ E
SW		of SV	V 1/4	4 of Section 31 T 29NN,R 2E		Long	0 1 11		<u> </u>		et 🗌	S		Feet	□ w
Count	y RATI	HON		37	County	y Code		Town/Ci OTSF							
Sar	nple										Soil	Proper	rties		
		ς.	ಕ	Soil/Rock Description											
	(in)	June	ı Fe	And Geologic Origin For						ion	a)				nts
ıber	gth	Ŭ	th Ir	Each Major Unit		CS	hic	ram	/FII	dare	stur	id it	it ic	0	)/ Ime
Number	Length (in Recovered	Blow Counts	Depth In Feet	·		S O	Grag Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
			<u> </u>	BLIND DRILL TO 10'		-	-			0,7					
			E												
			<b>−3.5</b>												
			- 7.0					Ţ							
			<del></del> 7.0												
1	24	13	10.5	SILTY CLAY, trace sand and grav	1	CL				13				ĺ	
1	24		- 10.5	brown, wet, rather stiff (CL-ML)	vei,	ML				13					
			- -14.0												
			E												
			- -17.5												
2	3	100/.5		SANDSTONE, whitish brown, mo	nict	_								İ	
3	2	50/.3	-21.0		nsı										
			F 1												
4 ■	5	100/.8	-24.5				莹								
			-												
			28.0												
5	2	75/.2					臺								
			<del>-31.5</del>												
6 <b>L</b>	10	75/.4													***************************************
U <b>=</b>	10		-35.0 [				=							ı	
			- 20.5												
7	0		38.5	Auger Refusal @ 39'		_	<del></del>								
I hereby	y certify	y that t	he infor	rmation on this form is true and correct to the	best c	of my kn	owledge	e.		- 1		1	1		
Signatu	re				Firn			n Tech							
								les Ave. 5-832-02							
								052-02	.02,	. a.r. / I	J 0J2-(	J 11			

Project #2330610 July 2, 2002

# MONITORING WELL AND PIEZOMETER CONSTRUCTION FORMS

1837 County Highway J • Chippewa Falls, WI • Telephone: 715/832-0282 • Fax: 715/832-0541



# SUMMARY OF WELL AND PIEZOMETER ELEVATION DATA ABBOTSFORD PCE INVESTIGATION ABBOTSFORD, WI MAXIM # 2330610

WELL NO.	DATE OF	TOP OF GROUND	TOP OF PVC
	SURVEY	ELEVATION	ELEVATION
,			
B-4A	6/18/02	1406.06	1408.76
MW-14	6/18/02	1401.74	1404.54
MW-14A	6/18/02	1401.7	1404.31
MW-15	6/18/02	1390.57	1393.17
MW-15A	6/18/02	1390.61	1393.83
MW-16	6/18/02	1403.85	1403.55
MW-16A	6/18/02	1403.66	1403.32

<sup>&</sup>quot;Providing Cost-Effective Solutions to Clients Nationwide"

State of Wisconsin Route to	<u>o</u> : Watershed/wastewater □ Waste Management I		MONITORING W	ELL CONSTRUCTION
Department of Natural Resources	Remediation/Redevelopment □ Other □		Similar to Form	4400-113A Rev 7-98
Facility/Project Name		LN LE.	Well Name	
WDNR PCE Investigation	п. п	□ S ft. □ W.	B-4A	
Facility License, Permit or Monitoring Number	Local Grid Origin □ (estimated: □) or Well	Location	Wis. Unique Well No.	DNR Well ID No.
Facility ID	Lat ' Long ' or		Date Well Installed	06/06/02
	St. Plane ft. N ft. E. S/C/N			m  m  d  d  y  y  y  y
Type of Well	Section Location of Waste/Source	■ E.	Well Installed By: Name	(first, last) and Firm
Well Code/	<u>SW</u> 1/4 of <u>NE</u> 1/4 of Sec. 31, T. <u>29</u> N, R. <u>2</u>	□ W.	Eric Anderson	
Distance Well is From Waste/ Enf. Stds.	Location of Well Relative to Waste/Source	Gov. Lot Number	Maxim Technologies, In	<u>c.</u>
Sourceft. Apply □	u □ Upgradient s □ Sidegradient d □ Downgradient n □ Not Known			
A. Protective pipe, top elevation	ft. MSL	1. Cap an		■ Yes □ No
B. Well casing, top elevation	1408.7.6.ft. MSL	* > /	ive cover pipe: diameter:	4 <u>0</u> _in.
b. Well casing, top elevation		b. Lengt		
C. Land surface elevation	1406.05 ft. MSL	c. Mater		Steel■ 04
				Other □
D. Surface seal, bottom ft. MSL or _	0.0 ft.	d. Addit	ional protection?	■ Yes □ No
	- THIP	If yes,	describe: 3 steel bumper	posts
12. USCS classification of soil near screen:		3. Surface	seal:	Bentonite ■ 30
GP□ GM□ GC□ GW□ SW□ SP□				Concrete □ 01
SM□ SC□ ML□ MH□ CL■ CH□	] [	<u> </u>		Other 🗆 🗆
Bedrock □		4. Materia	l between well casing and	protective pipe:
				Bentonite □ 30
13. Sieve analysis performed? ☐ Yes ■ N	0	_		Other 🗆
14. Drilling method used:	Rotary □ 50	5. Annula	r space seal:	a. Granular Bentonite ■ 33
Holl	ow Stem Auger ■ 41	b 11	os/gal mud weight	Bentonite-sand slurry $\square$ 35
4 1/4	Other 🗆	c 11	os/gal mud weight	Bentonite slurry □ 31
15. Drilling fluid used: Water □ 02	Air □ 01	d%	Bentonite	Bentonite-cement grout ☐ 50
Drilling Mud □ 03 N	None■ 99		1	
			bs_Ft <sup>3</sup> volume added f or an	
16. Drilling additives used? ☐ Yes ■ No		f. How	installed	Tremie 01
Describe				Tremie pumped □ 02
		( B	. •	Gravity □ 08
17. Source of water (attach analysis, if required):		6. Bentoni		a. Bentonite granules   33
			in. □3/8 in. ■1/2 in.	Bentonite chips □ 32
E Denterite and the	ft. MSL or <u>25.0</u> ft.	c. <u>Pell</u>	ets nd material: Mfr, product r	Other ■
E. Bentonite seal, top	II. M.S.L or <u>2.5. υ</u> π.		Flint 45-55mm	iame & mesn size
F. Fine sand, top	t. MSL or _ <u>2 7</u> . <u>0</u> ft.		meadded 25 lbs	ft <sup>3</sup>
			ack material: Mfr, product	
G. Filter pack, top . ft. M	ASL or <u>2</u> 8 . <u>0</u> ft.		Flint #30	
A / A and the rate and the		•	me added <u>100 lbs</u> ft <sup>3</sup>	SASSMINS
H. Screen joint, top ft. M	MSL or <u>3 0</u> . <u>0</u> ft.	9. Well ca	sing: Flush thre	aded PVC schedule 40 ■ 23
•			Flush threa	aded PVC schedule 80 □ 24
I. Well bottom ft. M	ASL or <u>3 5</u> . <u>0</u> ft.			Other 🗆
	<b>│                                    </b>	10. Screen	material: <u>PVC</u>	
J. Filter pack, bottom	ASL or 3 5 0 ft.	a. Scree	n type:	Factory cut ■ 11
				Continuous slot □ 01
K. Borehole, bottom	ASL or <u>3 5</u> . <u>0</u> ft.			Other 🗆
			facturer <u>Diedrich</u>	
L. Borehole, diameter8 . <u>0</u> in.		c. Slot s		0. <u>1</u> <u>0</u> _ in.
	/ \$28.4		ed length:	<u>4</u> . <u>5</u> ft.
M. O.D. well casing	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	11. Backfi	ll material (below filter pa	A.149.44.71
N ID well assing	\ <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>		<del>.</del>	Other
N. I.D. well casing 2.00 in				· ·
I hereby certify that the information on this form is	Firm			

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Maxim Technologies, Inc. (Maxim)

	<u>o</u> : Watershed/wastewater □ Waste Manag	gement 🗆	MONITORING V	VELL CONSTRUCTION
Department of Natural Resources	Remediation/Redevelopment □ Other I		Similar to Forn	14400-113A Rev 7-98
Facility/Project Name	Local Grid Location of Well	ON DE.	Well Name	
WDNR PCE Investigation	_	ft. 🗆 S ft. 🗆 W.	MW-14	
Facility License, Permit or Monitoring Number	Local Grid Origin □ (estimated: □) or	r Well Location □	Wis. Unique Well No.	DNR Well ID No.
Facility ID	Lat°'" Long°'" or		Date Well Installed	06/05/02
	St. Plane ft. N ft. E. S	S/C/N		m m d d y y y y
Type of Well	Section Location of Waste/Source	■ E.	Well Installed By: Name	e (first, last) and Firm
/	<u>SW</u> 1/4 of <u>NE</u> 1/4 of Sec. 31, T. <u>29</u> N,		W. Eric Anderson	
Distance Well is From Waste/ Enf. Stds.	Location of Well Relative to Waste/So	<b>I</b>	Maxim Technologies, Ir	IC.
Sourceft. Apply □	u □ Upgradient s □ Sidegradient d □ Downgradient n □ Not Know			
A. Protective pipe, top elevation	ft. MSL	1. Cap	and lock?	■ Yes □ No
		2. Pro	tective cover pipe:	
B. Well casing, top elevation	1404.54 ft. MSL		side diameter:	<u>4</u> . <u>0</u> in.
		! 1 1	ength:	$7.\cdot 0$ ft.
C. Land surface elevation	1401.74 ft. MSL	c. M	aterial:	Steel■ 04
				Other 🗆
D. Surface seal, bottom ft. MSL or _	0 · 0 ft.	I Program Cham. I	ditional protection?	■ Yes □ No
T			yes, describe: 3 steel bumper	
12. USCS classification of soil near screen:		3. Sur	face seal:	Bentonite □ 30
GP GM GC GW SW SP				Concrete ■ 01
SM□ SC□ ML□ MH□ CL■ CH□		\ . <del></del>		Other 🗆 🦠
Bedrock □		4. Mai	terial between well casing and	
		N.		Bentonite □ 30
13. Sieve analysis performed? ☐ Yes ■ N	)			Other 🗆
14. Drilling method used:	Rotary □ 50	5. Anr	ular space seal:	a. Granular Bentonite ■ 33
	ow Stem Auger ■ 41		_ lbs/gal mud weight	Bentonite-sand slurry □ 35
4 1/4	Other 🗆 💮		_ lbs/gal mud weight	Bentonite slurry □ 31
15. Drilling fluid used: Water □ 02  Drilling Mud □ 03	Air □ 01 Ione■ 99	· d	% Bentonite	Bentonite-cement grout ☐ 50
Diffilling Mud 🗆 03	one= 99		ā	
	· · · · · · · · · · · · · · · · · · ·	48.	5 lbs Ft <sup>3</sup> volume added for an	-
16. Drilling additives used? ☐ Yes ■ No		f. H	Iow installed	Tremie □ 01
Describe				Tremie pumped □ 02
				Gravity □ 08
17. Source of water (attach analysis, if required):			tonite seal:	a. Bentonite granules □ 33
		b. □	11/4 in. ■3/8 in. □1/2 in.	Bentonite chips ■ 32
	<u>/                                    </u>	c		Other 🗆
E. Bentonite seal, top	t. MSL or <u>0</u> . <u>0</u> ft.	1 01	e sand material: Mfr, product	name & mesh size
		[m + 6	Red Flint 45-55mm	23
F. Fine sand, top	. MSL or <u>5</u> . <u>0</u> ft.	10475	olume added 50 lbs	ft³
0.7%	· · · · · · · · · · · · · · · · · · ·		er pack material: Mfr, product	name & mesh size
G. Filter pack, top ft.	MSL or _ <u>6</u> . <u>0</u> ft.	140	ted Flint #30	
н С	1.6T	io 🕊	olume added <u>200 lbs</u> ft <sup>3</sup>	1 10000 1 1 1 40 = 22
H. Screenjoint, top ft.	MSL or <u>8</u> . <u>0</u> ft.	9. Wel		aded PVC schedule 40 ■ 23
			Flush thre	aded PVC schedule 80 🗆 24
I. Well bottom ft. N	ISL or <u>1</u> <u>8</u> . <u>0</u> ft.			Other 🗆 🔠
			een material: PVC	
J. Filter pack, bottom ft. N	ISL or _ <u>1 8</u> . <u>0</u> ft.	a. Sc	creen type:	Factory cut ■ 11
		=::		Continuous slot □ 01
K. Borehole, bottom	ISL or <u>1</u> <u>8</u> . <u>0</u> ft.	<b>⊼:</b> }		Other 🗆
* B 11 !!	\ \ 🔯	* * *!	lanufacturer <u>Diedrich</u>	A
L. Borehole, diameter8 . <u>0</u> in.	\ \ <u>[</u>	* . * . # i	ot size:	0. <u>1</u> <u>0</u> _ in.
	<b>√ </b>	.A.N	otted length:	_ <u>9</u> · <u>5</u> ft.
M. O.D. well casing _ <u>2</u> . <u>2</u> <u>5</u> in.	\	11. Ba	ckfill material (below filter pa	
N. ID and brain.	\ <u>C</u>	_		Other 🗆
N. I.D. well casing				
I hereby certify that the information on this form is		ledge		
Signature $\bigcirc$ $\bigcirc$ $\bigcirc$	Firm			
Chr	Maxim Technologies,	inc. (Maxim)		

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be

sent.

