Report

2021 Water Quality Monitoring Data (Per License Article 401 WQC, Condition K)

for the

Clam River Hydroelectric Project

FERC Project #9185

Flambeau Hydro, LLC

Clam River, Burnett County, Wisconsin

Respectfully Submitted by:

Angie Stine



429 River Lane, P.O. Box 27 Amasa, Michigan 49903

Phone: 906-822-7889

Summary Clam River Hydroelectric Project – FERC #9185

2021 marked the fourteenth year of water quality sampling under FERC License issued on July 24, 2006 to Flambeau Hydro, LLC for the Clam River Hydroelectric Project – FERC Project # 9185 and specifically Appendix A Section 401 K. Monitoring was conducted on April 6, July 13, and August 4, 2021. This document contains all of the associated records for the 2021 monitoring along with summary figures and tables in four appendices: (1) Appendix A (Figures 1-4), (2) Appendix B (Tables 1-3), (3) Appendix C (sampling logs by date), and (4) Appendix D (laboratory reports and chains of custody).

A map of the Clam River Hydroelectric Project is shown in Figure 1 indicating the water quality sampling location.

Monitoring results for 2021 are shown in Table 1. No unusual Temperature (Figure 2) or Dissolved Oxygen (Figure 3) readings were observed in April but in July the D.O. was below 5.0 mg/L at 15 feet and in August the D.O. was below 5.0 mg/L at 9 feet. The Secchi depths are shown in Figure 4.

In general, the weather (temperature and rainfall) during 2020-2021 monitoring season appeared slightly warmer December, February, and April through December with lower-than-normal precipitation in October, November, January, February, June, July, August, and September, and normal to high precipitation in the months of December, April, and May (Table 2).

Ice-Out occurred on the Clam River sometime during the week beginning March 22, 2021. The Ice-Out sampling event occurred on April 6, 2021. River flow, based on the Clam River Hydroelectric Project records, was approximately 437 cubic feet per second. Sampling occurred between 10:10 and 10:28. Samples were taken without incident. No unusual D.O. or Temperature readings were observed. Samples for laboratory analysis were delivered to White Water Associates, Inc. laboratory in Amasa, MI on April 7, 2021. White Water Associates, Inc. issued a laboratory report on May 12, 2021. No unusual levels of Chlorophyll *a*, True Color, or Total Phosphorus were noted in the laboratory reports.

River flow, based on the Clam River Hydroelectric Project records, was approximately 113 cubic feet per second during the July 13, 2021 sampling event. Sampling occurred between 10:35 and 11:06. Samples were taken without incident. No unusual Temperature readings were observed. The D.O. went below 5.00 mg/L at 15.0 feet (4.71 mg/L). The 0.5 ft above bottom D.O. was 2.59 mg/L. Samples for laboratory analysis were delivered to White Water Associates, Inc. laboratory in Amasa, MI on July 14, 2021. White Water Associates, Inc. issued a laboratory report on July 30, 2021. No unusual levels of Chlorophyll *a*, True Color, or Total Phosphorus were noted in the laboratory reports.

River flow, based on the Clam River Hydroelectric Project records, was approximately 107 cubic feet per second during the August 4, 2021 sampling event. Sampling occurred between 9:51 and 10:38. Samples were taken without incident. No unusual Temperature readings were observed. The D.O. went below 5.00 mg/L at 9 feet (4.72 mg/L). The 0.5 ft above bottom D.O. was 0.87 mg/L. Samples for laboratory analysis were delivered to White Water Associates, Inc. laboratory in Amasa, MI on August 5, 2021.

White Water Associates, Inc. issued a laboratory report on September 12, 2021. No unusual levels of Chlorophyll *a*, True Color, or Total Phosphorus were noted in the laboratory reports.

A summary of a comparison between the 2013 thru 2020 (Table 3) sampling results are as follows:

- 1. Water Clarity Secchi increased Ice Out and July, decreased August
- 2. Chlorophyll a Decreased Ice Out, increased July and August
- 3. Color stayed the same Ice Out, decreased July and August
- 4. Total Phosphorus Decreased Ice Out, increased July and August
- 5. Overall, D.O. Increased Ice Out, July and August
- 6. Water Temperatures Increased Ice Out, July, and August

The next scheduled Water Quality Monitoring at the Clam River Hydroelectric Project is set to take place in 2022 beginning with the Ice-Out sampling event.

