

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

To: File

From: Sarah E. Frederick Sorah E. Frederick

Date: July 14, 2016

Site Name/BRRTS: Kewaunee Marsh Arsenic Spill (02-31-000508)

Re: Field Activities Report for June 29, 2016

Who:

Liz Victor, NER R&R Hydrogeologist Sarah Frederick, NER R&R Hydrogeologist Cheryl Bougie, NER Water Resources Management Specialist

Purpose of Field Visit:

Surface Water Sampling Event: Visit preselected locations across the site and collect surface water grab samples to submit for laboratory analysis for arsenic.

GPS Unit Used: Garmin eTrex 20 Operated by Liz Victor

Camera Used: DNR's Canon Powershot SX 210 IS Operated by Liz Victor

Scope of Work for Field Visit:

- 1) Follow GPS to preselected surface water sampling locations (see attached map, Field Map, 6/26/16).
- 2) At each location, collect a sample of undisturbed surface water in a 250 ml bottle provided by the state lab.
- 3) Observe standing water across the site. Has a noticeable change occurred in the amount or extent of standing water since the June 15, 2016 field visit?

Tasks Accomplished and Observations:

8:30: We entered the marsh north of the Main Gate, outside of the fence limits, and made a clockwise path around the fenced area of the marsh. Samples were collected in the following order:

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Time	Sample	Waypoint	Observations
8:51	SW16-5	109	Collected from a pond at an area of approximately hip-deep water. Pond was estimated to be about 30-40' long and was quite deep near the center (deeper than hip waders) at the time of sampling. Water was noted to be cold, light brown in color, and had a noticeable organic sheen. After sample was acidified and mixed, the water was very light brown and slightly cloudy.
9:34	SW16-7	113	Collected from ~4" of water in thick cattails. Water was mucky, turbid, and brown in color.
10:03	SW16-10	114	Collected from ~3" of water. Duckweed was plentiful in the small area of open water. Sample was light brown in color.
10:12	SW16-12	115	River water sample collected ~10 ft east of WP 115. Collected from open water, depth of ~6" – south swale? Sample was cloudy, very light brown in color, with duckweed present.
11:09	SW16-8	120	Collected from ~3-4" of water, near MW-02. Sample was clear with some debris. After sample was acidified and mixed, the water was very light brown in color and slightly cloudy.
11:40	SW16-9	121	Collected from ~3-4" of water, near GW01-7. Sample was clear with some debris.

12:14: Exited the marsh. Liz and Sarah acidified first batch of samples.

13:23: First batch of samples were placed in the cooler for storage. Lunch break.

Time	Sample	Waypoint	Observations
		126	Dry with areas of 1" standing water. No sample taken
13:55	SW16-3	127	Replacement collection location. Collected from ~3" of water. Sample was muddy, organic matter noted.
14:20	SW16-4	130	Collected from ~6-7" of water. Duckweed and algae present in sample.
14:30	SW16-6	132	Collected from ~1ft of water.
14:40	SW16-13	132	Blind Duplicate
15:06	SW16-1	-	Collected from ~4" of water, near MW04-11. Sedges, heavily vegetated. Sample was light brown and fairly clear.
15:15	SW16-2	135	Collected from +/- 20ft off waypoint (road). Sample was very dark brown in color and turbid.

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Hydrogeologist Oshkosh Service Center Remediation and Redevelopment Program 15:40: Liz and Sarah acidified second batch of samples. Samples placed in cooler.

15:54: Team departed the marsh.

18:00: Liz and Sarah arrived at Oshkosh Service Center. Located sample SW16-4 in backpack used for sample collection (unacidified). Sample was acidified and placed with the rest of the samples in the cooler.

River Gage: 3.44'

Findings and Further Questions:

- Two holes cut into the wire fence were observed, one at Waypoint #111 and the second at Waypoint #112.
 Well established paths lead into/out of the closed areas, deep mud areas on either side adjacent to the holes signage indicating arsenic contamination is clearly visible. Holes are about 2.5 feet tall and 2 feet wide. Wire was carefully cut and neatly bent back (to avoid snagging?). Are hunters utilizing this area during winter/spring months?
- Chemical odor observed at WP #118. Is arsine gas being released?
- Distressed vegetation on top of cap: A surface water sample (proposed "SW16-11") was to be collected from the standing water observed in the area of stressed vegetation on top of the cap (see field activities report for work conducted June 15, 2016). This area was dry during this sampling event so sample SW16-11 was not collected.

Recommendations:

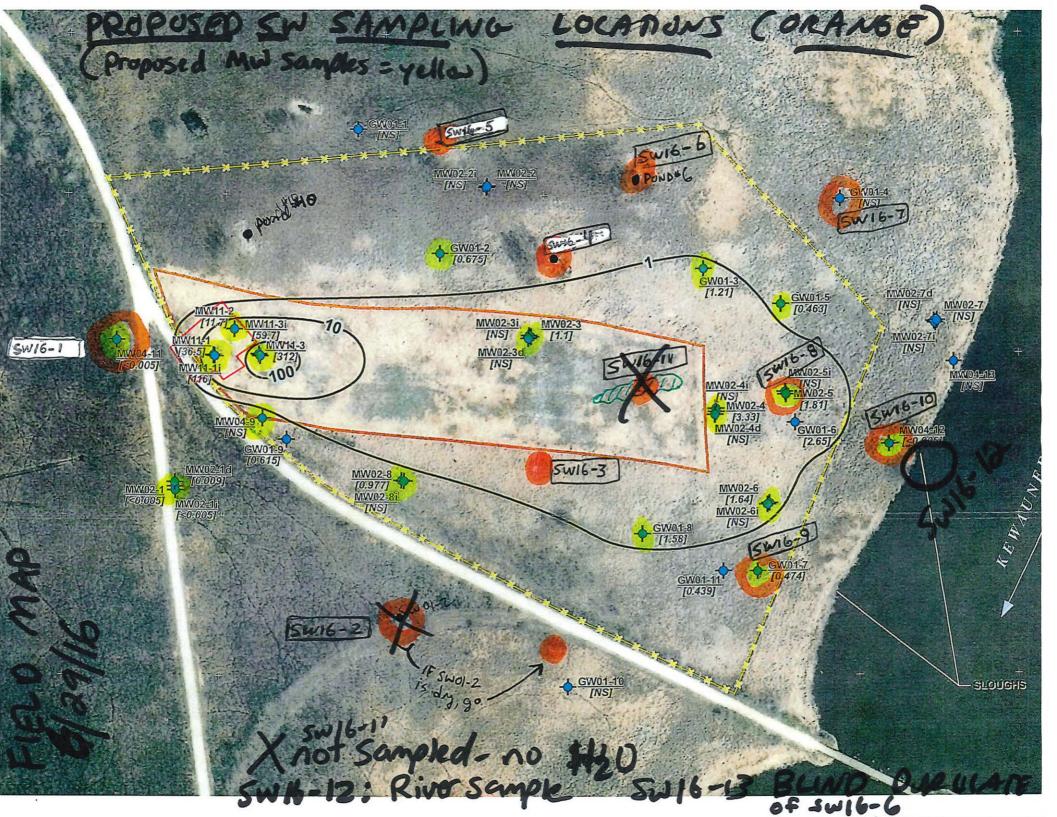
- Additional investigation of monitoring wells and groundwater. Take elevation readings, purge, and sample for arsenic to determine the amount of mixing that is occurring between the surface water and groundwater.
- Walk fence line to determine if additional holes are present.
- Holes in fence will need to be repaired; consult with DNR wildlife regarding wildlife inside fence that may be trapped after fence is repaired.