State of Wisconsin		: Watershed/wastewater	-	ıt 🗆		MONITORING W		
Department of Natural Resor	urces	Remediation/Redevel			□ E.	Similar to Form	14400-113A	Rev 7-98
Facility/Project Name WDNR PCE Investigation		Local Glid Location		.□Sft		Well Name MW-14A		
Facility License, Permit or Mon	itoring Number	Local Grid Origin	(estimated: $\square$ ) or We	Il Location [		Wis. Unique Well No.	DNR Well II	) No
racinty License, Fernit of Mon	normg Number	Local Grid Origin	(estimated: $\Box$ ) or we	II Location 🗆		wis. Onique wen No.	IDNK Well IL	) NO.
Facility ID		Lat°'" Lon	g. <u> </u>			Date Well Installed	06/05/02	2
		St. Plane ft. N	I ft. E. S/C/N				m m d d	1 уууу
Type of Well		Section Location of V	Vaste/Source		■ E.	Well Installed By: Name	(first last) and F	
Well Code/			Sec. 31, T. <u>29</u> N, R. <u>2</u>		- <i>L</i> . □ W.	Eric Anderson	(III si, iasi) and I	
Distance Well is From Waste/	Enf. Stds.	Location of Well Rela	ative to Waste/Source	Gov. Lot	Number	Maxim Technologies, In	<u>c.</u>	
Sourceft.	Apply □	u □ Upgradient d □ Downgradient	s ☐ Sidegradient					
A. Protective pipe, top elevation		ft. MSL	_	<u>.</u> '	1. Cap an	l lock?		Yes □ No
•••			<b>#</b>		_	ive cover pipe:		
B. Well casing, top elevation		$\underline{1}\underline{4}\underline{0}\underline{4}$ . $\underline{3}\underline{1}$ ft. MSL			a. Inside	diameter:		_ <u>4</u> . <u>0</u> in.
					b. Lengt	h:		$-\underline{7}\cdot\underline{0}$ ft.
C. Land surface elevation		<u>1 4 0 1</u> . <u>7 0</u> ft. MSL	855 E		c. Mater	ial:		Steel■ 04
		•	震出口	K S				Other 🗆 💮
D. Surface seal, bottom	ft. MSL or _	<u>0</u> <u>0</u> . ft.				ional protection?		Yes □ No
			V 411		-	describe: 3 steel bumper	-	
12. USCS classification of soil n				<b>,</b>	3. Surface	seal:		tonite □ 30
GP□ GM□ GC□ GW								ncrete ■ 01
SM SC ML MH	⊔ CL ■ CHL	J			4 > 6			Other 🗆
Bedrock □					4. Materia	l between well casing and		. : 🗖 20
12 Sinon analysis marfamor 49	□ V ■ N							tonite  30
13. Sieve analysis performed?	☐ Yes ■ No	0	Ø Ø				C	Other 🗆
14. Drilling method used:		Rotary □ 50			5 Appula	r space seal:	a. Granular Ben	tonite ■ 33
14. Drining method used.	Holle	owStem Auger ■ 41				os/gal mud weight	Bentonite-sand	
4 1/4	11011	Other				os/gal mud weight		slurry  31
15. Drilling fluid used: Water [	7 02	Air □ 01	1 8				Sentonite-cement	=
Drilling Mud		one■ 99			u/0	Demonite	emonite cement	grout 🗖 50
					e 400 li	bs_Ft³ volume added for a	ay of the above	
16. Drilling additives used?	□ Yes ■ No					installed	=	remie 🗆 01
Describe	La res = No				1. 110**	mstaned		mped □ 02
) Beserved							=	ravity □ 08
17. Source of water (attach analy	sis, if required):		8 8	_	6. Bentoni	te seal:	a. Bentonite gra	-
	, - 1				b. □1/4	in. □3/8 in. ■1/2 in.		chips   32
1					c. Pelle	ets	C	ther ■
E. Bentonite seal, top	ft.	MSL or _ <u>2 6</u> . <u>5</u> ft.				nd material: Mfr, product r		1000 0 100
					a.			
F. Fine sand, top	ft.	MSL or <u>2</u> <u>8</u> . <u>5</u> ft			b. Volu	ne added 50 lbs	ft <sup>3</sup>	
					8. Filter pa	ck material: Mfr, product	name & mesh siz	ze
G. Filter pack, top	ft. M	ISL or <u>29</u> . <u>0</u> ft.				Flint #30		655
						me added <u>100 lbs</u> ft <sup>3</sup>		
H. Screen joint, top	ft. M	ISL or <u>3 1</u> . <u>0</u> ft			9. Well cas	8	aded PVC schedu	
			:			Flush threa	ided PVC schedu	8,380,000
I. Well bottom	ft. M	ISL or _ <u>3 6</u> . <u>0</u> ft.	\ :=:				О	ther 🗆
						material: <u>PVC</u>	<b>-</b>	_99884:
J. Filter pack, bottom	ft. M	ISL or <u>3. 6</u> . <u>0</u> ft.\			a. Screen	n type:		ry cut ■ 11
<b>X D</b> 1111	2.3	rax						s slot □ 01
K. Borehole, bottom	It. M	ISL or $\underline{3} \underline{6} \cdot \underline{0}$ ft.			1. ) (	C / D' 1 ' 1	O	ther 🗆
I. Danahala diat	0 0:-					facturer <u>Diedrich</u>	^	1.0 :-
L. Borehole, diameter	_ <u>8</u> . <u>0</u> in.		/ / <u>/ / / / / / / / / / / / / / / / / </u>		c. Slot si		0	1 0 in.
M. O.D. well casing	2 25:-			<u> </u>		d length: Il material (below filter pa	ck)·	_ <u>4</u> . <u>5</u> . ft. None ■ 14
IVI. O.D. WEII CASHING	2 . <u>2 . 5</u> in.		\\\		11. Dackill	i materiai (below filter pa	•	None ■ 14 Other □
N. I.D. well casing	_ <u>2</u> . <u>0</u> <u>0</u> in.		`				O	mei 🗀 👙
I hereby certify that the informati			heet of my browledes					
Thereby certify that the informati	on on this form is	true and correct to the	oest of my knowledge					

Signature Firm
Maxim Technologies, Inc. (Maxim)

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin	Route to	Watershed/wastewater	☐ Waste Management [		MONITORING V	WELL CONSTRUCTION
Department of Natural Resou	ırces	Remediation/Redevelo			Similar to Form	m 4400-113A Rev 7-98
Facility/Project Name WDNR PCE Investigation		Local Grid Location of	of Well L ft. [	□N □E. □S <u> </u>	Well Name MW-15	
Facility License, Permit or Monitor	itoring Number	Local Grid Origin D	(estimated: $\square$ ) or Well 1	Location [	Wis. Unique Well No.	DNR Well ID No.
racinty License, Fermitor Mon	itoring Number	Local Grid Origin 🗀 (	(estimated: L) or well i	Location 🗀	wis. Onique wen No.	DINK WEILID NO.
Facility ID		Lat°'" Long	g. <u> </u>		Date Well Installed	06/06/02
		St. Plane ft. N	ft. E. S/C/N			m m d d y y y y
Type of Well		Section Location of W	/aste/Source	■ E.	Well Installed By: Nam	ne (first, last) and Firm
Well Code/		<u>SW</u> 1/4 of <u>NE</u> 1/4 of S		_ Z. □ W.	1	(,)
Distance Well is From Waste/	Enf. Stds.	Location of Well Rela	tive to Waste/Source	Gov. Lot Number	Maxim Technologies, I	nc.
Sourceft.	Apply □	u □ Upgradient d □ Downgradient	s □ Sidegradient n □ Not Known			
A. Protective pipe, top elevation	!	ft. MSL		1. Cap ar		■ Yes □ No
5		1000 150		·	tive cover pipe:	4 0 .
B. Well casing, top elevation		1393.17 ft. MSL	IHL		e diameter:	4 . <u>0</u> in.
C. Land surface elevation		1390.57 ft. MSL	_ ]  [	b. Leng c. Mater		<u>7</u> . <u>0</u> ft. Steel■ 04
C. Land surface elevation		1 3 9 0 . <u>3 7</u> It. MSL		c. Mate	iai.	_ Other 🗆
D. Surface seal, bottom	ft. MSL or _	<u>0</u> . <u>0</u> ft.		d. Addi	tional protection?	■ Yes □ No
			THE PARTY OF THE P		, describe: 3 steel bumpe	er posts
12. USCS classification of soil n	ear screen:	i.	/ AllE	3. Surfac	e seal:	Bentonite □ 30
GP□ GM□ GC□ GW	'□ SW□ SP□	_				Concrete ■ 01
SM□ SC□ ML□ MH	□ CL ■ CH □	]		_		_ Other 🗆
Bedrock □				4. Materi	al between well casing an	d protective pipe:
						Bentonite □ 30
13. Sieve analysis performed?	☐ Yes ■ No			_		Other 🗆
14. Drilling method used:		Rotary □ 50		5. Annula	r space seal:	a. Granular Bentonite ■ 33
_	Hollo	ow Stem Auger ■ 41		b 1	bs/gal mud weight	Bentonite-sand slurry □ 35
_ 4 1/4		Other □		c1	bs/gal mud weight	Bentonite slurry □ 31
15. Drilling fluid used: Water [	□ 02	Air □ 01				Bentonite-cement grout ☐ 50
Drilling Mud □	l 03 N	one■ 99				
				e. <u>_1001</u>	lbs Ft3 volume added for	any of the above
16. Drilling additives used?	□ Yes ■ No			f. How	installed	Tremie □ 01
Describe						Tremie pumped □ 02
						Gravity □ 08
17. Source of water (attach analy	sis, if required):			6. Benton	ite seal:	a. Bentonite granules □ 33
			一 一 八馬 馬 .	b. □1/4	4 in. ■3/8 in. □1/2 in.	Bentonite chips ■ 32
-				c		Other 🗆
E. Bentonite seal, top	f	t. MSL or <u>0</u> . <u>0</u> ft. ´		7. Fine sa	nd material: Mfr, product	name & mesh size
				a. Red	Flint 45-55mm	
F. Fine sand, top	ft	. MSL or <u>5</u> . <u>0</u> ft.		b. Volu	me added 50 lbs	ft³
				8. Filter p	ack material: Mfr, produc	t name & mesh size
G. Filter pack, top	ft. 1	MSL or _ <u>6</u> . <u>0</u> ft.		a. <u>Red</u>	Flint #30	
			13 H3		me added <u>250 lbs</u> ft <sup>3</sup>	
H. Screen joint, top	ft. 1	MSL or <u>7</u> . <u>0</u> ft.—		9. Well ca	-	readed PVC schedule 40 ■ 23
			<b>E</b> .≣∷		Flush thre	eaded PVC schedule 80 🗆 24
I. Well bottom	ft. M	ISL or $\underline{1} \underline{7} \cdot \underline{0}$ ft.	/ 語針	10 -		_ Other □
T.P.	6.34	(GY 1 7 0 0 \			n material: <u>PVC</u>	
J. Filter pack, bottom	tt. M	ISL or <u>1</u> 7 . <u>0</u> ft.\		a. Scree	en type:	Factory cut ■ 11
W.D. 1.1.1.4	6.34	rar 1 7 0 0.				Continuous slot □ 01
K. Borehole, bottom	II. M	ISL or <u>17</u> . <u>0</u> ft.		L M	ufacturar Diadriah	Other 🗆
L. Borehole, diameter	_ <u>8</u> . <u>0</u> in.			c. Slot	ufacturer <u>Diedrich</u>	0. <u>1 0</u> _ in.
L. DOICHOIC, MAINER	_ <u>o</u> . <u>U</u> III.				ed length:	0. <u>1 0                                   </u>
M. O.D. well casing	_ <u>2</u> . <u>2</u> <u>5</u> in.		/ B\$\$		ed length. ill material (below filter p	
O.D on outing	_ <u> </u>			11. Ducki	(oolow intel p	Other
N. I.D. well casing	<u>2</u> . <u>0</u> 0 in.		-			
I hereby certify that the informati		true and correct to the l	best of my knowledge			
Signature \( \chi \)		Firm	y			

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Maxim Technologies, Inc. (Maxim)