Appendix A – Clam River Hydroelectric Project Figures

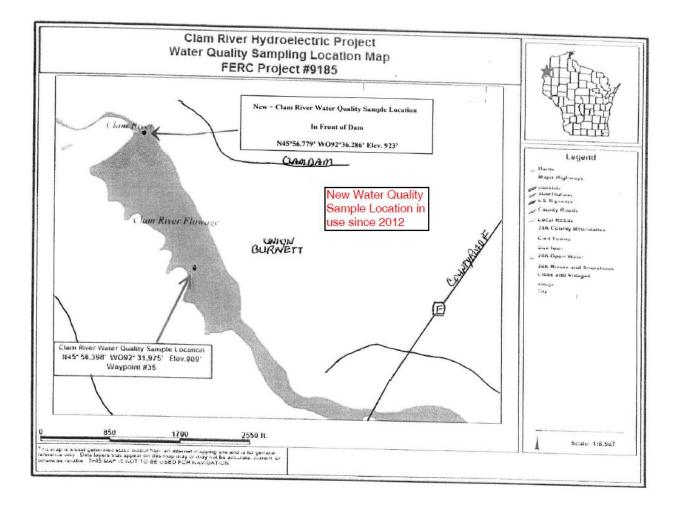
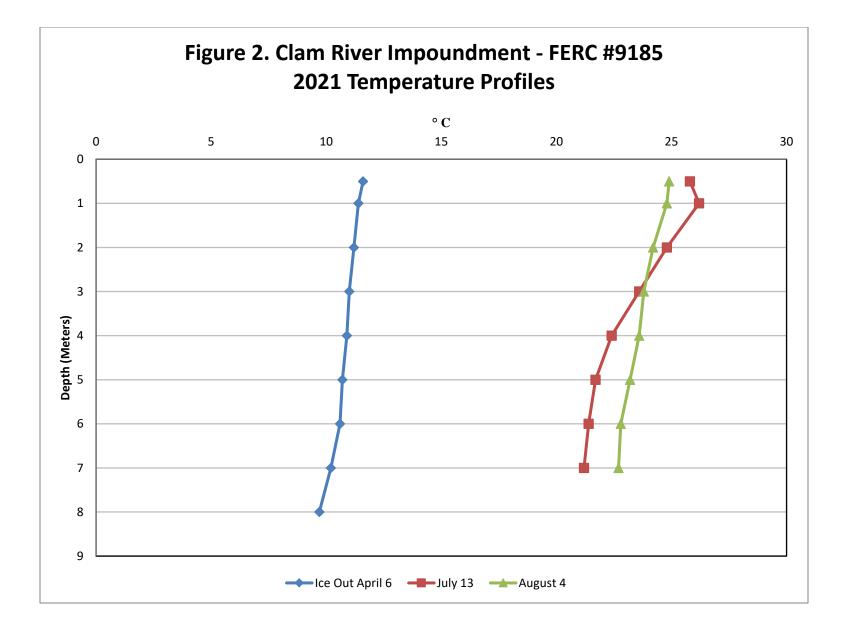
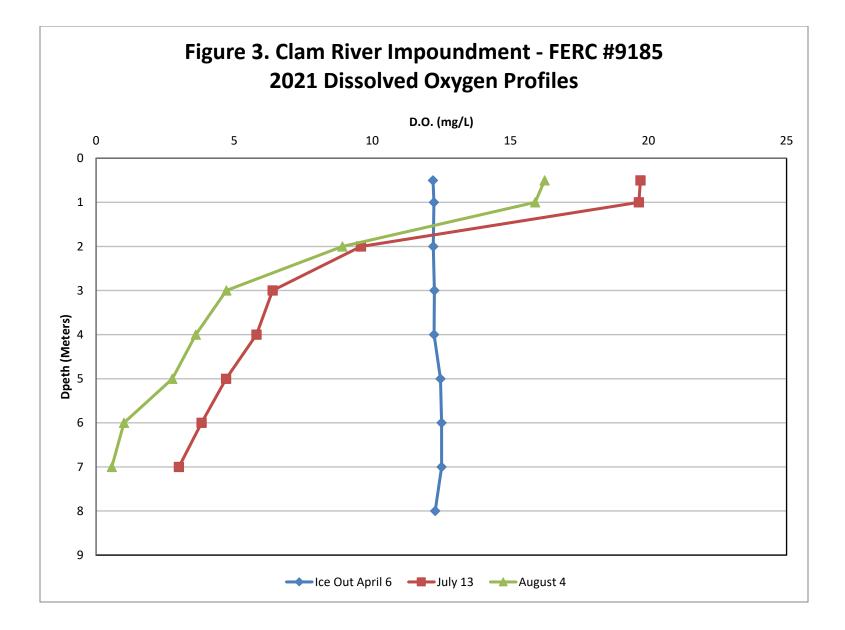
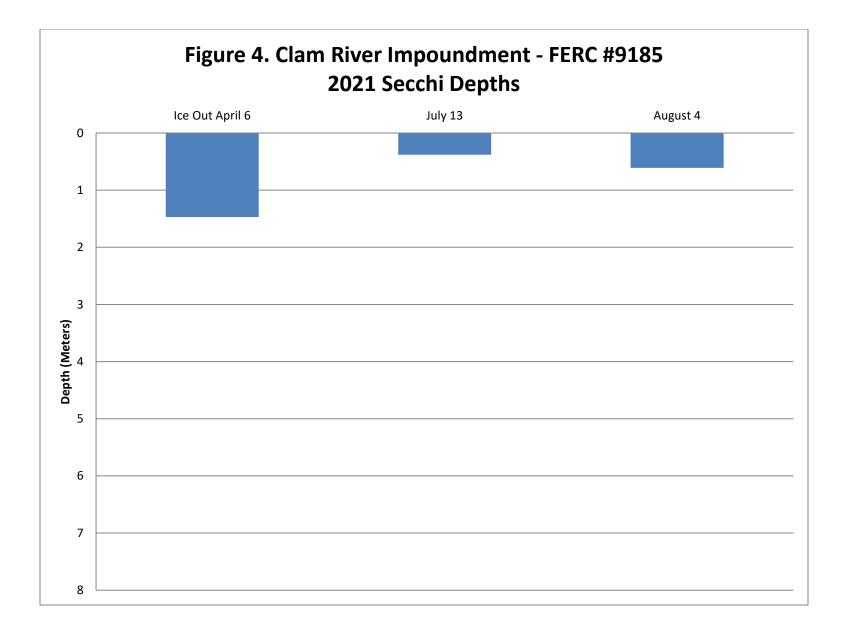