Attachments:

- Field Map, 6/26/16
- Actual Sample Locations Kewaunee Marsh June 29, 2016 Field Points
- Photo Log for photos taken 6/29/2016
- Kewaunee Marsh Photo Thumbnails, 6/29/2016
- Coordinates measured in the field on June 29, 2016
- Field Notes, 6/29/2016
- Wisconsin Department of Natural Resources Laboratory Report, 7/25/16

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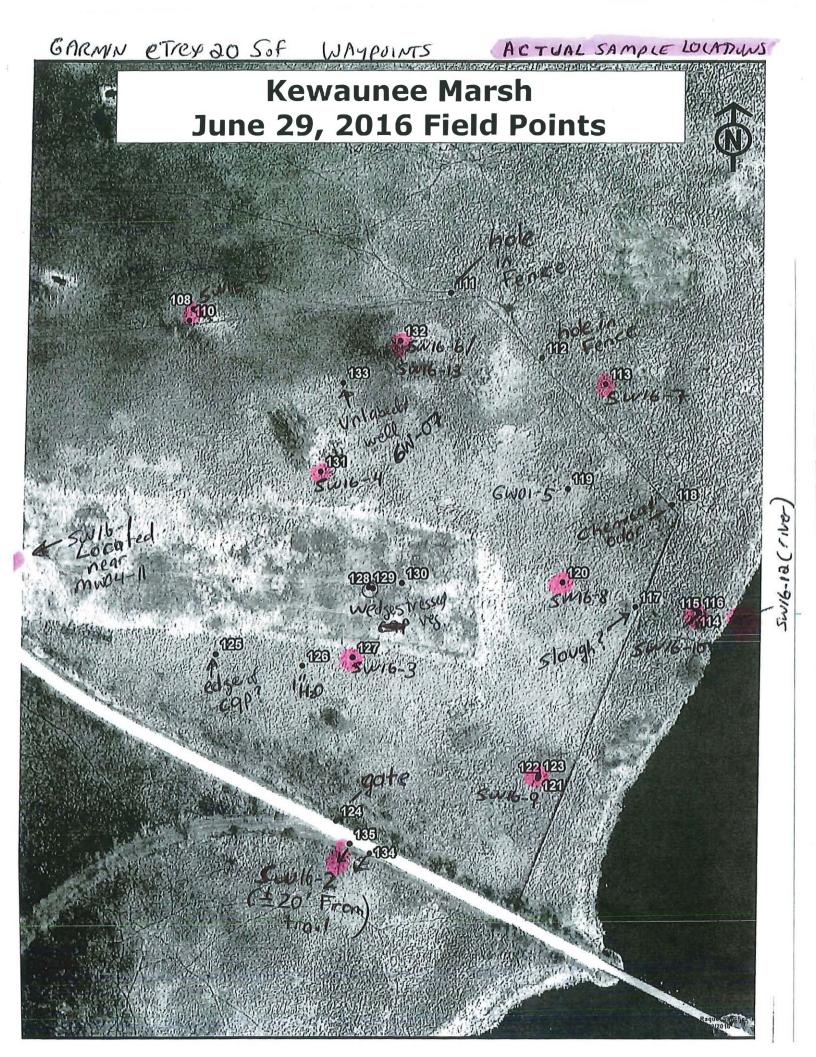


Photo Log for photos taken 6/29/16 Surface Water Sampling Event Photos taken by E. Victor using DNR's Canon Powershot SX 210 IS

Image No.	Торіс
001 to 005	Conditions north of fence from trail to first cut hole in along N. side of fence.
006 to 009	Waypoint 111: Cut hole in fence. Muddy area is very deep
010	Blurry photo documenting height of cattails
011 to 016	Waypoint 112: cut hole in fence. Muddy area is very deep
017	Duckweed NE of fence
018 to 021	Snails NE of fence and Sarah
022 to 023	Waypoint 115: River water sampling location
024 to 025	Conditions on inside of fence NE of cap
026 to 027	MW02-5i
028 to 034	Stressed/stunted vegetation area on cap. Not sampled because of lack of
	standing water
035 to 036	Pond 6 sampling conditions
037 to 040	Views of marsh from bridge
041	Sign on fence
SW16-1 to 3, 4 to 5, 6 to 9,	Samples after being shaken up to show turbidity. Most of the turbidity can be
and 10 to 13	attributed to organic matter. SW16-2: very turbid, had difficulties finding clear
	water to sample. Note lack of sample SW16-11 – this sample was to be collected
	from the stressed/stunted vegetation area on the cap (observed to have
	standing water on 6/15/16) but on 6/29/16, the water had dried up so no
	sample was collected.

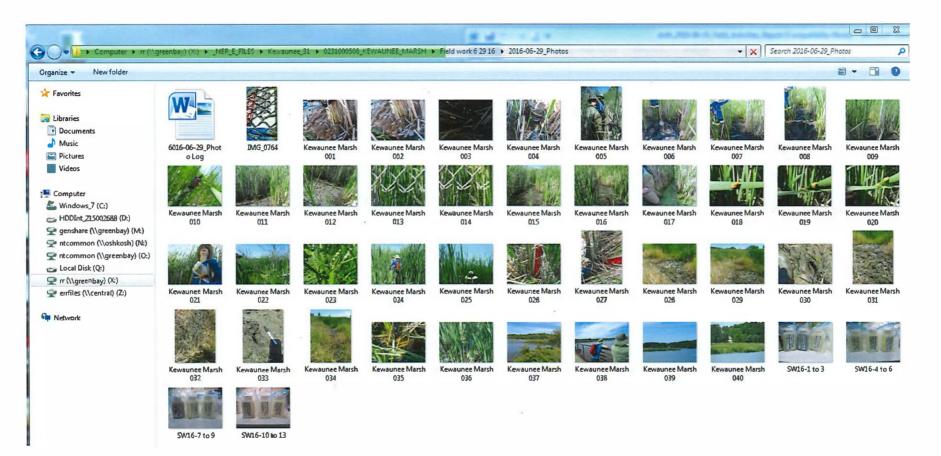
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Camera time is set 1 hour later than actual time recorded in field notes.

Waypoints: these were recorded by GPS - refer to Field Activities Report for details.