State of Wisconsin	· · · · · · · · · · · · · · · · · · ·	Watershed/wastewater □ W	Vaste Management □			ELL CONSTRUCTION
Department of Natural Resor	urces	Remediation/Redevelopmen			Similar to Form	14400-113A Rev 7-98
Facility/Project Name WDNR PCE Investigation		Local Grid Location of We		N □ E. S ft. □ W.	Well Name MW-15A	
Facility License, Permit or Mon	itoring Number	Local Grid Origin □ (estim	nated: □) or Well Loc	cation	Wis. Unique Well No.	DNR Well ID No.
Facility ID		Lat°'" Long°	2'" or		Date Well Installed	06/06/02
		St. Plane ft. N	ft. E. S/C/N			m m d d y y y y
Type of Well		Section Location of Waste/	Source	■ E.	Well Installed By: Name	e (first, last) and Firm
Well Code/		<u>SW</u> 1/4 of <u>NE</u> 1/4 of Sec. 3		□ W.	Eric Anderson	
Distance Well is From Waste/	Enf. Stds.	Location of Well Relative to		Gov. Lot Number	Maxim Technologies, In	<u>c.</u>
Sourceft.	Apply □	_ 10	l Sidegradient □ Not Known			
A. Protective pipe, top elevation		ft. MSL		1. Cap an	d lock? ive cover pipe:	■ Yes □ No
B. Well casing, top elevation	-	1 3 9 3 . 8 3 ft. MSL		a. Inside	diameter:	$-\frac{4}{3} \cdot \frac{0}{3}$ in.
		1200 (10 )		b. Lengt		
C. Land surface elevation	-	1390.61 ft. MSL		c. Mater	ial:	Steel■ 04 Other □
D. Surface seal, bottom	ft. MSL or	<u>0</u> . <u>0</u> ft.	题  原		ional protection?	■ Yes □ No
· · · · · · · · · · · · · · · · · · ·			AIIA		describe: 3 steel bumper	
12. USCS classification of soil n		.   `	/ All B	3. Surface	e seal:	Bentonite ■ 30
GP□ GM□ GC□ GW		J				Concrete □ 01
SM SC ML MH	⊔ CL ■ CH ⊔			\ . <del></del>		Other 🗆
Bedrock □				4. Materia	al between well casing and	
	<b>-</b>					Bentonite □ 30
13. Sieve analysis performed?	☐ Yes ■ No			_		Other 🗆 💮
14. Drilling method used:		Rotary □ 50		5. Annula	r space seal:	a. Granular Bentonite ■ 33
	Hollo	w Stem Auger ■ 41			bs/gal mud weight	Bentonite-sand slurry □ 35
4 1/4		Other 🗆 🚟			os/gal mud weight	Bentonite slurry □ 31
15. Drilling fluid used: Water l Drilling Mud □		Air □ 01 one■ 99		d%	Bentonite E	Sentonite-cement grout □ 50
				e. 400 l	bs Ft3 volume added for a	ny of the above
16. Drilling additives used?	□ Yes ■ No			-	installed	Tremie □ 01
Describe						Tremie pumped □ 02
						Gravity □ 08
17. Source of water (attach analy	sis, if required):			6. Bentoni	ite seal:	a. Bentonite granules ☐ 33
	1 ,				in. □3/8 in. ■1/2 in.	Bentonite chips □ 32
				cPell	ets	Other ■
E. Bentonite seal, top	. f	t. MSL or _ <u>2 0</u> . <u>0</u> ft.			nd material: Mfr, product i	5745090.0
•				a. Red	Flint 45-55mm	
F. Fine sand, top	ft.	MSL or _ <u>2 2. 0</u> ft.			me added 25 lbs	ft <sup>3</sup>
				8. Filter pa	ack material: Mfr, product	name & mesh size
G. Filter pack, top	ft. M	SL or <u>2 3</u> . <u>0</u> ft.		a. Red	Flint #30	ing.
				b. Volu	me added <u>100 lbs</u> ft <sup>3</sup>	
H. Screen joint, top	ft. MS	SL or <u>2</u> <u>5</u> · <u>0</u> ft.		9. Well ca	J	aded PVC schedule 40 ■ 23
			<b>:</b> -=::		Flush threa	aded PVC schedule 80 🗆 24
I. Well bottom	ft. M	SL or $\underline{3} \underline{0} \cdot \underline{0}$ ft.	: <u>5</u> :}_	10 Saraan	material: PVC	Other 🗆
J. Filter pack, bottom	e M	SL or <u>3 0</u> . <u>0</u> ft.\		a. Screen		Factory cut ■ 11
J. Pitter pack, bottom	11. 171	3L 01 _ <u>3 \ 0</u> . \ \	\L:=:	a. Scree	ii type.	Continuous slot   01
K. Borehole, bottom	f M	SL or <u>3 0</u> . <u>0</u> ft.	<b>N</b> =::			E design
E. Doronoie, bottom	II. IVII	)		h Man	ıfacturer Diedrich	Other 🗆
L. Borehole, diameter	_ <u>8</u> . <u>0</u> in.			c. Slot s		0. <u>1</u> <u>0</u> _ in.
	_ <u></u>	\	\ \`\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		ed length:	_ <u>4</u> . <u>5</u> ft.
M. O.D. well casing	_ <u>2</u> . <u>2</u> <u>5</u> in.				ll material (below filter pa	
-	— <del>—</del>		12.7			Other □
N. I.D. well casing	_ <u>2</u> . <u>0</u> <u>0</u> in.		***************************************			Mark (1870).
I hereby certify that the informati	on on this form is	true and correct to the best o	f my knowledge			
Signature	***	Firm				

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be

Maxim Technologies, Inc. (Maxim)

State of Wisconsin		: Watershed/wastewater □ Waste N	Ianagement □			WELL CONSTRUCTION
Department of Natural Resor	urces	Remediation/Redevelopment □ C			Similar to For	m4400-113A Rev 7-98
Facility/Project Name		Local Grid Location of Well	□N	□ E.	Well Name	
WDNR PCE Investigation			ft. 🗆 S	11. ⊔ W.	MW-16	
Facility License, Permit or Mon	itoring Number	Local Grid Origin ☐ (estimated:	□) or Well Location □		Wis. Unique Well No.	DNR Well ID No.
Facility ID		Lat°'" Long°'			Date Well Installed	06/03/02
		St. Plane ft. N ft.	E. S/C/N			mmddyyyy
Type of Well		Section Location of Waste/Source	<del></del>	■ E.	Well Installed By: Nan	ne (first, last) and Firm
Well Code/		<u>SW</u> 1/4 of <u>SW</u> 1/4 of Sec. 31, T.	2 <u>9</u> N, R. <u>2</u>	□ W.	Eric Anderson	, ,
Distance Well is From Waste/	Enf. Stds.	Location of Well Relative to Was	te/Source Gov. Lo	t Number	Maxim Technologies,	<u>lnc.</u>
Sourceft.	Apply □	u □ Upgradient s □ Sideş d □ Downgradient n □ Not	· · ·			
A. Protective pipe, top elevation		ft. MSL		1. Cap and	l lock?	■ Yes □ No
				2. Protecti	ve cover pipe: Flushmo	unt
B. Well casing, top elevation		1 4 0 3 . 5 5 ft. MSL	THIS	a. Inside	diameter:	<u>9</u> . <u>0</u> in.
				b. Length	ı:	$\underline{1} \cdot \underline{0}$ ft.
C. Land surface elevation		1403.85 ft. MSL	4	c. Materi	al:	Steel■ 04
		7===	QII REE			_ Other 🗆
D. Surface seal, bottom	ft. MSL or _	_ · _ ft.			onal protection? describe:	■ Yes □ No
12. USCS classification of soil n	ear screen:		All'É	3. Surface	seal:	Bentonite □ 30
GP□ GM□ GC□ GW	'□ SW□ SP□	ı \				Concrete ■ 01
SM□ SC□ ML□ MH	□ CL ■ CH □					_ Other 🗆
Bedrock □	•			4. Materia	l between well casing ar	id protective pipe:
13. Sieve analysis performed?	☐ Yes ■ No	,				Bentonite □ 30 Other □
14. Drilling method used:		Rotary □ 50		- 5 Annular	space seal:	a. Granular Bentonite ■ 33
14. Diffilling method used.	Holle	ow Stem Auger ■ 41			s/gal mud weight	Bentonite-sand slurry  35
4 1/4	110110	Other 🗆			s/gal mud weight	Bentonite slurry □ 31
15. Drilling fluid used: Water [	 7 02	Air □ 01				Bentonite-cement grout □ 50
Drilling Mud □		one■ 99		u	Dontonico	pentonite coment grout 2 50
				e. 100 lb	os Ft3 volume added for	any of the above
16. Drilling additives used?	□ Yes ■ No			f. How		Tremie □ 01
Describe						Tremie pumped □ 02
						Gravity □ 08
17. Source of water (attach analy	sis, if required):			6. Bentonit	te seal:	a. Bentonite granules □ 33
				b. □1/4	in. ■3/8 in. □1/2 in.	Bentonite chips ■ 32
				с		_ Other 🗆
E. Bentonite seal, top	fi	. MSL or _ <u>1</u> . <u>0</u> ft.		7. Fine san	d material: Mfr, produc	name & mesh size
				· ·	Flint 45-55mm	
F. Fine sand, top	ft.	MSL or <u>6</u> . <u>5</u> ft.			ne added 25 lbs	ft³
			-M M	-	ck material: Mfr, produc	t name & mesh size
G. Filter pack, top	ft. I	MSL or <u>7</u> . <u>0</u> ft.		a. Red F		
II C :-: 4	6.1	fGI 0 0 6			ne added <u>250 lbs</u> ft <sup>3</sup>	1 10000 1 1 1 40 = 22
H. Screen joint, top	n. 1	MSL or _ <u>9</u> <u>0</u> ft.		9. Well cas	•	readed PVC schedule 40 ■ 23
I. Wall battam	<b>A M</b>	SI 1 0 0 6 N	l:=::		Flush tor	eaded PVC schedule 80 🗆 24
I. Well bottom	n. M	SL or <u>1</u> <u>9</u> . <u>0</u> ft.	:=:	10 C	material: PVC	_ Other □
J. Filter pack, bottom	<b>A</b> M	SL or _ 1 9 . 0 ft.\	<b>Ŀ</b> ⊆∷			Footomy out = 11
J. Pitter pack, bottom	II. M	SL 01 _ 1 9 . 0 1t.		a. Screer	rtype:	Factory cut ■ 11 Continuous slot □ 01
V Porehole hottom	e M	SLor 1 9 0 ft	<b>N</b> =::			The second secon
K. Borehole, bottom	n. M	SL or _ <u>1</u> <u>9</u> . <u>0</u> ft.\		h Manua	facturer <u>Diedrich</u>	Other 🗆
L. Borehole, diameter	<u>8</u> . <u>0</u> in.			c. Slot si		0. <u>1</u> <u>0</u> _ in.
2. Doronoio, diametei	_ <u>u</u> . <u>u</u> III.	\ \	1000	d. Slotted		0. <u>1. 0</u> _ 1n. _ <u>9</u> . <u>5</u> ft.
M. O.D. well casing	_ <u>2</u> . <u>2</u> <u>5</u> in.	\			ı rengin. I material (below filter p	
	_ <u>_</u> . <u>_</u> _ ~	\		II. Dackill	(octow tittel p	Other
N. I.D. well casing	2 . <u>0</u> 0 in.					. 0
		true and correct to the best of my k	nowledge			
Signature Signature		Firm				
SHL		Į.	gies, Inc. (Maxim)			

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent

State of Wisconsin			☐ Waste Management ☐			VELL CONSTRUCTION
Department of Natural Resou	ırces	Remediation/Redevelo		NT	Similar to Forn	n4400-113A Rev 7-98
Facility/Project Name		Local Grid Location of		N □ E. S ft. □ W.	Well Name	
WDNR PCE Investigation			11. 🗆	5 II. □ W.	MW-16A	
Facility License, Permit or Moni	itoring Number	Local Grid Origin 🗆	(estimated: □) or Well Lo	cation	Wis. Unique Well No.	DNR Well ID No.
Facility ID		Lat°'". Long	g. <u> </u>		Date Well Installed	06/04/02
		St. Plane ft. N	ft. E. S/C/N			m m d d y y y y
Type of Well		Section Location of W	Josta/Source	■ E.	Well Installed By: Name	e (first last) and Firm
Well Code/			Sec. 31, T. <u>29</u> N, R. <u>2</u>	■ E. □ W.	Eric Anderson	/(mst, last) and I mm
Distance Well is From Waste/	Enf. Stds.	Location of Well Rela		Gov. Lot Number	Maxim Technologies, In	IC.
Sourceft.	Apply □	u D Upgradient	s □ Sidegradient	Gov. Lot Number		322
50di cci	Прріу 🗆	d □ Downgradient	n □ Not Known			
A. Protective pipe, top elevation		ft. MSL		1 Com on	d look?	■ Yes □ No
A. Protective pipe, top elevation		II. MISL		1. Cap and		
			S	` /	ive cover pipe: Flushmou	
B. Well casing, top elevation		1403.32 ft. MSL	1412		diameter:	<u>9</u> . <u>0</u> in.
				b. Lengti	h:	$-\underline{1}\cdot\underline{0}$ ft.
C. Land surface elevation	-	<u>1 4 0 3</u> . <u>6 6</u> ft. MSL `		c. Materi	ial:	Steel■ 04
			三型   日本			Other 🗆
D. Surface seal, bottom	_ ft. MSL or _	ft		d. Additi	ional protection?	■ Yes □ No
				If yes.	describe:	
12. USCS classification of soil no	ear screen:		/ HII'K	3. Surface		Bentonite □ 30
GP□ GM□ GC□ GW		, 1	/ A     J/	5. Bullace	scar.	Concrete ■ 01
i		1				
SM□ SC□ ML□ MH	⊔ CL■ CH⊔			\ —		Other 🗆
Bedrock □				4. Materia	l between well casing and	l protective pipe:
						Bentonite □ 30
13. Sieve analysis performed?	☐ Yes ■ No			_		Other □
14. Drilling method used:		Rotary □ 50		5 Annulai	r space seal:	a. Granular Bentonite ■ 33
5 · · · · · · · · · · · · · · · · · · ·	Hollo	ow Stem Auger ■ 41			os/gal mud weight	Bentonite-sand slurry □ 35
4.17	Hone					· .
4 1/4	7.00	Other 🗆			os/gal mud weight	Bentonite slurry □ 31
15. Drilling fluid used: Water [ Drilling Mud□		Air □ 01 one■ 99		d%	Bentonite F	Bentonite-cement grout ☐ 50
C				500.11	T.3 1 11 10	6.1 1
		ŀ			bs_Ft <sup>3</sup> volume added for a	=
16. Drilling additives used?	□ Yes ■ No	ĺ		f. How	installed	Tremie □ 01
Describe						Tremie pumped □ 02
						Gravity □ 08
17. Source of water (attach analys	sis, if required):			6. Bentoni	te seal:	a. Bentonite granules □ 33
			八八八八八八八八八八八八八八八八八八八八八八八八八八八八八八八八八八八八八八八	b. □1/4	in. □3/8 in. ■1/2 in.	Bentonite chips □ 32
	· ·			c. Pelle		Other ■
E. Bentonite seal, top	4	t. MSL or <u>0</u> . <u>0</u> ft. ′			nd material: Mfr, product i	
E. Bentomte seat, top		t. MISL of <u>0</u> . <u>0</u> It.			id materiai: Min, product i	ianie & niesii size
F Fine and to				a. 5 V-1	ne added 25 lbs	03
F. Fine sand, top	п. 1	MSL or <u>3</u> 1 . <u>5</u> ft.				ft³
					ck material: Mfr, product	and the second s
G. Filter pack, top	ft. M	(SL or <u>3 2 . 0</u> ft.		-	Flint #30	
			はほ	b. Volur	ne added <u>100 lbs</u> ft <sup>3</sup>	
H. Screen joint, top	ft. M	SL or <u>3 4</u> . <u>0</u> ft.—		9. Well cas	sing: Flush thre	aded PVC schedule 40 ■ 23
					Flush thre	aded PVC schedule 80 □ 24
I. Well bottom	ft M	SL or <u>3 9</u> . <u>0</u> ft.	:=::1			Other 🗆
1. Wen bettern		.52 0 <u>5 5 . 0</u> 1 •	\ i:=:!-	10 Caraan	material: PVC	3 <b></b>
I Ellen and better		· · · · · · · · · · · · · · · · · · ·			<u> </u>	
J. Filter pack, bottom	n. M	SL or $\underline{3} \underline{9} \cdot \underline{0}$ ft.		a. Scree	n type:	Factory cut ■ 11
			\ <u>X</u> ⊆∷			Continuous slot □ 01
K. Borehole, bottom	ft. M	SL or <u>3 9</u> . <u>0</u> ft.\				Other 🗆 💮
		`		b. Manu	facturer <u>Diedrich</u>	100 Accounts - 1
L. Borehole, diameter	<u>8</u> . <u>0</u> in.			c. Slot si		0. <u>1 0</u> in.
•					d length:	_ <u>4</u> . <u>5</u> ft.
M. O.D. well casing	_ <u>2</u> . <u>2</u> <u>5</u> in.		/ 833		l material (below filter pa	
O.D. Won casing	_ <u>~ . ~ J</u> III.		1000	11. Dackill	i materiai (uetuw tiiter pa	age a sec
N. I.D II '	• • • •		10.73			Other 🗆
N. I.D. well casing						
I hereby certify that the information	on on this form is	true and correct to the b	est of my knowledge			
Signature		Firm				