Figure 1. Clam River Hydroelectric Project Map







Appendix B – Clam River Hydroelectric Project Tables

	lce	e Out April 6	5, 2021	July 13, 2021		August 4, 2021			
Project Flow (c.f.s)		437			113			107	
Dissolved Oxygen	Time	D.O. (mg/L)	Water Temp. (°C)	Time	D.O. (mg/L)	Water Temp. (°C)	Time	D.O. (mg/L)	Water Temp. (°C)
0.5 meter below surface	10:21.37	12.20	11.6	10:44.29	19.71	25.8	10:21.16	16.24	24.9
1 meter below surface	10:22.26	12.23	11.4	10:44.50	19.74	26.1	10:23.27	15.90	24.8
2 meters below surface	10:22.57	12.21	11.2	10:49.48	19.65	26.2	10:26.11	8.92	24.2
3 meters below surface	10:23.40	12.25	11.0	10:53.35	9.59	24.8	10:29.04	4.72	23.8
4 meters below surface	10:24.10	12.24	10.9	10:57.06	6.39	23.6	10:31.54	3.61	23.6
5 meters below surface	10:24.54	12.47	10.7	10:59.29	5.81	22.4	10:34.27	2.76	23.2
6 meters below surface	10:23.34	12.51	10.6	11:01.36	4.71	21.7	10:35.47	1.01	22.8
7 meters below surface	10:26.09	12.51	10.2	11:03.38	3.82	21.4	10:38.29	0.87	22.7
8 meters below surface	10:27.15	12.28	9.7	11:05.50	3.00	21.1			
0.5 meter above bottom	10:28.18	12.31	9.7	11:07.20	2.59	21.1	10:38.21	0.87	22.7
Secchi Disk	Time	Depth		Time	Depth		Time	Depth	
		(m)			(m)			(m)	
Meters below surface	10:19	1.47	-	10:37	0.381		10:15	0.6096	
Chlorophyll <i>a</i>	Time	μg/L		Time	μg/L		Time	μg/L	
1 meter below surface	10:19	9.20		10:40	27.00		10:16	72.00	
						-			
Color (True)	Time	C.P.U.	LOD	Time	C.P.U.	LOD	Time	C.P.U.	LOD
		Units			Units			Units	
1 meter below surface	10:19	35.00	5*	10:40	10.00	5*	10:16	25.00	5*
Γ			1	 		T			
Total Phosphorus	Time	mg/L	LOD	Time	mg/L	LOD	Time	mg/L	LOD
1 meter below surface	10:19	0.043	0.008*	10:40	0.086	0.008*	10:16	0.099	0.008*
1 meter above bottom	10:23	0.036	0.008*	10:45	0.041	0.008*	10:19	0.070	0.008*
*Considered Method Dete	ection Limit	N/A = Not A	pplicable						

Table 1. Clam River Hydroelectric Project – FERC Project # 9185: 2021 Water Quality Sampling Data

				Departure	Heating	Normal				
Month	Highest	Lowest	Average	From	Degree	Degree	Total	Total	Normal	% of Normal
	Temp.	Temp.	Temp.	Normal	Days	Days	Precip.	Snowfall	Precip.	Precipitation
October - 20	81	28	54.6	-1.0	305	298	0.85	0.00	4.11	69
November - 20	80	13	38.0	-5.2	831	678	2.78	12.0	2.85	66
December - 20	75	11	33.3	4.5	948	1088	2.45	19.2	2.09	70
January – 21	44	-12	19.7	-0.22	1394	1556	0.99	16.5	1.21	75
February – 21	38	-14	17.9	7.7	1453	1699	0.61	9.1	0.96	75
March – 21	42	-35	7.2	-7.9	1612	1399	0.53	8.6	0.81	65
April – 21	61	0	33.2	7.3	979	1210	2.64	8.7	2.64	64
May – 21	66	12	41	1.4	713	762	2.91	2.3	2.43	67
June – 21	83	26	53.5	1.5	372	410	1.88	0.00	3.37	60
July – 21	94	41	66.6	5.4	54	152	1.79	0.00	4.39	67
August – 21	92	40	68.2	1.2	41	50	2.75	0.00	3.92	67
September - 21	89	46	68.6	3.1	24	64	2.44	0.00	3.73	70

Table 2. 2020/21 Water Year Monthly Temperature and Precipitation for Clam River, Wisconsin