Kewaunee Marsh Photo Thumbnails

June 29, 2016



Coordinates measured in the field on June 29, 2016

ident	Latitude	Longitude	time	model	ltime
107	44.446969	-87.537507	06/29/2016 12:33	garmin eTrex 20 Sof	06/29/2016 7:33
108	44.476367	-87.515806	06/29/2016 13:50	garmin eTrex 20 Sof	06/29/2016 8:50
109	44.476361	-87.515791	06/29/2016 13:52	garmin eTrex 20 Sof	06/29/2016 8:52
110	44.476322	-87.515828	06/29/2016 13:55	garmin eTrex 20 Sof	06/29/2016 8:55
111	44.476401	-87.514347	06/29/2016 14:09	garmin eTrex 20 Sof	06/29/2016 9:09
112	44.476129	-87.513841	06/29/2016 14:20	garmin eTrex 20 Sof	06/29/2016 9:20
113	44.476018	-87.513485	06/29/2016 14:37	garmin eTrex 20 Sof	06/29/2016 9:37
114	44.475113	-87.513013	06/29/2016 15:07	garmin eTrex 20 Sof	06/29/2016 10:07
115	44.475096	-87.512992	06/29/2016 15:16	garmin eTrex 20 Sof	06/29/2016 10:16
116	44.475098	-87.512993	06/29/2016 15:16	garmin eTrex 20 Sof	06/29/2016 10:16
117	44.475127	-87.513344	06/29/2016 15:23	garmin eTrex 20 Sof	06/29/2016 10:23
118	44.475529	-87.51313	06/29/2016 15:36	garmin eTrex 20 Sof	06/29/2016 10:36
119	44.475606	-87.51371	06/29/2016 16:02	garmin eTrex 20 Sof	06/29/2016 11:02
120	44.475234	-87.513752	06/29/2016 16:11	garmin eTrex 20 Sof	06/29/2016 11:11
121	44.474456	-87.513911	06/29/2016 16:45	garmin eTrex 20 Sof	06/29/2016 11:45
122	44.474461	-87.513909	06/29/2016 16:45	garmin eTrex 20 Sof	06/29/2016 11:45
123	44.474466	-87.513905	06/29/2016 16:46	garmin eTrex 20 Sof	06/29/2016 11:46
124	44.474308	-87.515056	06/29/2016 17:04	garmin eTrex 20 Sof	06/29/2016 12:04
125	44.47499	-87.515716	06/29/2016 18:38	garmin eTrex 20 Sof	06/29/2016 13:38
126	44.474932	-87.515227	06/29/2016 18:47	garmin eTrex 20 Sof	06/29/2016 13:47
127	44.47496	-87.514944	06/29/2016 18:53	garmin eTrex 20 Sof	06/29/2016 13:53
128	44.475233	-87.514821	06/29/2016 19:07	garmin eTrex 20 Sof	06/29/2016 14:07
129	44.475237	-87.514844	06/29/2016 19:11	garmin eTrex 20 Sof	06/29/2016 14:11
130	44.47525	-87.514658	06/29/2016 19:11	garmin eTrex 20 Sof	06/29/2016 14:11
131	44.475703	-87.515102	06/29/2016 19:24	garmin eTrex 20 Sof	06/29/2016 14:24
132	44.476215	-87.514639	06/29/2016 19:35	garmin eTrex 20 Sof	06/29/2016 14:35
133	44.476054	-87.514968	06/29/2016 19:45	garmin eTrex 20 Sof	06/29/2016 14:45
134	44.474173	-87.51487	06/29/2016 20:17	garmin eTrex 20 Sof	06/29/2016 15:17
135	44.474215	-87.514981	06/29/2016 20:22	garmin eTrex 20 Sof	06/29/2016 15:22

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Billing and Reporting	NO WAR								
Account Number	Field Num	ber (Bottle Label ID)				Report to Ac	Idress (Non-DN	IR only)	
RR049.	SWIL							4	
DNR User ID	Report To					City		State ZIP	
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OSL Sludge	(SO Soil	(TI Tissue		Ċ)		
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Collected By Name		Telephone			Email				
Liz Victor		(920) 3	303-54	424	elizab	eth.victor@wisc	onsin.gov		
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and the second sec									
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31 - Kewaunee	Tratorbody 12	(11010)					i lolanoin ooq i	(0)	
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Sample Description / Device Desc	cription								
Surface water grab sample usi	ing laborator						2.42		
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Billing and Reporting					1.12					
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Liz Victor		(920) 3	803-54	24	elizab	oeth.vic	tor@wisc	onsin.gov		
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31 - Kewaunee	valerbouy iD	(VVDIC)			POINT /	Outrait	(01 30011013	Fieldwork Seq	NO)	
Sample Details			100			14,80				
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Surface water grab sample usi	ng laborator	y supplied sample of	contai	ner						
Enforcement? OYes ONo	0	If Field QC Sample (Dep	oth of Sa	ample:	() ft	Om Oin	Ocm
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Is Sample Disinfected? OYes	No	Grant or Project Num	nber		OrT	Top and	Bottom of	Sample Interva	1:	
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Analyses Requested										
If field filtered, indicate by checking the lid of the sample bottle.	the box on th	is sheet and noting or	n	250 ml Metals B						
Plastic Quart Bottle (No chemica	l preservation)		Low Level Me					ottles	
Sample field filtered? (Check b	ox if yes)			TCLP (Toxicit						
Alkalinity, pH, Conductivity	Colo	r		Total recoverable			-			
BOD5 Dissolved	Fluo	ride		Aluminum			Copper		Selenium	
BOD5 Total (900 ml needed)	MBA	s Screening		Antimony				-as CaCO3 📋	Silver	
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Additional parameters or instructions to laboratory:

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	0	8/20/2016								
	Time (0.4.1					E IT				
Date (mm/dd/yyyy)	Time (24-h		Ena D	ate (mm/dd/yyyy)		End Time				
06/29/2016	13:5	S	1. 1. 1. 1	06/29/2016				01.4001		
Sample Type Sample Type: (select app) SU Surface W							0			
		NP Storm Water		EF Effluent (Tre		vastewater)	0		•	wastewater)
	-	MW Monitoring We		PO Private Wel	I		0) SE Sedime	Int	
	and the state of the state	∫SO Soil	()TI Tissue	14 1 1	137701723	0		COLOR HUNDRED	
Who collected the sample Collected By Name		Telephone	9		Email				and the second second	
Liz Victor		(920) 3	03-54			eth.victor@	Dwise	onsin gov		
Where the sample was colle	ected	(720) 5	03-34		CIIZao		999130	опапг.до •	Senter Se	
		ss or Location Descrip	otion					COLUMN DE DES DE DES DE DES DE		
SW16-3	Kewaunee N	larsh (02-31-00050	8)							
	Waterbody ID	(WBIC)		, F	Point /	Outfall (or S	WIMS	Fieldwork Se	eq No)	
31 - Kewaunee		(•)								
Sample Details			14		211			in the second		
Sample Description / Device Desc										
Surface water grab sample usi		y supplied sample c If Field QC Sample (s			-					0.0
Enforcement? OYes ONo				0	Dep	oth of Sampl	e:	() fi		⊖in ⊖cm
If yes, include chain of custody for		ODuplicate OBla		0	Or T	Con and Bot	om of	Sample Inter	val	
Is Sample Disinfected? ()Yes	(X) No	Grant or Project Num	ber			rop and bot	onition			
If yes, how?					-					⊖in ⊖cm
Analyses Requested			80 S		in se					
If field filtered, indicate by checking the lid of the sample bottle.) the box on th	is sheet and noting on)	250 ml Metals Bo						15
Plastic Quart Bottle (No chemica	I preservation)		Sample field fi			2			
Sample field filtered? (Check b										
Aikalinity, pH, Conductivity	Colo	r								1 jar)
BOD ₅ Dissolved	Fiuo	ide		Total recoverable	metan	_		otherwise in		-
BODs Total (900 ml needed)		s Screening		Aluminum			pper	as CaCO3 [Seleniu	111
CBOD5 Total (carbonaceous		nly (non compliance)		Arsenic				as cacos [
				Barium					Strontiu	
				Beryllium			ignesiu	m		
Chlorophyl A (if Field Filtered		laity		Boron			nganes			
·	ered)		÷				rcury	·• 1	Vanadiu	
	% Sand, Silt,	Clay				_	lybden	um l		
	Total Suspen	ded Solids (500 ml nee	eded)	Chromium, 1	Fotal					
Total Dissolved Solids	Total Vol. Sus Susp. Solids)	p. Solids (includes Tol	tal	Cobalt			tassium	n /		
Total Solids		250 ml Nutrients	Bottle							
Total Volatile Solids (include		Sample field fi								
60 ml Bottle (No chemical preser		TotPhosph				,)3 as Nitroger	n 🗍 Tot	al Kjeldahl-N		
Sample field filtered? (Check box if yes)										al Nitrogen
Orthophosphate NO2+NO3 as Nitrogen (drinking wate				Tot. Dis. Pho	osphor	rus (filter, the	en acid	preserve in	60 ml bottle	e)
Silica	Silica Nitrite (NO2) as Nitrogen				250 ml Round Bacteria Bottle For lab use:					
250 ml Glass Amb	er (Acldify w			E. coli by l	MPN, r	non-potable		San	ple Temp	°C
		DOC		Enterococci by MPN, non-potable						

Please enclose this form In the mailer along with the sample and send to the State Lab of Hygiene. Additional parameters or instructions to laboratory:

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Test Request – Inorganic Surface Water & Microbiology Page 1 of 2

Form 4800-024 (R 8/15)

Billing and Reporting			1			And Street of the	6.22 0.19				
Account Number	Field Num	ber (Bottle Label ID)	2.			Report to Ad	dress (Non-DN	R only)			
RR049	SWI	6-4-									
DNR User ID	Report To	Name				City		State ZIP			
victoe	Liz Victo	r				Oshkosh	4	WI 549	01		
Date Results Needed (mm/dd/yyy	y)					Report to En	nail (Non-DNR d	only)			
		8/20/2016									
Date and Time of Sample C			E								
Date (mm/dd/yyyy)	Time (24-h		End	Date (mm/dd/yyyy)		End Time					
06/29/2016	14:2	20		06/29/2016					_		
Sample Type: Still Surface W	. 1.				and and A				1		
(selectone)		NP Storm Water) EF Effluent (Tr) IF Influent (Unti	ealed wasiewai	ter)		
	-	MW Monitoring W		○PO Private We	ell	C) SE Sediment				
OSL Sludge Who collected the sample	Contraction of the)SO Soil	(TI Tissue	5.82.5						
Collected By Name	4949.2019.20	Telephone	19.05		Email						
Liz Victor		(920) 3	303-54	424		eth.victor@wisc	onsin gov				
		()20)0	00 0		UIEuo	eun meter (grinse	ensinger				
Station ID (STORET #)	Sample Addre	ss or Location Descri	ption								
Sw1(0-4	Kewaunec N	larsh (02-31-00050)8)								
County V	Valerbody ID	(WBIC)		5	Point /	Outfall (or SWIMS	Fieldwork Seq N	lo)			
31 - Kewaunee	1 - Kewaunee								_		
Sample Details	Else Par				Steel.			学会注意的生活			
Sample Description / Device Description											
Surface water grab sample usin	ng laborator	If Field QC Sample (Dee	th of Convolution	0 "				
Enforcement? OYes ONo				\bigcirc	Dep	oth of Sample:	Off () m () in ()	cm		
If yes, include chain of custody form		O Duplicate B Grant or Project Nun		0		Fop and Bottom of	Sample Interval:				
Is Sample Disinfected? ()Yes	⊗No	Grant of Project Null	IDEI) m () in ()	om		
If yes, how?					-		0** 0		CIII		
Analyses Requested If field filtered, indicate by checking	the bay on th	is shoet and noting of	0.142								
the lid of the sample bottle.	the box on th	is sheet and noting of	1			Acidify w/ Nitric A ? (Check box if yes					
Plastic Quart Bottle (No chemica	preservation)									
Sample field fillered? (Check bo	ox if yes)					ote: Clean sampling acteristic Leaching					
Alkalinity, pH, Conductivity	Colo	r				s will be run unless					
BOD ₅ Dissolved	Fluor	ide			c motai			Selenium			
BOD ₅ Total (900 ml needed)		s Screening					-as CaCO3 🗍 S				
CBOD5 Total (carbonaceous)		nly (non compliance)		Arsenic				Sodium			
	, Dipros			Barium				Strontium			
Chlorophyl A (if Field Filtered				Beryllium		Magnesiu		hallium			
	ered)	uity		Boron		Manganes		itanium			
Colida	,		2.2					anadium			
	% Sand, Silt, (Clay				Molybden		inc			
	Fotal Suspend	led Solids (500 ml ne	eded)	Chromium,	Total	Nickel					
	Total Vol. Sus Susp. Solids)	p. Solids (includes To	otal	Cobalt		Potassiun	 י □		27,0		
		250 ml Nutrients	s Bottle	e (Acidify w/ Sulfu	ric Acid)						
Total Volatile Solids (includes	_			Check box if yes							
60 ml Bottle (No chemical preserv		TotPhosph	norus	NO2 + NO	as Nitrogen		i-N				
Sample field fillered? (Check box if yes)				Ammonia-N COD Total Nitro							
		as Nitrogen (drinking	water)	Tot. Dis. Phosphorus (filter, then acid preserve in 60 ml bottle)							
Silica		2) as Nitrogen		250 ml Round Bacteria Bottle For lab use:							
250 ml Glass Amb	er (Acidify w	Sulfuric Acid)	E. coli by MPN, non-potable Sample Temp						°C		
		Enterococci by MPN, non-potable									

Test Request -- Inorganic Surface Water & Microbiology Form 4800-024 (R 8/15) Page 1 of 2

Billing and Reporting				Bart State of Land Park				and the second	194.675	
Account Number	Field Num	ber (Bottle Label ID)					Report to A	ddress (Non	-DNR only)
RR049	SW	16-5								
DNR User ID	Report To	Name					City		Sta	te ZIP
victoe	Liz Victo	r					Oshkosh			L 54901
Date Results Needed (mm/dd/yy							Report to E	mail (Non-D	NR only)	
	0	8/20/2016	_							
Date (mm/dd/yyyy)	Time (24-h	r clock)	End D	ate (mm/dd/yyyy)		End	Time			
06/29/2016	8:51	10	LING	06/29/2016						
00/2//2010	0.01			00/2//2010						
Sample Type: (•) SU Surface V	Vater (NP Storm Water	() EF Effluent (Tr	reated	Waste	water) () IF Influent	(Untreated	wastewater)
(select one) (D Public Drini		MW Monitoring W		PO Private We)SE Sedime		,
OSL Sludge)SO Soil)TI Tissue			()		
Who collected the sample						18		A SERVICE AND	and the	
Collected By Name		Telephone			Email		A STREET, STRE			
Liz Victor		(920) 3	303-54	124	elizab	oeth.v	ictor@wis	consin.gov		
Where the sample was coll			Sheered					Sec. 2		
Station ID (STORET #)		ss or Location Descri								
	Kewaunee N Waterbody ID	larsh (02-31-00050)8)		Delet	0.46-			an Max	
County			Point	Outra	iii (or Svviivi	S Fieldwork S	eq No)			
31 - Kewaunee Sample Details			and the		Section and the	100			Contract of the	Carl Martin Date
Sample Description / Device Desc	cription			ne Arren en la serie d						
Surface water grab sample us	0.55	v supplied sample	contai	ner						
Enforcement? ()Yes ()No		If Field QC Sample (Dep	oth of s	Sample:	Ot		() in () cm
If yes, include chain of custody fo		ODuplicate OB	lank	0					. 0	00
Is Sample Disinfected? ()Yes	0	Grant or Project Nun			Or	Top ar	nd Bottom o	f Sample Inter	val:	
If yes, how?	U			() ft () m () in ()					Oin Ocm	
Analyses Requested					and the second	68.				
If field filtered, indicate by checkin the lid of the sample bottle.	ġ the box on th	is sheet and noting o	n	250 ml Metals B	-		-	-		
Plastic Quar Bottle (No chemic	al preservation)		Sample field filtered? (Check box if yes)						
Sample field filtered? (Check b										- !)
Alkalinity, pH, Conductivity	Colo	r		TCLP (Toxicit						i jar)
BOD ₅ Dissolved	Fluo	ide			emeta			55 ULI ICI WISC II	Seleniu	m
BOD5 Total (900 ml needed) Пмва	s Screening						s-as CaCO3	_	
CBOD5 Total (carbonaceous		nly (non compliance)		Arsenic					Sodium	1
	Sulfa			Barium					Strontiu	
Chlorophyl A (if Field Filtere	_			Beryllium			Magnes	ium	[]Thalliur	
	itered)	luity		Boron			Mangan		Titaniur	
fi Solids							Mercury		Vanadi	um
Solids	% Sand, Silt,	Clay		Calcium					Zinc	
	Total Suspend	ded Solids (500 ml ne	eded)	Chromium,	Total		Nickel		$\overline{\Box}$	
Total Dissolved Solids	Total Vol. Sus	p. Solids (includes To	otal				 Potassiu	Jm	\square	14
☐Total Solids	Susp. Solids)			250 ml Nutrients	s Bottl	le (Aci	difv w/ Sul	furic Acid)		
Total Volatile Solids (include				Sample field f						
60 m I Bottle (No chemical prese				TotPhosp	norus		NO2 + N	IO3 as Nitroge	n 🗌 Tot	al Kjeldahi-N
Sample field filtered? (Check I	pox if yes)			Ammonia-N	1				Tot	al Nitrogen
Orthophosphate		as Nitrogen (drinking	water)	Tot. Dis. Ph	nospho	orus (fil	ter, then ac	id preserve in	60 ml bottl	e)
Silica	<u> </u>	2) as Nitrogen		250 ml Round E	Bacteri	a Bott	le	For lab use) ;	
250 ml Glass Am	ber (Acidify w			E. coli by	MPN,	non-p	otable	San	nple Temp	°C
		DOC					non-potable		ced	
Please enclose thi	c form in the m	ailer along with the s	ampla	and cond to the S	tatola	h of H	vaiono			