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be

Maxim Technologies, Inc. (Maxim)

Project #2330610 July 2, 2002

# WELL AND PIEZOMETER DEVELOPMENT FORMS

	Watershed/Wastewa Redevelopment □	ter □ Waste Management □ Other □	
Facility/Project Name WDNR-PCE INV.	County 1 Maratho	Name	Well Name MW-16A
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
Can this well be purged dry?     Well development method	☐ Yes ■ No	Before Development 11. Depth to Water	After Development
surged with bailer and bailed surged with bailer and pumped surged with block and bailed	□ 41 ■ 61 □ 42	(from top of well casing) a 7 . 0 3 ft	<u>3 6</u> . <u>0</u> 0 ft
surged with block and pumped surged with block, bailed and pumped compressed air	□ 62 □ 70 □ 20	Date b. 0 6 / 1 1 / 2 0 0 2 mm d d y y y y	0 6/11/2002 mm dd y y y y
bailed only pumped only pumped slowly	□ 10 □ 51 □ 50	Time  ■ A.M.  c. <u>8</u> : <u>5</u> <u>0</u> □ P.M.	Time
Other			
3. Time spent developing well	<u>7</u>	12. Sediment in well bottom 60 _ inches	0 inches
		13. Water Clarity Clear 10	<u>o</u> menes  Clear ■ 20
4. Depth of well (from top of well casing)	<u>3_8,8</u> ft.	Turbid ■ 15 (Describe)	Turbid □ 25 (Describe)
5. Inside diameter of well		Silty Brown	Light brown
6. Volume of water in filter pack and well casing	gal.		
7. Volume of water removed from well	<u>1_7_0</u> gal.		
8. Volume of water added (if any)	<u>. 0</u> gal.	Fill in if drilling fluids were used a	nd well is at solid waste facility:
9. Source of water added <u>NONE</u>		14. Total suspended solids <u>NA</u> mg/L	mg/I
10. Analysis performed on water added? (If yes, attach results)	□ Yes ■ No	15. COD NA mg/L	mg/L mg/L
16. Additional comments on development:		17. Well developed by: Name (firs	st, last) and Firm
Developed well to bottom. No water in last bail. S	Slow recovery.	First Name: Eric	Last Name:Oleson
		Firm Maxim Technologies, Inc.®	
Name and Address of Facility Contact/Owner/Responsives  First Last Name: Name:	-	I hereby certify that the above infor best of my knowledge.	rmation is true and correct to the
Facility/Firm:		Signature:	
Street:		Print Name:	
City/State/Zip:		Firm: Maxim Technologies, Inc	

Route to: \ Remediation/			ter □ Waste Management □ Other □	
Facility/Project Name WDNR-PCE INV.	<u>_</u>	County I	Name	Well Name MW-16
Facility License, Permit or Monitoring Number	Cou	nty Code	Wis. Unique Well Number	DNR Well ID Number
<ol> <li>Can this well be purged dry?</li> <li>Well development method</li> </ol>	☐ Yes	■ No	Before Development  11. Depth to Water (from top of well casing)	After Development
surged with bailer and bailed surged with bailer and pumped surged with block and bailed surged with block and pumped surged with block, bailed and pumped compressed air bailed only pumped only pumped slowly	■ 41 □ 61 □ 42 □ 62 □ 70 □ 20 □ 10 □ 51 □ 50		a7 . 6 6 ft  Date b0 6 / 1 _1 / 2 0 0 2   m m d d y y y y  Time  A.M. c8 : 0 0 □ P.M.	
Other  3. Time spent developing well	5		12. Sediment in well bottom	<u>0</u> inches
4. Depth of well (from top of well casing)	_ 1 9	. <u>3</u> ft.	13. Water Clarity Clear □ 10 Turbid ■ 15 (Describe)	Clear ■ 20 Turbid □ 25 (Describe)
5. Inside diameter of well		<u>2</u> in.	Light Brown	Clear
6. Volume of water in filter pack and well casing		_ gal.		
7. Volume of water removed from well	_ 1 _ 8	. <u>0</u> gal.		
8. Volume of water added (if any)		<u>0</u> gal.	Fill in if drilling fluids were used at 14. Total suspended solids	and well is at solid waste facility:
9. Source of water added NONE			_ <u>NA</u> mg/L	ng/L
10. Analysis performed on water added? (If yes, attach results)	□ Yes ■	l No	! :	mg/L
16. Additional comments on development:			17. Well developed by: Name (fir	rst, last) and Firm
Developed well to bottom. No water in last bailer.		į	First Name: Eric  Firm Maxim Technologies, Inc.®	Last Name:Oleson
Name and Address of Facility Contact/Owner/Responsions  First Last Name: Name:		у	I hereby certify that the above info best of my knowledge.	ormation is true and correct to the
Facility/Firm:			Signature:	
Street:			Print Name:	
City/State/Zip:			Firm: Maxim Technologies, In	

	Watershed/Wastewa ∕Redevelopment □	ter □ Waste Management □ Other □	
Facility/Project Name WDNR-PCE INV.	County	Name	Well Name MW-15A
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
Can this well be purged dry?     Well development method	☐ Yes ■ No	Before Development  11. Depth to Water (from top of well casing)	After Development
surged with bailer and bailed surged with bailer and pumped surged with block and bailed surged with block and pumped surged with block, bailed and pumped compressed air bailed only pumped only pumped slowly	□ 41 ■ 61 □ 42 □ 62 □ 70 □ 20 □ 10 □ 51 □ 50	a7 . <u>8</u> <u>0</u> ft  Date b. <u>0</u> <u>6</u> / <u>1</u> <u>1</u> / <u>2</u> <u>0</u> <u>0</u> <u>2</u> mm d d y y y y  Time  □ A.M. c. <u>1</u> : <u>0</u> <u>5</u> ■ P.M.	$\frac{3 \ 0 \cdot 3 \ 4}{\text{nm} \ d} \text{ ft}$ $\frac{0 \ 6}{\text{mm}} \frac{1}{\text{d}} \frac{1}{\text{d}} \frac{2 \ 0}{\text{y} \ y} \frac{0 \ 2}{\text{y} \ y} \text{ y}$ Time $\frac{1}{\text{d}} : \underline{4} \ 0  \blacksquare \text{P.M.}$
Other3. Time spent developing well	3_5_ min.	12. Sediment in well bottom	<u>0</u> inches Clear ■ 20
4. Depth of well (from top of well casing)	<u>3160</u> ft.	13. Water Clarity Clear □ 10 Turbid ■ 15 (Describe)	Turbid □ 2: (Describe)
5. Inside diameter of well	<u>2</u> _in.	Silty Brown	Clear
6. Volume of water in filter pack and well casing	gal.		·
7. Volume of water removed from well	<u>1_70</u> gal.	<u> </u>	
8. Volume of water added (if any)	<u>0</u> gal.	Fill in if drilling fluids were used a	nd well is at solid waste facility:
9. Source of water added NONE  10. Analysis performed on water added?	- □ Vec ■ No	14. Total suspended solids NONE mg/L  15. COD	mg/L
(If yes, attach results)		_ NONE mg/L	mg/L
16. Additional comments on development:  Developed to clear. Bailed to bottom of well		17. Well developed by: Name (firs First Name: Eric Firm Maxim Technologies, Inc.®	t, last) and Firm Last Name:Oleson
		I hereby certify that the above infor best of my knowledge.	mation is true and correct to the
Facility/Firm:		Signature:	
Street:		Print Name:	
City/State/Zip:		Firm: Maxim Technologies, Inc	<u>®</u>

Route to: \ Remediation/			ter □ Waste Management □ Other □		
Facility/Project Name WDNR-PCE INV.	<u>read (elopi</u>	County 1	Name		Vell Name IW-15
Facility License, Permit or Monitoring Number	Cour	nty Code	Wis. Unique Well Number	1	DNR Well ID Number
Can this well be purged dry?     Well development method	☐ Yes	■ No	Before Development 11. Depth to Water (from top of well casing)		After Development
surged with bailer and bailed surged with bailer and pumped surged with block and bailed surged with block and pumped surged with block, bailed and pumped compressed air bailed only pumped only pumped slowly	□ 41 ■ 61 □ 42 □ 62 □ 70 □ 20 □ 10 □ 51 □ 50		a6 . 2 0 ft  Date b0 6 / 1 _1 / 2 0 0 2 mm d d d y y y y  Time  □ A.M. c1 2 : 2 0 ■ P.M.		$ \frac{1 \ 6 \cdot 0 \ 0}{\text{m m}} \frac{0}{\text{d}} \frac{1}{\text{d}} \frac{1}{y} \frac{2 \ 0}{y} \frac{0}{y} \frac{2}{y} $ Time $ \frac{1 \ 2 : 5 \ 5}{\text{m P.M.}} $
Other3. Time spent developing well	3_5	5_ inin.	12. Sediment in well bottom		<u>0</u> inches Clear ■ 20
4. Depth of well (from top of well casing)	20.	<u>3</u> ft.	Turbid ■ 15 (Describe)		Turbid \(\sigma 25\) (Describe)
5. Inside diameter of well	2	2_ in.	Light Brown		Clear
6. Volume of water in filter pack and well casing		gal.			
7. Volume of water removed from well	1_8	. <u>0</u> gal.			
8. Volume of water added (if any)	0	<u>)</u> gal.	Fill in if drilling fluids were used	and '	well is at solid waste facility:
	□ Yes ■	No	14. Total suspended solids NONE mg/L  15. COD		mg/L
(If yes, attach results)			NONE mg/L 17. Well developed by: Name (fi		
16. Additional comments on development: Developed to clear. Bailed to bottom of well.			First Name: Eric  Firm Maxim Technologies, Inc.®		,
Name and Address of Facility Contact/Owner/Responders  First Last  Name: Name:		7	I hereby certify that the above info best of my knowledge.	orma	tion is true and correct to the
Facility/Firm:			Signature:		
Street:			Print Name:		
City/State/Zip:			Firm: Maxim Technologies, In		

Route to: V Remediation/			ter □ Waste Management □ Other □		
Facility/Project Name WDNR-PCE INV.	<u> </u>	County N	Name		Name -14A
Facility License, Permit or Monitoring Number	Coun	ity Code	Wis. Unique Well Number	D	NR Well ID Number
<ol> <li>Can this well be purged dry?</li> <li>Well development method</li> </ol>	☐ Yes	■ No	Before Development  11. Depth to Water  (from top of well casing)	<b>I</b>	After Development
surged with bailer and bailed surged with bailer and pumped surged with block and bailed surged with block and pumped surged with block, bailed and pumped compressed air bailed only pumped only pumped slowly	□ 41 ■ 61 □ 42 □ 62 □ 70 □ 20 □ 10 □ 51 □ 50		a <u>1 7 . 4 0 ft</u> Date b <u>0 6 / 11 / 2 0 0 2</u> m m d d d y y y y  Time  ■ A.M. c <u>1 0 : 5 8 □ P.M.</u>		
Other		-			
3. Time spent developing well	5_0	<u>6</u> min.	12. Sediment in well bottom inches		<u>0</u> inches
4. Depth of well (from top of well casing)	_ 3_7.	<u>0</u> ft.	13. Water Clarity Clear □ 10 Turbid ■ 15 (Describe)		Clear ■ 20 Turbid □ 25 (Describe)
5. Inside diameter of well	2	<u>.</u> in.	Light Brown	-	Clear
6. Volume of water in filter pack and well casing	<del>-</del>	gal.		-	
7. Volume of water removed from well	4_8	. <u>0</u> gal.		-	
8. Volume of water added (if any)		<u>g</u> al.	Fill in if drilling fluids were used a	and we	ll is at solid waste facility:
J 1 -	□ Yes ■	No	14. Total suspended solids  NONE mg/L  15. COD		mg/L
(If yes, attach results)			NONE mg/L 17. Well developed by: Name (fir		
16. Additional comments on development: Developed to clear, bounced bailer on bottom			First Name: Eric  Firm Maxim Technologies, Inc.®	I	Last Name:Oleson
Name and Address of Facility Contact/Owner/Resp First Last Name: Name:	·	/	I hereby certify that the above info best of my knowledge.	ormatio	n is true and correct to the
Facility/Firm:			Signature:		
Street:			Print Name:	· · · · · · · · · · · · · · · · · · ·	
City/State/Zip:			Firm: Maxim Technologies, In		