Source: NOAA/Duluth, MN

Year	Month	Secchi Depth	Chlorophyll a	Color (True)	Total Phosphorus	Total Phosphorus	Low D.O.	High D.O.	Low Water Temp.	High Water Temp.
		meters	μg/L	C.P.U. Units	Below Surface mg/L	Above Bottom mg/L	mg/L	mg/L	°C	° C
2014	June	1.10	8.60	70.00	0.041	0.042	9.14	9.40	11.50	12.70
2015	April	1.50	13.00	25.00	0.049	0.039	8.45	11.93	9.90	14.40
2016	March	1.19	11.00	15.00	0.040	0.040	10.91	12.09	3.90	4.80
2017	April	1.30	15.00	10.00	0.024	0.025	9.91	11.03	9.70	10.80
2018	May	0.44	22.00	25.00	0.053	0.055	8.71	9.28	17.50	18.10
2019	April	1.46	5.200	40.00	0.032	0.047	8.94	9.39	9.11	9.60
2020	April	0.975	14.00	35.00	0.066	0.048	10.75	11.00	7.90	9.50
2021	April	1.47	9.20	35.00	0.043	0.036	12.20	12.51	9.70	11.60
Minimum	March-June	0.44	5.20	10.00	0.024	0.025	8.45	9.28	3.90	4.80
Maximum	March-June	1.50	22.00	70.00	0.066	0.055	12.20	12.51	17.50	18.10
Average	March-June	1.18	12.25	31.88	0.044	0.042	9.88	10.83	9.90	11.44
2014	July	0.80	18.00	50.00	0.056	0.055	7.06	12.44	20.40	22.50
2015	July	1.10	12.00	35.00	0.061	0.043	7.48	9.77	22.00	23.10
2016	July	0.88	44.00	30.00	0.043	0.043	0.70	11.31	24.40	26.60
2017	July	1.00	15.00	25.00	0.033	0.075	5.83	9.47	23.50	23.90
2018	July	0.46	26.00	30.00	0.090	0.093	0.07	8.47	24.90	26.10
2019	July	0.91	36.00	25.00	0.057	0.058	3.21	10.72	23.30	24.70
2020	July	0.549	17.00	25.00	0.057	0.059	0.72	10.17	24.10	24.90
2021	July	0.38	27.00	10.00	0.86	0.041	2.54	19.51	21.60	26.10
Minimum	July	0.055	12.00	10.00	0.033	0.041	0.07	8.47	20.40	22.50
Maximum	July	1.10	44.00	50.00	0.090	0.093	7.48	19.51	24.90	26.60
Average	July	0.70	24.38	28.75	0.060	0.058	3.45	11.49	23.03	24.78
2014	August	0.60	34.00	50.00	0.081	0.075	4.91	10.13	22.70	24.20
2015	August	0.50	120.00	40.00	0.076	0.043	5.50	16.91	22.60	24.70
2016	August	0.70	61.00	25.00	0.050	0.053	0.16	14.89	22.80	25.30
2017	August	1.00	11.00	20.00	0.034	0.034	3.30	9.84	20.70	21.40
2018	August	0.58	20.00	30.00	0.067	0.074	0.07	10.85	23.10	25.50
2019	August	0.58	92.00	45.00	0.090	0.065	0.04	13.08	22.40	24.40
2020	August	0.762	27.00	28.00	0.022	0.026	3.90	10.38	22.8	23.10
2021	August	0.61	72.00	25.00	0.099	0.070	0.870	16.24	22.70	24.90
Minimum	August	0.50	11.00	20.00	0.022	0.026	0.04	9.84	20.70	21.40
Maximum	August	1.00	120.00	50.00	0.099	0.075	5.50	16.91	23.10	25.50
Average	August	0.67	54.63	32.88	0.065	0.055	2.28	12.80	22.48	24.23

*no sample taken

Appendix C – Clam River Impoundment Project Sampling Logs

IMPOUNDMENT SAMPLING LOG
Water Quality Study Location Clam Kirk
Hydroelectric Project – FERC #
Date: <u> </u>
Pre-Sampling Data:
HWL 898 (4TWL 864,4 CFS 437
Sample Location: <u>N45° Sb, 799</u>
W 092° 36.286
Performed by: A, Stim Skan Caron
Time: <u>10, 10</u> Barometer: <u>24, 1</u>
Air Temp: <u>J</u> °F Wind Speed: <u>N^{NF} 12 mpH</u>
Sky Conditions: 2590 (linds
Precipitation within Last 24 Hours:
D.O. Meter Calibration:
Instrument Model Used: HQ40D
Were the batteries changed? 🗀 Yes 🙀 No
If yes, when were they changed:
Battery Status:% Charge
Calibration Method: Factory
Sampling Depth Profile: Measured depth to bottom of impoundment: $\frac{2+0+}{1.5}$ Meters
Secchi Depth (<u>+</u> 0.1)
Time/U.14 4.10 Feet Meters
1.47 Meturs

Chlorophyll a(1 Meter below surface horizontal sampler)Time /0, 19Quantity (ml)Filtered1000In LabPreservativeMgCO3

True Color (1 Meter below surface horizontal sampler) Time 10,19

	A
Tota	l Phosphorus
(1 Meter below su	urface horizontal sampler)
Time 10:19	Preservative
· · · ·	H ₂ SO ₄

Total Phosphorus					
(1 Meter above bottom horizontal sampler)					
Time 10.23	Preservative				
H ₂ SO ₄					

D.	D.O. and Temperature Profile							
Depth	Time	D.O.	Temperature					
(Meters)		(mg/L)	° C					
0.5 below	10-21-37	12.20	111					
surface	Nº A JI	ININO	1114					
1.	11.20.26	12.23	1114					
2	10,22,57	12.21	11.2					
- 3	10:23 410	12.25	11.0					
4	16:24.10	12.24	10,9					
5	1. 24.54	12.47	10.7					
6	1023.34	12.51	16.6					
7	10:21 09	12.51	70,2					
\$75	10.24.15	1228	9.7					
0.5 above	10:28:18	12.31	67					
bottom	10,00,10	14.31	III P					

*If D.O. is below 5.0 mg/L notify agency and measure D.O. at 1.0 foot intervals if <5.0 mg/L.