Test Request – Inorganic Surface Water & MicrobiologyForm 4800-024 (R 8/15)Page 1 of 2

Billing and Reporting							
Account Number	Field Num	ber (Bottle Label iD)			Report to Ad	dress (Non-D	NR only)
RR049	SWIC	0-6					
DNR User ID	Report T o	Name			City		State ZIP
victoe	Liz Victo	r			Oshkosh		WII 54901
Date Results Needed (mm/dd/yy	уу)				Report to En	nail (Non-DNR	only)
	0	8/20/2016					
Date (mm/dd/yyyy)	Time (24-h	r clock)	End Date (mm/dd/yyy	(v) En	d Time		
06/29/2016	14:3		06/29/2016				
0072972010			00/29/2010				
Sample Type: OSU Surface W	Vater	ONP Storm Water	OEF Effluent	Treated Was	stewater)) IF Inlivent (U	ntreated wastewater)
(select one) (D Public Drink		MW Monitoring We	0	•)SE Sediment	
OSL Sludge	-)SO Soil	OTI Tissue		C)	
Who collected the sample					Line of		
Collected By Name		Telephone		Email			
Liz Victor		(920) 3	03-5424	elizabeth	.victor@wisc	onsin.gov	
Where the sample was coll							
		ss or Location Descrip					
	Kewaunee N Waterbody ID	larsh (02-31-000508	8)	Deint / Out		Fieldwork Coo	No)
	vvalendouy iD			Point / Out		Fieldwork Seq	190)
31 - Kewaunee Sample Details	CAUSTING .		and the second second	CELOW DOTAS		AND A DESCRIPTION	CALLED PARTY OF THE S
Sample Description / Device Desc	cription						
Surface water grab sample usi	<i>T</i> /	y supplied sample c	ontainer				
Enforcement? OYes ONo		If Field QC Sample (s		Depth o	of Sample:	() ft	Om Oin Ocm
If yes, include chain of custody for		ODuplicate OBla	ank ()				
Is Sample Disinfected? ()Yes	s 🕅 No	Grant or Project Num	ber	Or Top	and Bottom of	Sample Interva	l:
If yes, how?					-	() ft	Om Oin Ocm
Analyses Requested	Rent States			The second			
If field filtered, indicate by checking the lid of the sample bottle.	g the box on th	is sheet and noting on			lify w/ Nitric A Check box if ye:		
Plastic Quart Bottle (No chemica	al preservation)				g with special b	ottles
Sample field filtered? (Check b	oox if yes)					Procedure - us	
Aikalinity, pH, Conductivity	Colo	r				s otherwise instr	
BOD ₅ Dissolved	Fluo	ide	Aiuminun		Copper		Selenium
BOD5 Total (900 ml needed)) []MBA	s Screening	Antimony		Hardness	-as CaCO3 🔲	Silver
CBOD5 Total (carbonaceous	s) 🗌 p H o	nly (non compliance)	Arsenic	1	Iron		Sodium
Chloride	Sulfa	te	Barium		Lead		Strontium
Chlorophyl A (if Field Filtere	d, 🗍 Turb	dity	Beryllium		Magnesiu	ım 🗌	Thallium
give mlfil	ltered)		Boron		Mangane	se	Titanium
Solids	% Sand, Silt,	Clav		1			Vanadium
Suspended Sediment		led Solids (500 ml nee			Molybder	num 🗌	Zinc
Total Dissolved Solids		p. Solids (includes Tot		n, Total	Nickel		
Total Solids	Susp. Solids)	p. Solius (includes 10)	al Cobalt		Potassiun	n 🗌	
Total Volatile Solids (include	es total solids)		250 ml Nutrie		-		
60 ml Bottle (No chemical preser					heck box if yes	•	
Sample field filtered? (Check b	,		TotPhos			D3 as Nitrogen	☐Total Kjeldahi-N ☐Total Nitrogen
Orthophosphate	NO2+NO3	as Nitrogen (drinking v	vater)		_	l preserve in 60	
Silica		2) as Nitrogen	250 ml Round			For lab use:	
250 ml Glass Amb				by MPN, non-		C. C. 4984400 (112 CC)	e Temp °C
Птос	-				, non-potable		
Disass sectors this		ailor along with the age					

Billing and Reporting									
Account Number	Field Num	ber (Bottle Label ID)				Report to Ad	dress (Non-E	NR only)	
RI(049	SW	16-7							
DNR User ID	Report To	Name				City		State ZIP	
victoe	Liz Victo	01.				Oshkosh			4901
Date Results Needed (mm/dd/y						Report to En	nail (Non-DNF	R only)	
	0	08/20/2016	_						_
Date (mm/dd/yyyy)	Time (24-h	nr clock)	End D	Date (mm/dd/yyyy)		End Time			
06/29/2016	9:31			06/29/2016					
	10	-		00/29/2010					
Sample Type: OSU Surface	Water	. NP Storm Water	(OEF Effiuent (T	reated \	Wastewater)) IF Influent (U	Intreated wastev	water)
(select one) (D Public Dri	nking Water	MW Monitoring W	'ell (OPO Private We	ell	C	SE Sediment	t	
OSL Sludge		OSO Soil	(TI Tissue		Ċ)		
		_							
Collected By Name		Telephone			Email				
Liz Victor		(920) 3	803-5	424	elizab	eth.victor@wisc	onsin.gov	2	
Where the sample was co Station ID (STORET #)		ess or Location Descri	ntion						20 Sec
5W16-7					3				
County	Waterbody ID	1arsh (02-31-00050 (WBIC)	(6)	_	Point /	Outfall (or SWIMS	Fieldwork Sec	I No)	
31 - Kewaunee		(2				,	
Sample Details	Health Torres				100		A State of		
Sample Description / Device Des	scription								
Surface water grab sample u	sing laborator								
Enforcement? () Yes () N	ło	If Field QC Sample (select	one):	Dep	oth of Sample:	() ft	Om Oin (⊖ cm
If yes, include chain of custody f	orm.	ODuplicate OB		0	_				
Is Sample Disinfected? OYe	es 🛞No	Grant or Project Nun	nber		Orl	Fop and Bottom of			_
If yes, how?		2			-	·-	() ft	() m () in () cm
Analyses Requested		En la company	the state						1000
If field filtered, indicate by checki the lid of the sample bottle.	ng the box on th	his sheet and noting o	n			Acidify w/ Nitric A	*		
Plastic Qua t Bottle (No chemi	cal preservation)				? (Check box if yes	-		
Sample field filtered? (Check		,				ote: Clean samplin			
Aikalinity, pH, Conductivity	Colo	r			-	acteristic Leaching			
BOD5 Dissolved	Fiuo				e metal	s will be run unless	-	•	
BOD5 Total (900 ml neede		s Screening		Aiuminum			∟ as CaCO₃] Seienium 1 Silvor	-
CBOD5 Total (carbonaceo		nly (non compliance)		Arsenic]Sodium	
				Barium				Strontium	
Chlorophyl A (if Field Filter				Beryllium		Magnesiu	_]Thallium	
	filtered) 🗌	laity		Boron		Manganes	_]Titanium	
Colida				Cadmium		Mercury]Vanadium	
]% Sand, Silt,			Calcium		Molybden	um 🗌]Zinc	
Total Dissolved Solids		ded Solids (500 ml ne		Chromium,	Total	Nickel]	
	_Total Vol. Sus Susp. Solids)	sp. Solids (includes To	otal	Cobalt		Potassium	ו []	
Total Volatile Solids (includ				250 ml Nutrient	s Bottle	e (Acidify w/ Sulfu	ric Acid)		
60 ml Bottle (No chemical prese			_			? (Check box if yes	,		+
Sample field filtered? (Check	,			TotPhosp			as Nitrogen	Total Kjeld	
Orthophosphate	and the second se	as Nitrogen (drinking	wator)	Ammonia-N				Total Nitro	gen
Silica		2) as Nitrogen	water)			rus (filter, then acid) ml bottle)	
250 ml Glass An			24	250 ml Round E			For lab use:		
						non-potable		le Temp	_ "C
					cci by N	APN, non-potable		u	