	Watershed/Wa /Redevelopme		er □ Waste Management □ Other □	
Facility/Project Name WDNR-PCE INV.		County N	Name	Well Name MW-14
Facility License, Permit or Monitoring Number	County		Wis. Unique Well Number	DNR Well ID Number
1. Can this well be purged dry?	□ Yes ■	No	Before Development	After Development
2. Well development method			11. Depth to Water (from top of well casing)	
surged with bailer and bailed	<b>4</b> 1			
surged with bailer and pumped	□ 61		a. <u>1 0</u> . <u>5 0</u> ft	<u>1_4</u> . <u>5_0</u> ft
surged with block and bailed	□ 42			
surged with block and pumped surged with block, bailed and pumped compressed air	□ 62 □ 70 □ 20		Date b. <u>0 6 / 1 1 / 2 0 0 2</u> m m d d y y y y	0 6/1 1/2 0 0 2 mm d d y y y y
bailed only	□ 10			
pumped only	□ 51		Time	Time
pumped slowly	□ 50		■ A.M.	■ A.M.
Others	_		c. <u>1 0</u> : <u>0</u> 8 $\square$ P.M.	$1 0 : 3 8 \square P.M.$
Other		min	12. Sediment in well bottom	
3. Time spent developing well	3_0	_ 111111.		
			<u>0</u> inches	<u>0</u> inches
4. Depth of well (from top of well casing)	1_98	<u>8</u> ft.	13. Water Clarity Clear □ 10  Turbid ■ 15  (Describe)	Clear ■ 20 Turbid □ 25 (Describe)
5. Inside diameter of well	2	in.	Light Brown	Clear
6. Volume of water in filter pack and well casing	g	al.		
7. Volume of water removed from well	2_6.0	<u>)</u> gal.		
8. Volume of water added (if any)		gal.	Fill in if drilling fluids were used an	nd well is at solid waste facility:
			14. Total suspended solids	
9. Source of water added <u>NONE</u>	_		<u>NONE</u> mg/L	mg/L
10. Analysis performed on water added?	□ Yes ■ N	lo	15. COD	
(If yes, attach results)			NONEmg/L	
16. Additional comments on development:			17. Well developed by: Name (first	t, last) and Firm
Developed to clear			First Name: Eric	Last Name: Oleson
			Firm Maxim Technologies, Inc.®	
Name and Address of Facility Contact/Owner/Res	ponsible Party			2 1 1 1
First Last Name: Name:			I hereby certify that the above information best of my knowledge.	mation is true and correct to the
Facility/Firm:			G'	
Street:	· · · · · · · · · · · · · · · · · · ·		Signature: Print Name:	
City/State/Zip:		l	Firm: Maxim Technologies, Inc	
J				·

	watersned/wastewa /Redevelopment 🏻	Other   Waste Management   Other	
Facility/Project Name	County		Well Name
WDNR-PCE INV.	Maratho		B-4A
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
1. Can this well be purged dry?	☐ Yes ■ No	Before Development	After Development
2. Well development method		11. Depth to Water (from top of well casing)	
surged with bailer and bailed	<b>4</b> 1		
surged with bailer and pumped	□ 61	a. <u>1 2 . 6 0</u> ft	$\underline{3} \underline{0} \cdot \underline{0} \underline{0} \underline{0} \underline{f} \underline{t}$
surged with block and bailed	□ 42 □ 62	D .	
surged with block and pumped surged with block, bailed and pumped	□ 62 □ 70	Date b. <u>0 6 / 1 1 / 2 0 0 2</u>	0 6 / 1 1 / 2 0 0 2
compressed air	□ 70 □ 20	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	mm dd yyyy
bailed only	□ 10		
pumped only	□ 51	Time	Time
pumped slowly	□ 50	□ A.M.	□ A.M.
		c. <u>2</u> : <u>0</u> <u>5</u> ■ P.M.	$\underline{}$ : $\underline{}$ 5 $\underline{}$ P.M.
Other			
3. Time spent developing well	<u>7</u>	12. Sediment in well bottom	
		4 . <u>0</u> inches	<u>0</u> inches
4. Depth of well (from top of well casing)	<u>3_8.40</u> ft.	13. Water Clarity Clear ■ 10 Turbid □ 15 (Describe)	Clear ■ 20 Turbid □ 25 (Describe)
5. Inside diameter of well	2_ in.	Light Brown	Clear
6. Volume of water in filter pack and well casing	gal.		
7. Volume of water removed from well	<u>3_0.0</u> gal.		
8. Volume of water added (if any)	<u>0</u> gal.	Fill in if drilling fluids were used a	and well is at solid waste facility:
		14. Total suspended solids	
9. Source of water added <u>NONE</u>	-	NONE mg/L	mg/L
			mg L
<ul><li>10. Analysis performed on water added? (If yes, attach results)</li></ul>	☐ Yes ■ No	15. CODNONE mg/L	mg/L
16. Additional comments on development:		17. Well developed by: Name (first	
Fast recovery		First Name: Eric	Last Name:Oleson
1460100011			Edds 1 (diffe. G10001)
		Firm Maxim Technologies, Inc.®	
Name and Address of Facility Contact/Owner/Resp	onsible Party		
First Last	onsion I arty	I hereby certify that the above infor	rmation is true and correct to the
Name:Name:		best of my knowledge.	
Facility/Firm:			
Charach.		Signature:	
Street:	<del></del>	Print Name:	,
City/State/Zip:		Firm: Maxim Technologies, Inc	e.®

Project #2330610 July 2, 2002

### **DAILY FIELD ACTIVITY LOGS**

1837 County Highway J • Chippewa Falls, WI • Telephone: 715/832-0282 • Fax: 715/832-0541

M	4 <i>X</i>	I/I	1
TECHI	VOI O	GIFS	INC

Page \_\_\_\_ of \_\_\_\_

### **DAILY FIELD ACTIVITY LOG**

Project:	Recorded By:			Date: 6/3/0 2			
Work Order Nu	ımber:	Reviewed By:		Date:			
Project Manage	C. Oleso		Location:	A State food	, WI		
Weather Condit	ions: 004/CA	ist, cool, ch	ance rain	All A	eriup C	60:	
TIME -							
Leave Lab	Arrive Site	Lunch From To	Leave Site	Arrive Lab	Total Travel Time	Total Field Time	
MILEAGE -	1				l		
Leave Lab	Arrive Site	Lunch	Leave Site	Arrive Lab	Total	Miles	
			-				
PERSONNEL	ON SITE: (Ma	xim, Client, Regu	latory, Subcont	ractor, Visitors	)		
·	Name		Work Performed Time				
Scott Bro	demay / Te	tra Tech	Ovilling oversight. 0800-173				
Eric Oles	- / max	im.	Drilling oversight. D800-173  His S / Field Manage. 0860-    Driller Helper 0800-				
Eric A.	nde son / N	lexiun.	Driller Helper 1800 -				
Tros No	- Nieder	1. Maxim.	Diller. 3800 - 4				
FORMS COMI	PLETED ON SI	TE: (Give numbe	er if appropriat	e)			
Water Level Da	ta		Subcontractor Documentation Form				
Sampling Inforn	nation Form		Preliminary Site Evaluation Form				
Chain of Custod	y		Other:	and the second second second second	and the second of the second o	- Paragon de como contra de la como de la como de la como de la como de la como de la como de la como de la co	
MAXIM EQUI	MAXIM EQUIPMENT: (Water sampling, well development, personnel safety, decontamination)						
Item	ID#	Field Performance	Item	ID#	Field Per	formance	
HNU 11.7eV	4231-A-0104	needs work of					
OVM U. Bei	OVM-3	Opeable					

1837 County Highway J ● Chippewa Falls, WI 54729 ● Telephone: 715/832-0282 ● Fax: 715/832-0541

(Continued on back □)

MAXIM TECHNOLOGIES INC
SITE ACTIVITY - (Activities performed by Maxim, contractors, regulators; problems such as accidents, breakdowns, interference; data summaries; contract change orders; reportable comments on site history, regulatory action, contractual agreements.)  800 - 1030 Set-up decon phot, drill rig.
1030 - 1200 Ord MW-16 to 18 ft bys Cont. Sampling
1200 - 1230 Allow bering to sit. Her rising.
1230 - 1340 MW-16 inskulation.
13V5 - Set up over MW-16A
1315 - Set up over MW-16A 1400 - 431550 Dill 16A to 20'
· · ·
1550 - Hammer jammed nig down. Call in to shop.  1645 - 1650 Truch repairmon on site Rig needs to go into shop
1950 - 1730 Secure site. Drums labeled + staged behind build
1730 - Mob truck to Northwestern Truck Regain.
1800 - EOUSON / Eric ANDERSON - Set up Decon ARA
THE LANDEIL LEFT MT 5:00-5:30 MGBE TO
EAU-CLANE
Note: DNR client changed sumpling 5 chance plan in held. Maxim
sesponded in DNR direction.
PROJECT: 2330610 RECORDERS SIGNATURE: DATE: 6/4/62
WORK ORDER UMBER: REVIEWED BY:DATE: 4/6/02

Project: ALGO DNR PCE	Bland, WI	Recorded By:	\$ *	Date:	-1	
DNR PCE	invest.	Recorded By: S. Broch	way	6/A	- 02	
Work Order Nu	ımber:	Reviewed By:	<b>a</b>	Date:		
Project Manage	r. E. oles	on.	Location:	blooks ford.	WI	
Weather Condit	ions: Cloud	, cold, cha-	ice ppt M	gu wif ,	winde light	+ Vanzak.
ΓIME -		,	•	6		
Leave Lab	Arrive Site	Lunch From To	Leave Site	Arrive Lab	Total Travel Time	Total Field Time
			-			
MILEAGE -						
Leave Lab	Arrive Site	Lunch	Leave Site	Arrive Lab	Total	Miles
	l .		1		1	
ng:		<u> </u>	1		1	
				1	1	· ·
PERSONNEL (	       ON SITE: (Ma	    xim, Client, Regu	latory, Subcont	ractor, Visitors	)	
PERSONNEL (	ON SITE: (Ma	xim, Client, Regu		ractor, Visitors Work Performed		Time
	Name	xim, Client, Regu	iqeo		1 0	0630 - 143
Scott Brothwe Ene Oleson	Name		Geo Hrs   fm		1 0	0630 - 143 0630 -1430
Stott Brochwe Ene Oleson Eric Anderss	Name		Geo Hrs   fm		1 0	0630 - 1430 0630 -1430 0630 -1430
Scott Brochwa Ene Oleson Eric Anderss	Name		iqeo		1 0	0630 - 143 0630 -1430 0630 -1430
Wott Brochwa Ener Oleson Enic Anderso Troy Nieder	Name  T		Geo Hrs fm Helper Diller	Work Performed	1 0	0630 - 143 0630 -1430
Scott Brochwo Erie Oleson Eric Anderso Troy Nieder	Name  Name  L  L  PLETED ON SI		Geo Helper Diller er if appropriat	Work Performed	1 0	0630 - 1430 0630 -1430 0630 -1430
West Brothwe Eric Oleson Eric Anderso Troy Nieder FORMS COMI	Name  A  L  PLETED ON SI	ITE: (Give numb	Geo  Helper  Orler  er if appropriat  Subcontractor  Preliminary Si	e)  Documentation Interpretation For	Form	0630 - 1430 0630 - 1430 0630 - 1430
Woth Brochwa Eric Oleson Eric Anderso Troy Nieder FORMS COMI Vater Level Dai	Name  H.  PLETED ON SI  ta  nation Form	ITE: (Give numb	Geo  Helper  Orler  er if appropriat  Subcontractor  Preliminary Si	e)  Documentation Interpretation For	Form	0630 - 1430 0630 - 1430 0630 - 1430
West Brochweller Diesen  Eric Anderse  Troy Nieder  FORMS COMI  Vater Level Da  Sampling Inform  Chain of Custod	Name  Name  Name  Name	ITE: (Give numb	Geo  Helper  Diller  er if appropriat  Subcontractor  Preliminary Sin  Other: Bonn	e)  Documentation Interpretation For the graduation Formula (Co. 1925)	Form   orm   out.) Mw-	0630 - 1430 0630 - 1430 0630 - 1430 0630 - 1430
West Brochweller Diesen  Eric Anderse  Troy Nieder  FORMS COMI  Vater Level Da  Sampling Inform  Chain of Custod	Name  Name  Name  Name  Name	ITE: (Give numb	Geo  Helper  Diller  er if appropriat  Subcontractor  Preliminary Sin  Other: Bonn	e)  Documentation Interpretation For the graduation Formula (Co. 1925)	Form	0630 - 1430 0630 - 1430 0630 - 1430 0630 - 1430
Cloth Brochwellers Oleson  Ene Oleson  Ene Oleson  Ene Oleson  Ene Oleson  Ene Oleson  Ene Oleson  FORMS COMI  Vater Level Date  Sampling Inform  Chain of Custod  MAXIM EQUI  Item  LNV 11.7eV	Name  PLETED ON SI  ta  nation Form  PMENT: (Wat	ITE: (Give numb	Geo  Helper  Diller  er if appropriat  Subcontractor  Preliminary Sit  Other: Bond  development, p	e)  Documentation I  te Evaluation Fo  con logs (Con  ersonnel safety,	Form	0650 - 1430 0630 - 1430 0630 - 1430 0630 - 1430
Scott Brochwa Ene Olesan En Olesan En Nieder FORMS COMI Vater Level Dal Sampling Inform Chain of Custod MAXIM EQUI	Name  Name  Name  Name  Name	ITE: (Give numb	Geo  Helper  Diller  er if appropriat  Subcontractor  Preliminary Sit  Other: Bond  development, p	e)  Documentation I  te Evaluation Fo  con logs (Con  ersonnel safety,	Form	0650 - 1430 0630 - 1430 0630 - 1430 0630 - 1430

<u> </u>	
MAXIV TECHNOLOGIES I	
SITE ACTIVITY	Y - (Activities performed by Maxim, contractors, regulators; problems such as accidents, breakdowns, interference; data summaries; contract change orders; reportable comments on site history, regulatory action, contractual agreements.)
0630	arnix @ sik, sel-up rig.
	Begin @ Mw-16A
0915	MW-16A to 39' bgs. 3" spoon Sand-locked in side HSA.
0945	Begin pulling anger. Client instrukt Maxim to install Tellon plug, redrill and install MW-10H. A Steady rain.
1045	Bit back down to depth of HSA. + plug.
1115	Begin Mi - instaclation.
1130	Add 12 gas theo to NC to allow well to set - very brought.
	Begin sand pack install. Pipe still very buoyant.
1215	One bag downlide - dropping Sand v. Slowly Expelorogent
1745	Scool bag downhole - "
7 1255	Bridge @ 12 Pt. begin backing out angers, attempt to free the by
1325	All USA removed. Hole collapsed @ 12 ft bys (420 table)
	Rig cutting out. Client & Maxim agree to discontinued illing activity 3/3" bent. Chips from 12 ft to 2 ft bas Chient instructed maxim to complete well head installation. Site cleaning and a
14:605	Maxim to complete well head installation. Site cleaning and of
1430	Depart Site. Note: Orill crew worked well within the Limitations of the work as described in the SOW. Every effort
	wise deliberate and win standard practice. Contractual issues were discussed regarding the need to drill core bedroin sandstone
	were discussed regarding the need to drill core bedrock sandsme we equipment not dissipped for that function A cathing head and
	we equipment not disigned for that function. A cutting head and lead a vager were highly damaged in the course of executing the sound

WORK ORDER NUMBER: \_\_\_\_\_ REVIEWED BY: \_\_\_\_\_ DATE:\_

PROJECT:

1837 County Highway J ● Chippewa Falls, WI 54729 ● Telephone: 715/832-0282 ● Fax: 715/832-0541

work. Maxim for was made ance of the circumstances.