Comments:



IMPOUNDMENT SAMPLING LOG	(1 Nator h	elow surfac	-
Water Quality Study Location	Time // //		
Hydroelectric Project – FERC # 9185		1000	
	Preservative	3	Mg
Date: 7-13-2	······	·····	
Pre-Sampling Data:	(1 Motor b	True Delow surfac	Color
HWL 898 78 TWL 863 CFS 113	Time /U/	····· ·	
	· ·	×	· " *
Sample Location: <u>N46° GL. 799</u>	(1 Dates)	Total Ph	-
W 092 36, 286	Time /0, y	below surfa	Pres
		<u> </u>	H₂SC
Performed by: Angle Stine Serg Coron			
That ADDAX	(1 Motor	Total Pł above botto	
Time: $\frac{1035}{1035}$ Barometer: $\frac{1007}{1007}$,45	Pres
Air Temp: X F Wind Speed: Sw Comp H	1-	<u> </u>	H₂SC
Sky Conditions:			
	Depth	O. and Tem Time	D.C
Precipitation within Last 24 Hours: <u>\\</u>	(Meters),		(mg/
D.O. Meter Calibration:	0.5 below surface	D3744	19,9
Instrument Model Used: HQ40D	1	1038:28	A.1.
	2	10.40:35	7.6
Were the batteries changed? 🗖 Yes 🔄 No	3	10: 41:19	7.1
If yes, when were they changed:	4	10,43.01	- 7, C - 4, I
Dettern Status (2)	6		
Battery Status:% Charge	7		
Calibration Method: Factory	0.5 above		
Sampling Depth Profile: Measured depth to	bottom		<u> </u>
bottom of impoundment: 22 Meters		below 5.0 m	•
Secchi Depth (+ 0.1)	•).O. at 1.0 fc	ot inte
Time 10 ; 37 37 Meters 0 .	381 meter	5	
Comments: CLRUPICM204	N45	, 93 70	68
Br. 11 Eagle 20+ Pumple	W-92	. 5299	28
comments: CLRUPICAZOF Bald Eagle 20+ Pumple Cousester Pankol Partles WHITT	b plan	res	1
ranna wince White	E WATEF	R.	
M22001	ATES, INC		

Chlorophyll a					
(1 Meter below surface horizontal sampler)					
Time 10,40	Quantity	(ml)	Filtered		
	1000		In Lab		
Preservative		MgC	O ₃		

1

True Color surface horizontal sampler)

· .	m ·
Total	Phosphorus
(1 Meter below su	Irface horizontal sampler)
Time /0,40	Preservative
	H ₂ SO ₄

Total Phosphorus						
(1 Meter above bot	(1 Meter above bottom horizontal sampler)					
Time 10,45 Preservative						
H ₂ SO ₄						

D.	D.O. and Temperature Profile							
Depth	Time	D.O.	Temperature					
(Meters)		(mg/L)	° C					
0.5 below	h a 1	1 1	0.1					
surface	1037.44	19,51	2611					
1	10:38:28	A.15	26.0					
2	10.40:35	7.67	24.1					
3	10:41:19	7.19	23.4					
4	10:412:21	5,09	22.3					
5	10,43:01	4.10	21.6					
6		,,,						
7								
8		,	•					
0.5 above								
bottom								

5.0 mg/L notify agency and 1.0 foot intervals if <5.0 mg/L. Water Quality Location: <u>CIGM HIVER</u> Date: 7. 13-21

*D.	O. and Te	emperature	Profile
Depth	Time	D.O.	Temperature
(Feet)		(mg/L)	°C
0.5 below		e	2-1)
surface	10.44.29	.19.7H	~5K
1	101,1905	19.74	25.1
2	10 41.42	19877	26.7
3	10,491.44	19.65	26.2
4	10.50.35	19.10	26.1
5	10.52.50	13.70	25.2
6	10.53.35	9.59.	24.8
7	10,55.38	7.55	24.1
8	10.56.15	7.32	23.8
9	10.57.06	6.39	23.6
10	10.57.59	6.93	23.1
11	10.5833	6.83	22.8
12	10.59,29	5,81	2.2.4
13	11.00.04	5.41	22.2
14	11.00,49		21.9
15	11.01.36		21.7
16	11.02.14	4.23	21.5
17	11.07.50	3.97	21.4
18	11.03.38	3.42	21.4
19	11.04 20	3.47	21.3
20	11.0456	3.43	21.3
21	11.05.50	3.00	21.2
22	11.06.34	2,54	21.1
23	·		
24			
25			
0.5 above	11.07.20	259	21.1
bottom			

A DECK



.

IMPOUNDMENT SAMPLING LOG
Water Quality Study Location Clam River
Hydroelectric Project – FERC #
Date: 8-4-21
Pre-Sampling Data:
HWL <u>899 Retwl 863.1</u> CFS 107 Sample Location: <u>175 26.799</u>
Sample Location: 115 36. 399
W 092° 34.286
Performed by: <u><u><u>K</u>CMMMuine</u> Caron</u>
Time: 9:51 Barometer: 30.10
Air Temp: <u>67</u> °F Wind Speed: <u>3</u> NW
Sky Conditions:
Precipitation within Last 24 Hours:
D.O. Meter Calibration:
Instrument Model Used: HQ40D
Were the batteries changed? 🗖 Yes 💢 No
If yes, when were they changed:
Battery Status: 6 5% Charge
Calibration Method: Factory
Sampling Depth Profile: Measured depth to bottom of impoundment: <u>21</u> Meters feed (4 MeX45
Secchi Depth (<u>+ 0.1</u>)
Time 10:15 D (Feet) Meters

	Chloroph	nyll a	
(1 Meter bel	ow surface	horizo	ontal sampler)
Time	Quantity	(ml)	Filtered
10:16	1000		In Lab
Preservative		MgC	O ₃

I

198

True Color (1 Meter below surface horizontal sampler) Time 10:16

. .