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Form 4800-024 (R 8/15)

Billing and Reporting			a second	a to be said	144	Sec. 1	THE REAL PROPERTY.			
Account Number	Field Num	ber (Bottle Label ID)					Report to Address (Non-DNR only)			
	SWI									
DNR User ID	Report To	Name					City		State ZIP	
victoe	Liz Victo	r					Oshkosh		wr 54901	
Date Results Needed (mm/dd/yy							Report to Em	nail (Non-DNR	only)	
	0	8/20/2016								
Date (mm/dd/yyyy)	Time (24-h	r clock)	End D)ate (mm/dd/yyyy)		End	Time			
06/29/2016	11:09			06/29/2016						
	1.0			00/2//2010						
Sample Type: (•) SU Surface W	/ater	NP Storm Water	(CEF Effluent (Tr	eated	Waste	water)) IF Influent (Ur	ntreated wastewater)	
(select one) (D Public Drink		○ ○MW Monitoring W	ell (OPO Private We	ell		0	SE Sediment		
OSL Sludge)SO Soil	(TI Tissue			Õ)		
Who collected the sample			12.22			Contract.		Carlo Galeria		
Collected By Name		Telephone			Email					
Liz Victor		(920) 3	03-54	424	elizab	eth.v	ictor@wisc	onsin.gov		
Where the sample was colle										
		ss or Location Descrip								
	Kewaunee N Waterbody ID	larsh (02-31-00050	8)		Doint /	Outfo	IL for CIM/IMC	Fieldwork Soc		
			FUIL /	Outra		Fieldwork Seq	110)			
31 - Kewaunee Sample Details			No. Ye							
Sample Description / Device Desc	cription		al Real Provide							
Surface water grab sample usi	ng laborator	y supplied sample of	ontai	ner						
Enforcement? () Yes () No		If Field QC Sample (s			Dep	oth of S	Sample:	⊖ft	Om Oin Ocm	
If yes, include chain of custody for	rm.	ODuplicate OBI	ank	0						
Is Sample Disinfected? () Yes	(X)No	Grant or Project Num	ber		Or 1	Гор an	nd Bottom of S	Sample Interva	1:	
If yes, how?	C						-	() ft	⊖m ⊖in ⊖cm	
Analyses Requested		12.325.523.00			eline on		aviet been			
If field filtered, indicate by checking	g the box on th	is sheet and noting or	ו	250 ml Metals Bottle (Acidify w/ Nitric Acid)						
the lid of the sample bottle.				Sample field filtered? (Check box if yes)						
Plastic Quart Bottle (No chemica)		Low Level Me	tals. N	ote: C	lean sampling	g with special b	ottles	
Sample field filtered? (Check b	_			TCLP (Toxicit	y Char	acteris	stic Leaching	Procedure - us	e mason jar)	
[]Alkalinity, pH, Conductivity				Total recoverable	e metal			otherwise instr	ucted.	
BOD5 Dissolved	Fiuo			Aluminum			Copper		Selenium	
BOD5 Total (900 ml needed)	13	s Screening						-as CaCO3		
CBOD5 Total (carbonaceous	s) [_]pHo	nly (non compliance)		Arsenic			Iron		Sodium	
Chloride		te		Barium					Strontium	
Chlorophyl A (if Field Filtere		idity					_ Magnesiu		Thallium	
give m! fil	tered)		-	Boron Cadmium			Manganes	=	Titanium	
Solids	% Sand, Silt,	Clay							Vanadium Zinc	
Suspended Sediment	Total Suspen	ded Solids (500 ml ne	eded)	Calcium	Total		Molybden Nickel		ZIIIC	
Total Dissolved Solids	Total Vol. Sus	p. Solids (includes To	tal	Cobalt	TULAI					
Total Solids	Susp. Solids)				Detti	- () - (<u> </u>			
Total Volatile Solids (include	s total solids)			250 ml Nutrients				-		
60 ml Bottle (No chemical presen	vation)			TotPhospi			_) 3 as Nitrogen	Total Kjeldahl-N	
Sample field filtered? (Check b	ox if yes)			Ammonia-N				o do Hill ogon	Total Nitrogen	
Orthophosphate	NO2+NO3	as Nitrogen (drinking v	water)			rus (fill		preserve in 60		
Silica	Nitrite (NO	2) as Nitrogen		250 ml Round B				For lab use:		
250 ml Glass Amb	er (Acidify w	Sulfuric Acid)		E. coli by					e Temp °C	
TOC		DOC					non-potable	liced		
								-		

Test Request – Inorganic Surface Water & MicrobiologyForm 4800-024 (R 8/15)Page 1 of 2