Project:	E Investigat	Recorded By:		Date:	ilor	
Work Order Nu	ımber:	Reviewed By:		Date:	······································	
Project Manager	r: E. X	esor my, wam	Location:	sbofelord,	iss	
Weather Condit	ions: Sun	my wam				
TIME -		U				
Leave Lab	Arrive Site	Lunch From To	Leave Site	Arrive Lab	Total Travel Time	Total Field Time
MILEAGE -						
Leave Lab	Arrive Site	Lunch	Leave Site	Arrive Lab	Total	Miles
PERSONNEL (	ON SITE; (Ma	xim, Client, Regu	latory, Subcont	ractor, Visitors	)	
	Name			Work Performed		Time
						noting 1-1
Scott Brown	chway		Geo			0400 - 17
Scott Brown	chweng m		Geo Hrs.	_		0600 - 1
Scott Brown En's des	chway m Yeson		Geo Hrs. Helper	_		0600 - 17 0600 - 173
Scott Brown En's description En's And Trong No	chway m Vesson edert-		Us.  Helper  Ditle			0600-17
U	san asalikili . garanga	TE: (Give numb	Hrs. Helper Dille	e)		0600 - 17 0600 - 173 0700 - 17
U	PLETED ON SI	TE: (Give numb	If s .  It elper  Ditte  er if appropriate	e) Documentation F		0600 - 17 0600 - 173 0700 - 17
FORMS COME	PLETED ON SI		Hrs. Helper Dille er if appropriate Subcontractor		Form $\square$	0600 - 17 0600 - 173 0700 - 17
FORMS COMP	PLETED ON SI ta nation Form		Hrs. Helper Dille er if appropriate Subcontractor	Documentation F	Form $\square$	0600 - 17 0600 - 173 0700 - 17
FORMS COMI Water Level Dat Sampling Inform Chain of Custod	PLETED ON SI ta nation Form y		Hrs. Helper Diller er if appropriate Subcontractor Preliminary Sit Other:	Documentation Fo	Form   rm	0600 - 17 0600 - 17 0700 - 17
FORMS COMI Water Level Dat Sampling Inform Chain of Custod MAXIM EQUIL	PLETED ON SI ta nation Form  y PMENT: (Wat	er sampling, well	thrs. itelper Ditter  er if appropriate Subcontractor  Preliminary Sit Other: development, p	Documentation For Evaluation For Eva	Form   rm   decontamination	0600 17 0600 17 0700 17
FORMS COME Water Level Dat Sampling Inform Chain of Custod MAXIM EQUIL	PLETED ON SI ta nation Form y	er sampling, well Field Performance	Hrs. Helper Diller er if appropriate Subcontractor Preliminary Sit Other:	Documentation Fo	Form   rm   decontamination	0600 - 17 0600 - 17 0700 - 17
FORMS COMI Water Level Dat Sampling Inform Chain of Custod MAXIM EQUIL	PLETED ON SI ta nation Form  y PMENT: (Wat	er sampling, well Field Performance	thrs. itelper Ditter  er if appropriate Subcontractor  Preliminary Sit Other: development, p	Documentation For Evaluation For Eva	Form   rm   decontamination	0600 17 0600 17 0700 17
FORMS COME Water Level Dat Sampling Inform Chain of Custod MAXIM EQUIL	PLETED ON SI ta nation Form  y PMENT: (Wat	er sampling, well Field Performance	thrs. itelper Ditter  er if appropriate Subcontractor  Preliminary Sit Other: development, p	Documentation For Evaluation For Eva	Form   rm   decontamination	0400 14

MAXIM TECHNOLOGIES INC	
SITE ACTIVITY -	(Activities performed by Maxim, contractors, regulators; problems such as accidents, breakdowns, interference; data summaries; contract change orders; reportable comments on site history, regulatory action, contractual agreements.)
0600	On-site decon/set-up.
0830	ONR anives.
0885	Begin drilling MW-14A
lozo	Begin drilling MW-14A MW-14A ASA refusal. Begin Mw instaclation.
1200	MW-14 A set. Steam clean HSp.
1300	Begin nw-14
1340	Med-18 to 18 ft bys. Begin mw install.
1400	Sand bridge in 184.
1500	HSA out + cleaned. Tellon plug in stalled.
1600	MW-IN installed.
430	A mw-15, Coud for 3" ss 4-6,6-8"
1730	Defait size.
PROJECT:	RECORDERS SIGNATURE: San DATE: General Date:
l .	UMBER: REVIEWED BY: DATE:

Project:	ce invest.	Recorded By:		Date:	162	
Work Order Number: Reviewed By:				Date:		
Project Manager:  Under Conditions:  Weather Conditions:  TIME -		Location:				
Weather Condit	tions: La	ma, was	a Mah	of Joseph		
TIME -		V	V			
Leave Lab	Arrive Site	Lunch From To	Leave Site	Arrive Lab	Total Travel Time	Total Field Time
		1	<u> </u>			
MILEAGE -				<u> </u>		
Leave Lab	Arrive Site	Lunch	Leave Site	Arrive Lab	Total	Miles
PERSONNEL	ON SITE: (Ma	xim, Client, Regu	ilatory, Subcont	ractor, Visitors	)	
	Name			Work Performed	[	Time
VOT B	t Nobreg m.		toco	·		0700-183
LARCOLAN	A. C.		11/2/FM 0			<u> 1940 - 183</u>
Ton Both	4		Delga.			<u> 2400 - 153</u> 0130 - 162
Eriz Ah	yris. Wikarista Idago ya isa		On 101 0403 - 1			
Water Level Da		ITE: (Give numb	1		lorm 🗆	
Sampling Inform		П .	Subcontractor Documentation Form  Preliminary Site Evaluation Form			
Chain of Custoc			Other:			
MAXIM EQUI	PMENT: (Wat	er sampling, well	development, p	ersonnel safety,	decontamination	in)
	ID#	Field Performance	Item	ID#	, Field Per	formance
Item						
Item						
Item						<u> </u>

MAXIM TECHNOLOGIES INC	
SITE ACTIVITY -	(Activities performed by Maxim, contractors, regulators; problems such as accidents, breakdowns, interference; data summaries; contract change orders; reportable comments on site history, regulatory action, contractual agreements.)
0700 a	rrive@ site
01/5	Begin drilling a MW-15 String + constal to 0. 15
1830	Begin drilling @ MW-15 Strick + Campile to 3. 3/5 Myns to 19 Ct. Begin mu intellation.
	MW-16 complete
1000	Move to MW-15A
55	MW-15A to 29 A. Segio nell installation.
nuto	MU-15A Complete
1305-11	130 Dean ( denn up mw-15A area
145.	@ B-4A set up realy to drill.
1630 -	B-4A to 35' begin well indollated in
	B-4A complete. The cleaned up & so could
	Depart site.
·	
PROJECT:	

		Recorded By:		Date:	<u>,                                      </u>	
Project: 2330	0610		LSOW	Date. 6	11/02	
Work Order N		Reviewed By:		Date:	l	
Project Manage	er:	ı	Location:	/D Y	Bbotsfor	ν <b>Ω</b>
Weather Condi	tions:			Nr - 14	וטובוסמבו	<u></u>
TIME -						
Leave Lab	Arrive Site	Lunch From To	Leave Site	Arrive Lab	Total Travel Time	Total Field Time
6:00	7:00		4:00	5:00	2,	4
MILEAGE -						
Leave Lab	Arrive Site	Lunch	Leave Site	Arrive Lab	Total	Miles
200,000	200,068		200,068	200,136	140	)
Augustus Aeristonii i	000 15450 000000000000000000000000000000	open men processourse non -				eres contracts according to the con-
				3.1 A 64 SECTION SECTIONS (1998).		
PERSONNEL	to the registration of the state of	xim, Client, Regu	I			<b></b>
	Name	xim, Client, Regu		Work Performed	1	Time
PERSONNEL	Name	xim, Client, Regu シッツ	I		1	Time
	Name	xim, Client, Regu		Work Performed	1	Time
	Name	xim, Client, Regu		Work Performed	1	Time
S.	Name	xim, Client, Regu	Well	Work Performed  Develop	mt Binch(	•
FORMS COM	Name  Name	>0N	well	Work Performed  Develop	my Buch	•
FORMS COM	Name  PLETED ON SI	ンシン) TE: (Give numbe	er if appropriate Subcontractor Preliminary Sit	e)  Documentation For Evaluation For	out	•
FORMS COM Water Level Da Sampling Inform	Name  PLETED ON SI  Ita  mation Form	ンさい) TE: (Give numbe	well er if appropriate Subcontractor	Work Performed  Develop  S  e)  Documentation Formed	out	•
FORMS COM Water Level Da Sampling Inform	Name  PLETED ON SI  Ita  mation Form  dy  IPMENT: (Wat	TE: (Give numbe	er if appropriate Subcontractor Preliminary Sit Other:	Work Performed  Develop  S  Documentation For Evaluation For S  Port S	Form.	
FORMS COM Water Level Da Sampling Inform Chain of Custoe MAXIM EQUI	Name  PLETED ON SI  Ita  mation Form  dy  PMENT: (Wat	TE: (Give number of the control of t	er if appropriate Subcontractor Preliminary Sit Other:	e) Documentation For Evaluation For Poly Dec.	Form decontamination	n)
FORMS COM Water Level Da Sampling Inform	Name  PLETED ON SI  Ita  mation Form  dy  IPMENT: (Wat	TE: (Give number	er if appropriate Subcontractor Preliminary Sit Other:	Work Performed  Develop  S  Documentation For Evaluation For S  Port S	Form.	n)
FORMS COM Water Level Da Sampling Inform Chain of Custoe MAXIM EQUI	Name  PLETED ON SI  Ita  mation Form  dy  PMENT: (Wat	TE: (Give number of the control of t	er if appropriate Subcontractor Preliminary Sit Other:	e) Documentation For Evaluation For Poly Dec.	Form decontamination	n)

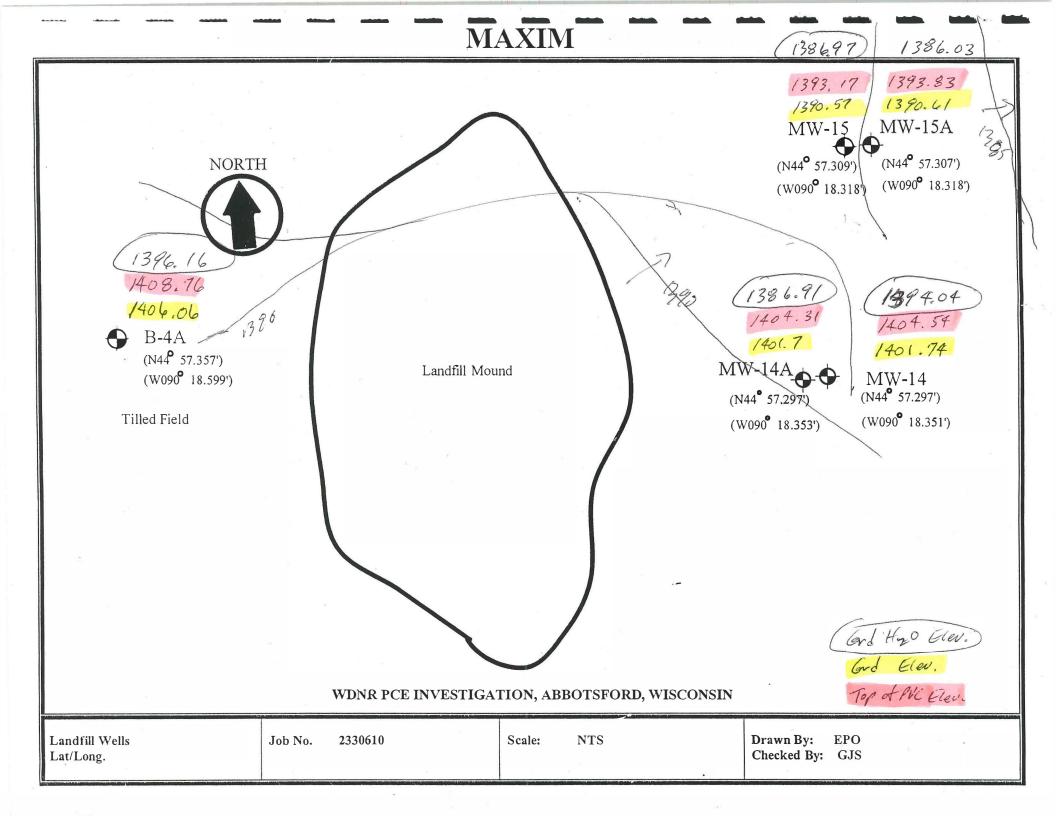
MAXIM TECHNOLOGIES INC	
accidents,	performed by Maxim, contractors, regulators; problems such as breakdowns, interference; data summaries; contract change orders; comments on site history, regulatory action, contractual agreements.)
Arnua on-	site - 7:00 - 7:00-7:40 Prep
7:40 - 4:	00 - Develop AN wells + Drom of Devolut
	Wa ter
· · · · · · · · · · · · · · · · · · ·	
PROJECT:	RECORDERS SIGNATURE: DATE: 11/07
WORK ORDER NUMBER	REVIEWED RY: DATE:

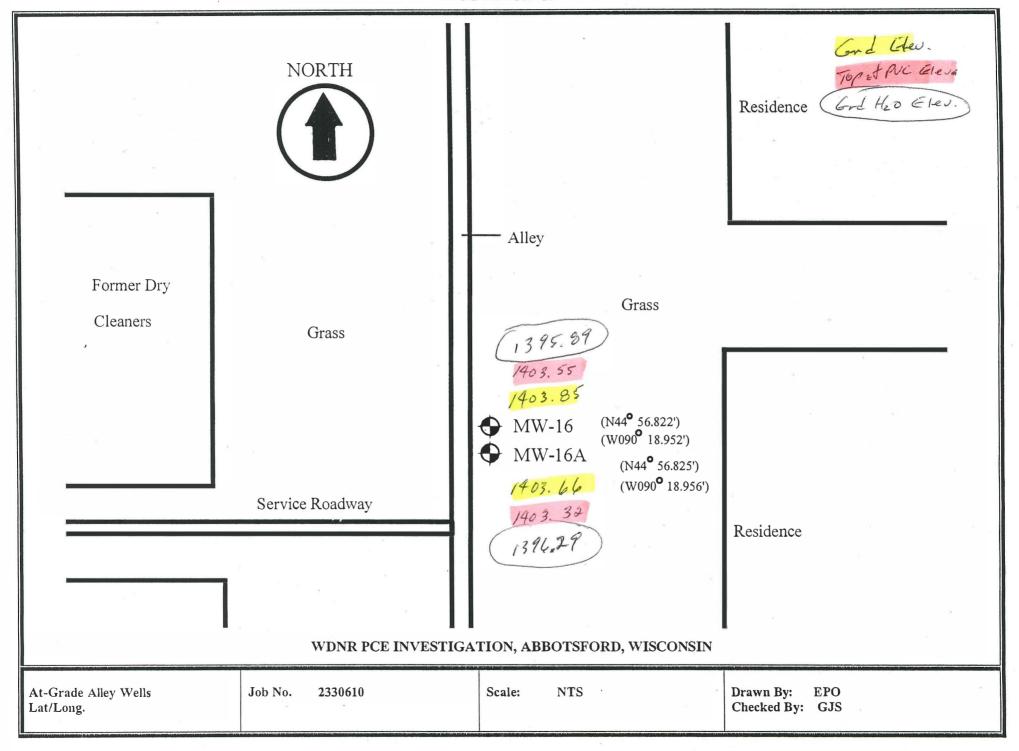
	IES INC	DAILY FI			<i>r</i> 1	
Project:	Josotsfon	Recorded By		Date:	18/02	
Work Order Nu	ımber:	Reviewed By:		Date: l	ı	
Project Manage	er: (,.5.	HILT	Location	BBots fer	ادے ا	 
Weather Condit			1 1 3	()	<del>)                                    </del>	
TIME -						
Leave Lab	Arrive Site	Lunch From To	Leave Site	Arrive Lab	Total Travel Time	Total Field Time
11:00	12:00		7:00	8:∞	2	
MILEAGE -						
Leave Lab	Arrive Site	Lunch	Leave Site	Arrive Lab	Total	Miles
	<u> </u>					
PERSONNEL	ON SITE: (Ma	xim, Client, Regu	latory Subcont	ractor Visitors		
	Name		<u> </u>	Work Performed		Time
Enic	<u> </u>	sow)	5.	- Buck		
Gren	Stew	wheth				
	<u>)                                    </u>		1			
			<u> </u>	e i koji ji		
FORMS COMI		TE: (Give numb	T			
Water Laud Da	<del>-</del>		<u> </u> 	Documentation Fo	'	
Water Level Dat	Sampling Information Form		.1			
Sampling Inform			Other:			
Sampling Inform	y		Other:	ersonnel safety.	decontaminatio	in)
Sampling Inform	y	□ er sampling, well Field Performance	0.0000000000000000000000000000000000000	ersonnel safety, ID#	decontamination	
Sampling Inform Chain of Custod MAXIM EQUI	y PMENT: (Wate	er sampling, well Field	development, p			
Sampling Inform Chain of Custod MAXIM EQUI	y PMENT: (Wate	er sampling, well Field	development, p			

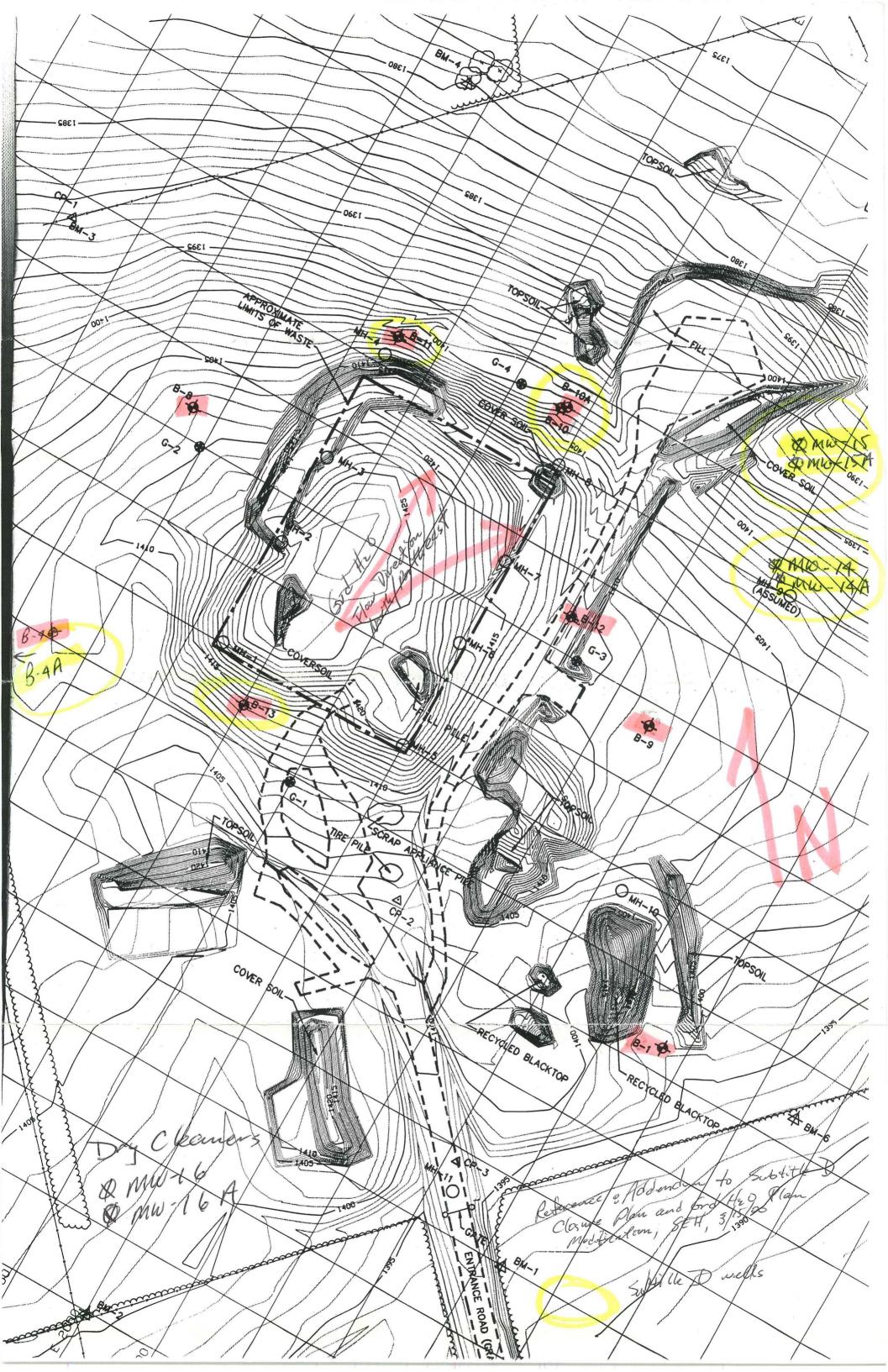
Page ]

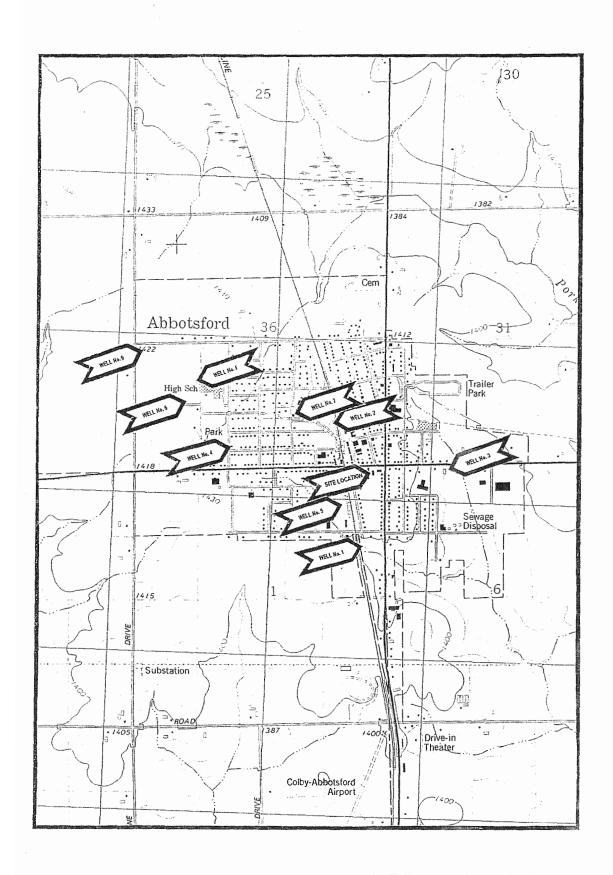
of

MAXIM TECHNOLOGIES INC				
	ivities performed by Maxin lents, breakdowns, interfer rtable comments on site his	ence; data summar	ies; contract char	nge orders;
12:∞ -	2:00 - 1	_ notall	AN Boup	r bots
2:00 - 6	5:30 - 5	sorry a	rel/s	
6:00-	7:.00 -	le-St/	Ally Pa	7
			· · ·	
PROJECT:	RECORDERS	SIGNATURE:	The_	DATE:
WORK ORDER NUMBI	ER. REV	IEWED RY		DATE.









NOTE: Taken from the

Abbotstord, WI
7.5 Minute USGS

EDITORITATION AND THEATT

FIGURE 1
SITE LOCATION MAP

State of Wisconsin Department of Natural Resources and Laboratory of Hygiene

## Organic Test Request Form 4800-016 (R 8/00) Page 1 of 2

ID, Permit or STORET Number	Point, Well or Outfall Number	Field Number	County No.	Program Code	Region
W		<u>                                     </u>			<u>9</u>
Waterbody Number Sample Addre	ess or Location  Farford Sant	ary Sewer			
Sample Point Description / Sampling		J. Sewer			
	south at land	14/			
Send Rep		Sample Type (select of	one)		
	Needed (mm/dd/yyyy)			/T   \N/	4
Date Results	Needed (IIIII/dd/yyyy)	SU Surface Water		ent (Treated Was	
		NP Storm Water		nt (Untreated Wa	istewater)
Name // /	26 th 162	SE Sediment		nitoring Well	
John M. Gr	ung	SL Sludge	LY Lysii		
Address		LE Leachate	∐ so s₀		Use:
Call Boy 400	01	TI Tissue	OI Oil	Priority	
City	State Zip	E Public Drinking F	Entry Point OW Wa	ste L	
Ean Claire	WI 54702-400)	W Public Drinking W	Vell/Source 🗌 PO Priv	ate Well	
Account Number   Collected By		D Public Drinking D	istribution X Non-F	otable Well	
RRO19 John	Grump	BETOMPHER TO THE TWO TO SE	king Water - select one)		
Lakes Grant or Project Number	Telephone Number	N New Well		mation (follow up	)
The second section of the second	715-839-3775	Investigation	D Comp		<u></u>
Begin or Grab Date (mm/dd/yyyy)	Begin Time (24-hr clock)	W Raw water (drinl		liance	
	8:00	W Naw water (driff)	Killy)		
I 0/03 (2000) End Date - For Composite Samples		E Enforcement	Depth of Sample (feet or	meters)	Mary Same
Only (mm/dd/yyyy)	End Time (24-hr clock) - For Composite Samples Only			F or M	
ABOV A REAR LOCAL	ENGERNAL SEE JORGA	Is Sample Disinfected?	☐Yes ☐ No If Yes	, how?	of the state of
Water / Soil (check one of the	following)	Toxicity Characteristic	c Leaching Procedure	(TCLP)	4.
uantification (EPA Method 8260	)	(Check one or more of		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
uantification (Drinking Water-EP	A Method 524.2)	VOCs - TCLP	Acid	l Herbicides - TCL	LP
Priorit Pollutant Scan (Non-VOC)	Phorate			4-D	
Priority Pollutant Pesticides	Terbufos	Base/Neutral Extrac	ctables - TCLP 2,	4,5-TP (Silvex)	
Priority Pollutant Base/Neutral/Acid	Atrazine	2,4-Dinitrotoluene Hexachlorobenze		orinated Pesticide	s - TCLP
<b>PCBs</b>	Deethylatrazine	Hexachlorobutadi		nlordane	
Aroclor Identification	Deisopropylatrazine	Nitrobenzene	Ei	ndrin	
Congeners	Diaminoatrizine	Pyridine		eptachlor	
Coplanar	Alachlor	Acid Extractables -	ICIP	eptachlor Epoxide ndane	•
Petroleum Products	Metalachlor	2-Methylphenol	îvî	ethoxycnior	
Gasoline	Cyanazine	3 & 4-Methylphen Pentachloropheno		oxaphene	
Fuel Oil #1	Metribuzin	2,4,6-Trichlorophe			
Fuel Oil #2	Simazine	2,4,5-Trichlorophe			
☐ GRO	Prometon	Ignitability (Haz. W	laste Char.)		
∐ DRO		A 1 1111			
PAHs (GC/MS)	Aldicarb & other carbamates	Additional parameters  4-60ml  difficult	1 H/16 2	ale - V	eva
PAHs (HPLC)	Dimethoate	4-60ml	Dofiles de	7	
Pesticides	Dinoseb	of the alt	5amplen	7	1 1
Carbaryl	DCPA	City 1		-	
Carbofuran	Ethylene Dibromide				
2,4-D	Linuron				
	Fonofos		D . D		
	Butylate	For Lab Use:	Date Received	S	Sample ID
Chloramben	EPTC	Temp °C Wd		F-11	and and and and and and and and and and
Picloram		Temp o	OCT 03	2000   00	.000678
Dicamba	Formaldehyde (Water Only)	Analyst/VCC		UL.	טיטטטט,
			#CO	est chain-	

### **Partial Instructions**

See Chapter 4 "Lab Slips" of the Field Procedures Manual (see http://intranet/int/es/science/ls/fpm/IV.htm) for further instructions and definitions.