Total	Phosphorus
(1 Meter below sur	face horizontal sampler)
Time 10:16	Preservative
	H ₂ SO ₄

	Total	Phosphorus
(1 Me	ter above bo	ttom horizontal sampler)
Time	10:19	Preservative
		H ₂ SO ₄

D.	O. and Tem	perature F	Profile
Depth	Time	D.O.	Temperature
(Meters)		(mg/L)	°C
0.5 below			011 14
surface	10:16:21	16.56	24:8
1	10.17:42	15.91	24.7
2	10.18.11	7.76	24.0
. 3	10:19.17	4.51	23.7
4			,
5			
6			
7			
8			
0.5 above			
bottom			

*If D.O. is below 5.0 mg/L notify agency and

measure D.O. at 1.0 foot intervals if <5.0 mg/LBelow 5 mg/L

Comments:



Water Quality Location: <u>CIAM</u> R/NO Date: <u>8-4-7</u>

*D.	O. and Te	emperature	Profile
Depth	Time	D.O.	Temperature
(Feet)		(mg/L)	°C
0.5 below			
surface	10.21.16	16.24	249
1	10.21.58		24.8
2	10.224	15.92	24.4
3	10.23.21	15.40	24.8
4	10.24.58		24-8
5	10.25-31	13.65	24.7
6	10.26.1	8.92	24.2
7	10.27.21	8.03	241
8	10.28.16	5.74	24.0
9	10.29.04	4.72	23.8
10	10.30.21		23.7
11	10.31.21	3.95	23.6
12	10.31.54	3.61	2.3.6
13	10:32.21	2.55	23.5
14	10.33.13		23.3
15	10.34.27		23.2
16	10.34.58		231
17 ·	10:35.11		22.9
18	16:35.41		22.8
19	10.36.42	1.02	22.1
20	10.37.11	0.92	22.8
21	10.38.2	0.51	22.7
22			
23			
24			
25			
0.5 above	10.38.7	1 0.87	22.1
bottom			

WHITE WATER Associates, Inc.

Appendix D – Clam River Hydroelectric Project Lab Reports and Chains of Custody

Cover Page





429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7889 • Fax -7977

Client: RWE		WWA Job #: 93995						
Project:	Monitoring							
Date Received:	4/8/2021	Date Reported: 5/	/12/2021					
Sample Number	Client Sample ID	Date/Time Sampled	Sample Matrix					
93995-001	Clam River Surface	4/6/2021 10:19	Water					
93995-002	Clam River Bottom	4/6/2021 10:23	Water					
93995-003	Danbury Surface	4/6/2021 13:41	Water					
93995-004	Danbury Bottom	4/6/2021 13:46	Water					

Cover Page..continued

ANALYTICAL REPORT



429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7889 • Fax -7977

Client: RWE

WWA Job #: 93995

Comments (if any):

Key to Laboratory Flags:

- *: RPD/RSD exceeds limits.
- B: The analyte was found in the associated blank as well as in the sample.
- J: The quantitation is an estimated value because the result is less than the sample quantitation limit but greater than the detection limit.
- M: A matrix effect was present.
- Q: Batch QC data associated with the analysis does not meet the stated objectives
- H: Indicates analytical holding time exceedance.

ND = Not Detected, MDL = Method Detection Limit, MQL = Method Quantitation Limit ppm = mg/L (liquid) or mg/kg (solid), ppb = ug/L (liquid) or ug/kg (solid) For coliform, Negative = No coliform bacteria detected, Positive = Coliform bacteria detected

Sample Types: S = Solids, DW = Drinking water, D = Dissolved, T = Total, TC = TCLP extract, SP = SPLP extract

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without the written approval of this laboratory. The Chain of Custody is attached.

This report satisfies the requirements of your project but has not been prepared to comply with NELAP reporting requirements.

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and White Water Associates Standard Operating Procedures. Exceptions, if any, are discussed in the accompanying sample narrative. Release of this Final Report is authorized by White Water Associates management, as is verified by the following signature.

Approved By: Electronically signed by Bette J. Premo

remo

WI DNR Lab Certification Number: 999971280
MI EGLE Certification Number: 9306
DoD-ELAP Accreditation Number: 65802 by PJLA for Environmental Testing
ISO/IEC 17025:2005 Accredited

WHITE WATER Associates, Inc.