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Billing and Reporting	a state of the second		C. S.								
Account Number	Field Num	ber (Bottle Label ID)				F	Report to Address (Non-DNR only)				
RR049	SWI										
DNR User ID	Report To	Name				C	City		State ZIP		
victoe	Liz Victo	r					Oshkosh		WI 54901		
Date Results Needed (mm/dd/yy						F	Report to Em	ail (Non-DNR	only)		
	0	8/20/2016									
Date (mm/dd/yyyy)	Time (24-h	r clock)	End D	ate (mm/dd/yyyy)		End Ti	ime				
06/29/2016	11:4			06/29/2016							
Sample Type				00/29/2010	1.10	1	Can the state				
Sample Type: OSLL Surface W	/ater	NP Storm Water	()EF Effluent (Tr	eated	Wastew	vater)) IF Influent (Ur	ntreated wastewater)		
(select one)		MW Monitoring W		OPO Private Well OSE Sediment							
OSL Sludge	-	⊖SO Soil		TI Tissue			0)			
Who collected the sample	1. 注意的							A CARDON S			
Collected By Name		Telephone			Email				S#0		
Liz Victor		(920) 3	03-54	124	elizab	oeth.vio	ctor@wisc	onsin.gov			
Where the sample was coll											
<i>c</i>		ss or Location Descri									
		1arsh (02-31-00050	(8)		Deint			Fieldwork Coo	No		
	Waterbody ID			Point	Outrail		Fieldwork Seq	100)			
31 - Kewaunee Sample Details					10.00			Take 10			
Sample Description / Device Desc	cription										
Surface water grab sample us	320	y supplied sample of	contai	ner							
Enforcement? () Yes () No		If Field QC Sample (Dep	pth of S	ample:	⊖ft	Om Oin Ocm		
If yes, include chain of custody for		ODuplicate OB	ank	0							
Is Sample Disinfected? OYes	() No	Grant or Project Num	nber	441	Or	Top and	d Bottom of	Sample Interva	1:		
If yes, how?					-			· () ft	Om Oin Ocm		
Analyses Requested				S. Stand Street							
If field filtered, indicate by checking the lid of the sample bottle.	g the box on th	is sheet and noting or	n	250 ml Metals B							
Plastic Quart Bottle (No chemica	al preservation)		Sample field f		•					
Sample field filtered? (Check b		,									
Alkalinity, pH, Conductivity	Colo	r		TCLP (Toxicit							
BOD5 Dissolved	Fiuo	ride			emela	_	Copper		Selenium		
BOD5 Total (900 ml needed		s Screening				_		-as CaCO3 🗌			
CBOD5 Total (carbonaceous		nly (non compliance)		Arsenic		_			Sodium		
				Barium			Lead	_	Strontium		
Chlorophyl A (if Field Filtere				Beryllium		Γ]Magnesiu	m 🗌	Thaliium		
	tered)	laity		Boron		Ē	Manganes	se 🗌	Titanium		
Solida				Cadmium		C	Mercuiy		Vanadium		
	% Sand, Silt,	-		Calcium			Molybden	um 🗌	Zinc		
Total Dissolved Solids		ded Solids (500 ml ne		Chromium,	Total	Ľ	Nickel				
	Total Vol. Sus Susp. Solids)	sp. Solids (includes To	otal	Cobalt		E	Potassium	n 🗌			
Total Volatile Solids (include				250 ml Nutrients	s Bottl	le (Acid	lify w/ Sulfu	iric Acid)			
60 ml Bottle (No chemical prese				Sample field f							
Sample field filtered? (Check b				TotPhosp		12		3 as Nitrogen	Total Kjeldahl-N		
Orthophosphate	-	as Nitrogen (drinking	water)	Ammonia-N					Total Nitrogen		
Silica	_	2) as Nitrogen	(ator)					preserve in 60	mi bottle)		
250 ml Glass Aml				250 ml Round E				For lab use:	a Tomp C		
				E. coli by		0.65			e Temp °C		
					CCI DY I	WIPN, N	on-potable				

×.

Test Request – Inorganic Surface Water & Microbiology Form 4800-024 (R 8/15) Page 1 of 2

Billing and Reporting						3			
Account Number	Field Num	ber (Bottle Label ID)		R	eport to Address (Non-DNR only)				
RR049		6-10							
DNR User ID	Report To	Name		Ci					
victoe	Liz Victo	r				4901			
Date Results Needed (mm/dd/yy				R	eport to Email (Non-DNR only)				
	0	8/20/2016		_		_			
Date (mm/dd/yyyy)	Time (24-h	r clock)	nd Date (mni/dd/yyyy) End Tir	ne				
06/29/2016	10:0		06/29/2016						
0012/12010	10 0		00/2//2010						
Sample Type: (•)SU Surface V	Vater	ONP Storm Water	OEF Effluent (1	reated Wastewa	ater) OIF Influent (Untreated waster	water)			
(select one)	king Water	MW Monitoring We	I OPO Private W	/ell	OSE Sediment				
SL Sludge	•	OSO Soil	OTI Tissue		Õ				
Who collected the sample			A CARLES CONTRACTOR						
Collected By Name		Telephone		Email					
Liz Victor		(920) 30	3-5424	elizabeth.vic	or@wisconsin.gov				
Station ID (STORET #)	Cample Addre	es es l'esotien Deserint	ion						
		ss or Location Descript							
	Kewaunce N Waterbody ID	farsh (02-31-000508)	Point / Outfall (or SWIMS Fieldwork Seq No)				
31 - Kewaunee	waterbody ib	(**86)		l'onic / Outruit					
Sample Details									
Sample Description / Device Desc	cription								
Surface water grab sample us	ing laborator	y supplied sample co	ontaincr						
Enforcement? OYes ON)	If Field QC Sample (se	elect one):	Depth of Sa	mple: Oft Om Oin	() cm			
If yes, include chain of custody for	rm.	ODuplicate OBla	nk ()						
Is Sample Disinfected? OYes	s 🛞 No	Grant or Project Numb	per	Or Top and	Bottom of Sample Interval:				
If yes, how?					() ft () m () in	() cm			
Analyses Requested	Salar Mark					A VEL			
If field filtered, indicate by checking	g the box on th	is sheet and noting on	250 ml Metals I	Bottle (Acidify)	v/ Nitric Acid)				
the lid of the sample bottle. Plastic Quart Bottle (No chemica	al proponyation	N N	Sample field	filtered? (Chec	k box if yes)				
Sample field filtered? (Check b)			an sampling with special bottles				
Aikalinity, pH, Conductivity		r			c Leaching Procedure - use mason jar)				
BOD ₅ Dissolved				Total recoverable metals will be run unless otherwise instructed.					
				_	Copper Selenium				
BOD5 Total (900 ml needed	,	s Screening			Hardness-as CaCO3 Siiver				
CBOD5 Total (carbonaceous		nly (non compliance)	Arsenic	_	Iron Sodium				
			Barium Beryliium		LeadStrontium]MagnesiumThallium				
Chlorophyl A (if Field Filtere		idity	Boron		Manganese Titanium				
	Itered)				Mercury Vanadium				
Solids	% Sand, Silt,	Clay			Molybdenum				
]Total Suspend	ded Solids (500 ml need		, Total	Nickel				
Total Dissolved Solids		p. Solids (includes Tota	al Cobalt		Potassium				
	Susp. Solids)		250 ml Nutrient	ts Bottle (Acidi	y w/ Sulfuric Acid)				
Total Volatile Solids (include	es total solids)			liltered? (Chec					
60 ml Bottle (No chemical preser	,		TotPhos	phorus	NO2 + NO3 as Nitrogen	lahl-N			
Sample field filtered? (Check b	_		Ammonia-	N	COD Total Nitro	gen			
Orthophosphate	- ANTER AND MARKED	as Nitrogen (drinking w	ater) Tot. Dis. P	hosphorus (filter	, then acid preserve in 60 ml bottle)				
Silica		2) as Nitrogen	250 ml Round	Bacteria Bottle	For lab use:				
250 ml Glass Amb	ber (Acidify w		E. coli b	y MPN, non-pota	able Sample Temp	_°C			
		DOC		occi by MPN, no					
Please enclose this	s form in the m	ailer along with the san	nple and send to the S	State Lab of Hyg	iene.				