The ID, Permit or STORET Number and Point, Well or Outfall Number fields should contain the appropriate IDs, left justified, for the program system the sample is for:

Program	ID Number	Example	Pt./Well	Example
Water Supply - Privates	Unique Well No.	AA999	Blank	•
Water Supply - Publics RAW	PWS ID No.	24100567	Well No.	002
Water Supply - Publics DIST	PWS ID No.	24100567	Blank	
Waste Management	License No.	00130	Point ID	AD6
Watershed Management	Permit No.	0000030	Outfall No.	001
Fish Management & Habitat Protection	Storet No.	265013	Blank	
Remediation & Redevelopment	CERCLIS No.	006094197	Point ID	001
Remediation & Redevelopment	FID	268181770	Point ID	001 y
Remediation & Redevelopment	Brownfields No.	00000003	Point ID	001

The **Sample Address or Location field** should be the "entity" name, and depends on the program the sample is for. For example, Facility, Site, Licensee, River/Lake, Owner, etc. Following this information, include the address of the facility or site (if appropriate).

The **Sample Point Description field** should include a description of the point within the property that the sample was collected. For example, secondary settling tank effluent or faucet prior to pressure tank.

The **Program Code** is a two-digit DNR program abbreviation such as WT for Watershed, DG for Drinking and Groundwater, WA for Waste Management, and etc.

The **Region Code** is a single numeric code for the appropriate DNR region (1 is SCR, 2 is SER, 4 is NER, 6 is WCR & 7 is NOR). The computer will assign a region based on the county.

The **Account Number** must be completed in order for the samples to be billed to the correct funding source. If you are unsure what the proper account number is refer to http://intranet/int/es/science/ls/Account.htm or contact the DNR Laboratory Coordinator or the State Laboratory of Hygiene.

The Lake Grant or Project Number field should include the Lake Planning Grant Number or the Project Number.

## **County Code**

Adams	01	Florence	19	Marathon	37		Rusk		55
Ashland	02	Fond du Lac	20	Marinette	38		St. Croix	;	56
Barron	03	Forest	21	Marquette	39		Sauk	,	57
Bayfield	04	Grant	22	Menominee	40		Sawyer		58
Brown	05	Green	23	Milwaukee	41		Shawano		59
Buffalo	06	Green Lake	24	Monroe	42		Sheboygan	(	60
Burnett	07	lowa	25	Oconto	43		Taylor	(	61
Calumet	80	Iron	26	Oneida	44		Trempealeau	(	62
Chippewa	09	Jackson	27	Outagamie	45		Vernon	(	63
Clark	10	Jefferson	28	Ozaukee	46		Vilas	(	64
Columbia	11	Juneau	29	Pepin	47		Walworth	(	65
Crawford	12	Kenosha	30	Pierce	48		Washburn	(	66
Dane	13	Kewaunee	31	Polk	49		Washington		67
Dodge	14	La Crosse	32	Portage	50		Waukesha		68
Door	15	Lafayette	33	Price	51	-	Waupaca	(	69
Douglas	16	Langlade	34	Racine	52		Waushara		70
Dunn	17	Lincoln	35	Richland	53		Winnebago		71
Eau Claire	18	Manitowoc	36	Rock	54		Wood		72

State Laboratory of Hygiene
University of Wisconsin Center for Health Sciences
2601 Agriculture Drive, Madison, WI 53707-7996
R.H. Laessig, Ph.D., Director D.F. Kurtycz, M.D., Medical Director

Environmental Science Section (608) 224-6269 DNR LAB ID 113133790 Organic chemistry

Id: Point/Well/..: Field #: 1 Ro Collection Date: 10/03/00 Time: 08:00 County: 37 (Marathon) From: ABBOTSFORD SANITARY SEWER Route: RR6

Description: 2ND MANHOLE SOUTH OF LANDFILL
To: JOHN R. GRUMP
CALL BOX 4001 Source

Source: Leachate

EAU CLAIRE, WI 54702-4001

Account number: RR019 Collected by: JOHN GRUMP

Enforcement

Date Received: 10/03/00 Labslip #: OL000678 Reported: 10/23/00

test: VOCS IN WATER BY GC/MS - EPA METHOD 524.2	
BENZENE BROMOBENZENE BROMOCHLOROMETHANE BROMOFORM	ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L)
BROMOMETHANE N-BUTYLBENZENE SEC-BUTYLBENZENE TERT-BUTYLBENZENE CARBON TETRACHLORIDE	ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L)
CHLOROBENZENE CHLOROETHANE CHLOROFORM CHLOROMETHANE 2-CHLOROTOLUENE	ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L)
4-CHLOROTOLUENE DIBROMOCHLOROMETHANE 1,2-DIBROMO-3-CHLOROPROPANE 1,2-DIBROMOETHANE (EDB) DIBROMOMETHANE	ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.20 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L)
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE	ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.20 UG/L) ND (LOD=0.15 UG/L)
1,2-DICHLOROETHANE 1,1-DICHLOROETHYLENE CIS-1,2-DICHLOROETHYLENE TRANS-1,2-DICHLOROETHYLENE 1,2-DICHLOROPROPANE	ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L)

State Laboratory of Hygiene
University of Wisconsin Center for Health Sciences
2601 Agriculture Drive, Madison, WI 53707-7996

R.H. Laessig, Ph.D., Director D.F. Kurtycz	, M.D., Medical Director
Environmental Science Section (608) 224-6269 continuing Labslip # OL000678, Field # 1	
1,3-DICHLOROPROPANE 2,2-DICHLOROPROPANE 1,1-DICHLOROPROPENE CIS-1,3-DICHLOROPROPENE TRANS-1,3-DICLOROPROPENE	ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L)
ETHYLBENZENE HEXACHLOROBUTADIENE ISOPROPYLBENZENE P-ISOPROPYLTOLUENE METHYL-TERT-BUTYL ETHER	ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L)
METHYLENE CHLORIDE NAPHTHALENE N-PROPYLBENZENE STYRENE 1,1,1,2-TETRACHLOROETHANE	ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.20 UG/L)
1,1,2,2-TETRACHLOROETHANE TETRACHLOROETHYLENE TOLUENE 1,2,3-TRICHLOROBENZENE 1,2,4-TRICHLOROBENZENE	ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L)
1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TRICHLOROETHYLENE TRICHLOROFLUOROMETHANE 1,2,3-TRICHLOROPROPANE	ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L)
1,2,4-TRIMETHYLBENZENE 1,3,5-TRIMETHYLBENZENE VINYL CHLORIDE M/P-XYLENE O-XYLENE	ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.20 UG/L) ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L)
VOCS IN WATER BY GC/MS - PREP - METHOD 524.2	C
test: TEMPERATURE ON RECEIPT-ICED - 0950 TEMPERATURE ON RECEIPT-ICED VOCS IN WATER BY GC/MS - PREP - EPA METHOD 524.2	ICED C

## State Laboratory of Hygiene University of Wisconsin Center for Health Sciences 2601 Agriculture DR, Madison WI 53718

R.H. Laessig, Ph.D., Director D.F. Kurtycz, M.D., Medical Director

Environmental Science Section (608) 224-6269 DNR LAB ID 113133790 Organic chemistry (#1 of 2 on 10/24/00, unseen)

Id: Point/Well/..: Field #: 1 Route: RR60

Collection Date: 10/03/00 Time: 08:00 County: 37 (Marathon)

From: ABBOTSFORD SANITARY SEWER

Description: 2ND MANHOLE SOUTH OF LANDFILL

To: JOHN R. GRUMP

CALL BOX 4001 Source: Leachate

EAU CLAIRE, WI 54702-4001

Account number: RR019 Collected by: JOHN GRUMP

Enforcement

Date Received: 10/03/00 Labslip #: OL000678 Reported: 10/23/00

\_\_\_\_\_\_

test: VOCS IN WATER BY GC/MS - EPA METHOD 524.2 BENZENE BROMOBENZENE BROMOCHLOROMETHANE BROMODICHLOROMETHANE	ND ND ND	(LOD=0.15 UG/L) (LOD=0.15 UG/L) (LOD=0.15 UG/L) (LOD=0.15 UG/L)
BROMOFORM  BROMOMETHANE N-BUTYLBENZENE SEC-BUTYLBENZENE TERT-BUTYLBENZENE CARBON TETRACHLORIDE	ND ND ND	(LOD=0.15 UG/L) (LOD=0.15 UG/L) (LOD=0.15 UG/L) (LOD=0.15 UG/L) (LOD=0.15 UG/L) (LOD=0.15 UG/L)
CHLOROBENZENE CHLOROETHANE CHLOROFORM CHLOROMETHANE 2-CHLOROTOLUENE	ND ND	(LOD=0.15 UG/L) (LOD=0.15 UG/L) (LOD=0.15 UG/L) (LOD=0.15 UG/L) (LOD=0.15 UG/L)
4-CHLOROTOLUENE DIBROMOCHLOROMETHANE 1,2-DIBROMO-3-CHLOROPROPANE 1,2-DIBROMOETHANE (EDB) DIBROMOMETHANE	ND ND ND	(LOD=0.15 UG/L) (LOD=0.15 UG/L) (LOD=0.20 UG/L) (LOD=0.15 UG/L) (LOD=0.15 UG/L)
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE	ND ND	(LOD=0.15 UG/L) (LOD=0.15 UG/L) (LOD=0.15 UG/L) (LOD=0.20 UG/L) (LOD=0.15 UG/L)
1,2-DICHLOROETHANE 1,1-DICHLOROETHYLENE CIS-1,2-DICHLOROETHYLENE TRANS-1,2-DICHLOROETHYLENE 1,2-DICHLOROPROPANE	ND ND ND	(LOD=0.15 UG/L) (LOD=0.15 UG/L) (LOD=0.15 UG/L) (LOD=0.15 UG/L) (LOD=0.15 UG/L)

# State Laboratory of Hygiene University of Wisconsin Center for Health Sciences 2601 Agriculture DR, Madison WI 53718

R.H. Laessig, Ph.D., Director D.F. Kurtycz, M.D., Medical Director \_\_\_\_\_ Environmental Science Section (608) 224-6269 DNR LAB ID 113133790 ... continuing Labslip # OL000678, Field # 1 1,3-DICHLOROPROPANE ND (LOD=0.15 UG/L) 2,2-DICHLOROPROPANE ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) 1,1-DICHLOROPROPENE CIS-1, 3-DICHLOROPROPENE ND (LOD=0.15 UG/L) TRANS-1,3-DICLOROPROPENE ND (LOD=0.15 UG/L) ETHYLBENZENE ND (LOD=0.15 UG/L) HEXACHLOROBUTADIENE ND (LOD=0.15 UG/L) ISOPROPYLBENZENE ND (LOD=0.15 UG/L) P-ISOPROPYLTOLUENE ND (LOD=0.15 UG/L) METHYL-TERT-BUTYL ETHER ND (LOD=0.15 UG/L) ND (LOD=0.15 UG/L) METHYLENE CHLORIDE NAPHTHALENE ND (LOD=0.15 UG/L) N-PROPYLBENZENE ND (LOD=0.15 UG/L) STYRENE ND (LOD=0.15 UG/L) ND (LOD=0.20 UG/L) 1,1,1,2-TETRACHLOROETHANE ND (LOD=0.15 UG/L) 1,1,2,2-TETRACHLOROETHANE TETRACHLOROETHYLENE ND (LOD=0.15 UG/L) TOLUENE ND (LOD=0.15 UG/L) 1,2,3-TRICHLOROBENZENE ND (LOD=0.15 UG/L) 1,2,4-TRICHLOROBENZENE ND (LOD=0.15 UG/L) 1,1,1-TRICHLOROETHANE ND (LOD=0.15 UG/L) 1,1,2-TRICHLOROETHANE ND (LOD=0.15 UG/L) TRICHLOROETHYLENE ND (LOD=0.15 UG/L) TRICHLOROFLUOROMETHANE ND (LOD=0.15 UG/L) 1,2,3-TRICHLOROPROPANE ND (LOD=0.15 UG/L) 1,2,4-TRIMETHYLBENZENE ND (LOD=0.15 UG/L) 1,3,5-TRIMETHYLBENZENE ND (LOD=0.15 UG/L) VINYL CHLORIDE ND (LOD=0.20 UG/L) M/P-XYLENE ND (LOD=0.15 UG/L) O-XYLENE ND (LOD=0.15 UG/L) VOCS IN WATER BY GC/MS - PREP - METHOD 524.2 ---- test: TEMPERATURE ON RECEIPT-ICED - 0950 TEMPERATURE ON RECEIPT-ICED ICED VOCS IN WATER BY GC/MS - PREP - EPA METHOD 524.2 C