429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7889 • Fax -7977

Client: RWE				WWA Jo	ob #: 93995			
Project:	Monitoring				<u> </u>			
Date Received:	4/8/2021		Date Rep	orted: 5/12/2021				
		Sample	Results	- by the MMM in a new second state of the seco				·
Sample No. / ID /	Description / Matrix 1	Result Flags	Units	Date/Time	Method	MDL	MQL	Analyst
93995-001 / Clam	1 River Surface / Wate	er						
General Chemi	istry Parameters							
Chlorophyll a	9.2		mg/m3	4/30/2021 13:30	10200H	NA	NA	AH
Color	35	Н	CU	5/3/2021 10:30	2120B	5	5	AH
Total Phosphorus	LL (t) 0.04	-3 J	mg/L	4/14/2021 11:57	365.4	0.008	0.050	NK
93995-002 / Clam	n River Bottom / Wate	r						
General Chemi	istry Parameters							
Total Phosphorus	LL (t) 0.03	6 J	mg/L	4/14/2021 11:58	365.4	0.008	0.050	NK
93995-003 / Danb	oury Surface / Water							
General Chemi	istry Parameters							
Chlorophyll a	7.6		mg/m3	4/30/2021 13:30	10200H	NA	NA	AH
Color	20	Н	CU	5/3/2021 10:30	2120B	5	5	AH
Total Phosphorus	LL (t) 0.01	4 J	mg/L	4/14/2021 11:58	365.4	0.008	0.050	NK
93995-004 / Danb	oury Bottom / Water							
General Chemi	stry Parameters							
Total Phosphorus	LL (t) 0.02	1 J	mg/L	4/14/2021 11:59	365.4	0.008	0.050	NK

ANALYTICAL REPORT

Job # (WWA office use): ()	390	15	**- #** **	Cŀ	IAI	1-0	F-C	UST	ΓΟΓ)Y F	REC	OR	D											. 14		Version 191002
CLIENT NAME / BILL TO			EMA	IL AD	DRE	SS													4	A	W. As	HI SO		E V ATI	VA Es	TER , Inc.
ADDRESS				EPHO					<u> </u>										nne, P.C hlgan 4	о. Воз			Falling State	hone	; (906) 822-7889, Fax -7977 water-associates.com
CITY	STATE	ZIP	CON) -) -				: / WS	SSN#					ANAJ	<u>.Y8I8</u>	TYP	E REC	QUES	TED (Attac	h list i	fneed	bebe) Instructions to White Water Send my report by:
SAMPLER NAME (print first/last nar Ansiz Strin SAMPLER'S SIGNATURE	ne)		COU	NTY	OF L	OCAT	TON		PAG	E	OF)	one p	e If more age of (ords us	coc											email mail
SAMPLER'S SIGNATÚRE		····						upon botile: prese	arrivai s, WW rvatior	and li A data detal		total contal	numbe ns bot	er of lle	of Containers	5	ţ									Unless otherwise noted, drinking water report copies are sent to EGLE and
SAMPLE ID AND LOCATION Containers for each sample may be combined on one line.	DATE	TIME	Drinking water	AMP	LE M	ATRI	Other: X	None 0	H2SO4	ERS EONH	/ PR	HOEN	Na Thio	Other:	Total Number of C	CAL	TPho	Colur								Health Dept. REMARKS (Note any special Instructions provided by client or conditions of receipt noted by WWA lab staff. Also note any restdual chlorine.)
Clam River Sul	4-6-21		<u> </u>	X				Х	X						2	X	X	X								······
X	4-6-21	10.23		Y.					X						}		Ŷ									
Dunbur Safure	4-6-2) 4-6-2)	<u> 3.4 </u> 13.410		Y. V.				<u> </u>	X V						3	X	X	*								
<u> </u>				- r-													/									
			-																							
<u></u>																										
																										· · · · · · · · · · · · · · · · · · ·
	- <u></u> -		-	<u> </u>	<u> </u>																					
Relinquished by:	L	Date: ナーチーズ	Tim //。	<u>.</u> e: гүў	Rec	l elved	by:	L	L	l	L	L	I	Date););	L	Time	L ə:	Comr	nents	/sam	ole te	mp on	recel	pt:	Packing: Ice Cooler
Relinquished by: WHITE - RETURN W/ R		Date:	TIm	e:			by:			000	-			Dale): 8 7	1	Time F',	s D		-1		3				other_WWA



Login Checklist

Pro	ject No.:	93995	Date logged in.: 4/8/2021	Login person's	initials: JT
Clie	ent:	RWE		Number of cool	ers: 1
Pro	ject name:	Monitoring		Courier/shipper	r: WWA
✓	1. Custody	seals/original	packing tape were intact (if applied	cable).	
✓	2. Samples	are in good c	ondition, i.e. not broken or leaking	3.	
	3. Samples	were received	l within holding times.		NOTES on #4:
✓	4. Samples	were received	l on ice (in direct contact with the	samples).	
✓	5. Temper	ature of the sa	mples was between 0-6°C. Temp.	3	
		•	ween 0-6°C that are received at th not require client notification.	e laboratory on t	he day

- 6. Samples matched the Chain of Custody (COC).
- ✓ 7. Proper containers were used.
- **☑** 8. Samples were collected in White Water lab containers.
- ✓ 9. There is adequate sample volume for requested analyses and QC.
- **10.** For water VOC samples, headspace is less than the size of a pea.
- ✓ 11. Samples are preserved to the proper pH. Sample bottles and preservation are noted in LIMS Sample Container Section.
- **☑** 12. The COC is signed. (either Sampler or Relinquished by)
- □ 13. Sub-sampling (SS) is required. Bottles created are noted in sample containers section of log-in form.
- ✓ 14. For Dissolved Analysis (when applicable), samples were filtered in the lab.
- **15.** For soil VOCs, methanol preserved samples were received.
- **16.** For Soil VOCs, samples were preserved with methanol in the lab.
- **17.** Client contact is necessary. Provide documentation below.