Additional parameters or instructions to laboratory:

(select one)

Liz Victor

County

If yes, how?

give m

Silica

Птос

Solids

Test Request – Inorganic Surface Water & Microbiology

Page 1 of 2

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Form 4800-024 (R 8/15)

Billing and Reporting Account Number Field Number (Bottle Label ID) Report to Address (Non-DNR only) **RR049** SW16-12 **DNR User ID** Report To Name City State ZIP Oshkosh WI victoe Liz Victor 54901 Date Results Needed (mm/dd/yyyy) Report to Email (Non-DNR only) 08/20/2016 Date (mm/dd/yyyy) Time (24-hr clock) End Date (mm/dd/yyyy) End Time 10:12 06/29/2016 06/29/2016 Sample Type Sample Type: • SU Surface Water **ONP** Storm Water OEF Effluent (Treated Wastewater) () IF Influent (Untreated wastewater) OD Public Drinking Water MW Monitoring Well OPO Private Well ○ SE Sediment OSL Sludge OSO Soil OTI Tissue \bigcirc Who collected the sample **Collected By Name** Telephone Fmail (920) 303-5424 elizabeth.victor@wisconsin.gov Where the sample was collected Station ID (STORET #) Sample Address or Location Description SW16-12 Kewaunee Marsh (02-31-000508) Waterbody ID (WBIC) Point / Outfall (or SWIMS Fieldwork Seq No) 31 - Kewaunee Sample Details Sample Description / Device Description Surface water grab sample using laboratory supplied sample container If Field QC Sample (select one): Depth of Sample: Enforcement? ()Yes ()No Oft Om Oin Ocm If yes, include chain of custody form. Ouplicate OBlank O Or Top and Bottom of Sample Interval: Grant or Project Number Is Sample Disinfected? ○ Yes Oft Om Oin Ocm Analyses Requested If field filtered, indicate by checking the box on this sheet and noting on 250 ml Metals Bottle (Acldify w/ Nitric Acid) the lid of the sample bottle. Sample field fillered? (Check box if yes) Plastic Quart Bottle (No chemical preservation) Low Level Metals. Note: Clean sampling with special bottles Sample field filtered? (Check box if yes) TCLP (Toxicity Characteristic Leaching Procedure - use mason jar) Alkalinity, pH, Conductivity Color Total recoverable metals will be run unless otherwise instructed. BOD5 Dissolved Fluoride Selenium Aluminum BOD5 Total (900 ml needed) MBAs Screening Antimony Hardness-as CaCO3 Silver CBOD₅ Total (carbonaceous) Arsenic pH only (non compliance) liron Sodium Barium Lead Strontium Chloride Sulfate Beryllium Magnesium Thallium Chlorophyl A (if Field Filtered, Turbidity Boron Manganese Titanium filtered) Cadmium Mercury Vanadium 8 Sand, Silt, Clay Calcium Molybdenum Zinc Suspended Sediment Total Suspended Solids (500 ml needed) Chromium, Total Nickel Total Dissolved Solids Total Vol. Susp. Solids (includes Total Cobalt Susp. Solids) Potassium Total Solids 250 ml Nutrients Bottle (Acidify w/ Sulfuric Acid) Total Volatile Solids (includes total solids) Sample field filtered? (Check box if yes) 60 ml Bottle (No chemical preservation) NO2 + NO3 as Nitrogen Total Kjeldahi-N Tot.-Phosphorus Sample field filtered? (Check box if yes) Total Nitrogen Ammonla-N Orthophosphate NO2+NO3 as Nitrogen (drinking water) Tot. Dis. Phosphorus (filter, then acid preserve in 60 ml bottle) Nitrite (NO2) as Nitrogen 250 ml Round Bacteria Bottle For lab use: 250 ml Glass Amber (Acidify w/Sulfuric Acid) Sample Temp _____ °C E. coli by MPN, non-potable

Enterococci by MPN, non-potable

Please enclose this form In the mailer along with the sample and send to the State Lab of Hygiene. Additional parameters or instructions to laboratory:

DOC

Test Request - Inorganic Surface Water & Microbiology Form 4800-024 (R 8/15) Page 1 of 2

5 54901 ewater)
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dahl-N ogen

Additional parameters or instructions to laboratory:

State of Wisconsin

Department of Natural Resources 100

Chain of Custody Record Form 4100-145 (R 3/09)

Sample Collecto	or(s) Name			Return Report As: (s	elect one)	Email or Postal Address				Phone N	umber (inclu	de area code)		
Liz Victor, Ch	neryl Bougie	Sarah F	rederick	🗹 Email 🗌 Har	d Copy	elizabeth.victor@wisconsir	n.gov			920 30	3 5424			
Property Owner	r		,			ty Address				Phone N	umber (inclu	de area code)		
					Kewa	aunee Marsh (02-31-000508)				a				
Split Samples	Cffered?	U Ye	es 🔽 No			ж. С. С. С								
<u>×</u>	Accepted	? \ Ye	es 🔽 No, A	ccepted By (Signatur	e):					Lab U	Lab Use Only			
Field ID No.	Date	Time	No. of Containers			on Location e Description	Lab i Numb		Cracked / Broken	improperly Seaied	Good Condition	Other Comments		
51116-5	6129/16	8-51	1											
SUNG 7	6/29/16	9:34 .	1					1		-				
51216-10	6/29/16	10:03	<u>ر</u>								1			
56216-12	6/29/16	10:12	1	14 4	5				-					
51016-8	6/29/16	11:09	۱. –						-					
5W16-3	6/29/16	13:55							_					
Method of S	hipment:		Reason for	Sample Collection:			Was the sa	ampie sł	nipping conta	iner sealed o	receipt? [Yes No		
Staff U.S. F UPS FedE Other			Anin Oper Dair Con	ydrous Ammonia Spill nal Waste n Burning y Product Spill struction/Storm Water	Runoff	Pesticide Spill * – Specify F Hazardous Waste Release Petroleum Product Release Industrial Spill/Runoff * – S Other – Specify: <u>Arsenic Spi</u> formation and for consultation. Also	* e * Specify F pecify industr	у Туре:		•				
L hereby certi	fy that I recei	ved and i		ed these samples as n			include sam					tion Sample:		
Relinquished I			Date / Time / 7/5/ /6/1015	Date / Time / Received By (Signature)				ime	Disposition of Unused Portion Sample:					
Relinquished				Date / Time					ìme	Retain until further notice				
Relinquished	By (Signature)			Date / Time	Received	d for Laboratory By (Signature)		Date / T	ime		additional	room for notes rm.		

State of Wisconsin Department of Natural Resources

Chain of Custody Record Form 4100-145 (R 3/09)

10

Sample Collecto	or(s) Name			Return Report As: (se	electone)	Email or Postal Address			Phone N	lumber (inclu	de area code)			
Liz Victor, Ch	neryl Bougie	, Sarah F	rederick	Email Hard	і Сору	elizabeth.victor@wisconsin.	gov 920 303 5424							
Property Owner	r		15. U		Propert	y Address					de area code)			
					Kewa	aunee Marsh (02-31-000508)								
Split Samples	· Offered?	Ye	es 🔽 No											
	Accepted			Accepted By (Signature	Accepted By (Signature):					Lab Use Only				
Field ID No.	Date	Time	No. of Containers	•		n Location Description	Lab ID Number	Cracked / Broken	Improperly Sealed	Good Condition	Other Comments			
SW16-9	6/29/16	11:40	1			1								
5616-4	6/29/16	14:20	۱.			•		-						
Sw\6 - 6	6/29/16	14:30	7					-						
5016-13	6/29/16	14:40	١.					_	·					
Swile- 1	6/29/16	15:06	1											
50016-2	6/29/16	15:15						-						
Method of S	hipment:	-	Reason fo	r Sample Collection:			Was the sample s	hipping conta	ainer sealed or	n receipt? [Yes No			
Staff U.S. F UPS FedE Other			Ani Ope Dai	nydrous Ammonia Spill mal Waste en Burning ry Product Spill nstruction/Storm Water let the laboratory with pro		 Pesticide Spill * – Specify Pe Hazardous Waste Release * Petroleum Product Release * Industrial Spill/Runoff * – Specify: Arsenic Spill* Other – Specify: Arsenic Spill* formation and for consultation. Also, is 	* – Specify Produc ecify Industry Type	t: ::						
I hereby certi	ify that I recei	ved and		ed these samples as no		the second s					rtion Sample:			
Relinquished I	CTOR	_		7/5/16/1015		By (Signature)	Date / 1 Date / 1	îme	Di					
Relinquished I					Date / Time Received By (Signature)					Retain until further notice Other				
					Date / Time Received for Laboratory By (Signature)				Date / Time If you need additional room f use the back of this form.					
pag	je 20%	F2												