COMMENTS/CORRECTIVE ACTION

CLIENT RESPONSE

Note: If hold time, volume, and received on ice or temperature criteria are not met when required by the method, results may not be able to be used for regulatory purposes. Check with your reporting agency for more information.

Cover Page

ANALYTICAL REPORT



429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7889 • Fax -7977

Client: RWE		WWA Job #: 95725						
Project:	Monitoring							
Date Received:	7/15/2021	Date Reported: 7/	/30/2021					
Sample Number	Client Sample ID	Date/Time Sampled	Sample Matrix					
95725-001	Clam River Surface	7/13/2021 10:40	Water					
95725-002	Clam River Bottom	7/13/2021 10:45	Water					
95725-003	Danbury Surface	7/13/2021 13:38	Water					
95725-004	Danbury Bottom	7/13/2021 13:41	Water					

Cover Page..continued





429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7889 • Fax -7977

Client: RWE

WWA Job #: 95725

Comments (if any):

Key to Laboratory Flags:

- *: RPD/RSD exceeds limits.
- B: The analyte was found in the associated blank as well as in the sample.
- J: The quantitation is an estimated value because the result is less than the sample quantitation limit but greater than the detection limit.
- M: A matrix effect was present.
- Q: Batch QC data associated with the analysis does not meet the stated objectives
- H: Indicates analytical holding time exceedance.

ND = Not Detected, MDL = Method Detection Limit, MQL = Method Quantitation Limit ppm = mg/L (liquid) or mg/kg (solid), ppb = ug/L (liquid) or ug/kg (solid) For coliform, Negative = No coliform bacteria detected, Positive = Coliform bacteria detected

Sample Types: S = Solids, DW = Drinking water, D = Dissolved, T = Total, TC = TCLP extract, SP = SPLP extract

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without the written approval of this laboratory. The Chain of Custody is attached.

This report satisfies the requirements of your project but has not been prepared to comply with NELAP reporting requirements.

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and White Water Associates Standard Operating Procedures. Exceptions, if any, are discussed in the accompanying sample narrative. Release of this Final Report is authorized by White Water Associates management, as is verified by the following signature.

Approved By: Electronically signed by Bette J. Premo

remo

WI DNR Lab Certification Number: 999971280
MI EGLE Certification Number: 9306
DoD-ELAP Accreditation Number: 65802 by PJLA for Environmental Testing
ISO/IEC 17025:2005 Accredited

ANALYTICAL REPORT



429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7889 • Fax -7977

Client: RWE			WWA Job #: 95725														
Project:	Monitoring																
Date Received:	7/15/2021		Date Reported: 7/30/2021														
		Sa	ample	Results													
Sample No. / ID / I	Description / Matr	ix Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst								
95725-001 / Clam	River Surface / W	Vater															
General Chemis	try Parameters																
Chlorophyll a		27		mg/m3	7/16/2021 13:20	10200H	NA	NA	AH								
Color		10		CU	7/16/2021 13:30	2120B	5	5	NK								
Total Phosphorus I	LL (t)	0.086		mg/L	7/23/2021 14:18	365.4	0.008	0.050	NK								
95725-002 / Clam	River Bottom / W	ater															
General Chemis	try Parameters																
Total Phosphorus I	•	0.041	J	mg/L	7/23/2021 14:19	365.4	0.008	0.050	NK								
95725-003 / Danbu	try Surface / Wat	er															
General Chemis	try Parameters																
Chlorophyll a		6.4		mg/m3	7/16/2021 13:20	10200H	NA	NA	AH								
Color		10		CU	7/16/2021 13:30	2120B	5	5	NK								
Total Phosphorus I	.L (t)	0.036	J	mg/L	7/23/2021 14:19	365.4	0.008	0.050	NK.								
95725-004 / Danbu	ury Bottom / Wat	er															
General Chemis	try Parameters																
Total Phosphorus I	.L (t)	0.037	J	mg/L	7/23/2021 14:21	365.4	0.008	0.050	NK.								

· · · · · · · · · · · · · · · · · · ·																		٦	Γ.	Ass	soc	FE HAT	CES	s, Inc.			
		TELEPHONE									429 River Lane, P.O. Box 27 Amasa, Michigan 49903					: 27		Phone: (906) 822-7889, Fax -7977 Web: white-water-associates.com									
STATE	ZIP	CON	TRAC	CT / P	07P	ROJE	OT N	AME	/ Ws	SN#										TED (A	Attach	n list if neeeded)					
		6	n	\sim	ic	tu	i ci	Λ¢												- l				Instructions to White Wate Send my report by:			
1e)							Ì				1													email			
									<u> </u>	OF	4											1		mall			
	····			Ger 1 av 2 v			upon i botties	arrival s. WW	and Ir 'A data	ndicate abase (e total e	numbe	le rof le	ontainers										Unless otherwise noted, drink water report coples are sent EGLE and			
		h	AMP	LE M	ATRI	X	CON	ITAIN	IERS	/ PRE	ESER	VAT	VES	ď	V	Ś								Health Dept.			
DATE	TIME	Drinking water	Aqueous	Sed.	Soil	Other:	None	H2SO4	HNO3	HCI	NaOH	Na Thio	Other.	Total Number	CMI	TPho.	Color							REMARKS (Note any speci- instructions provided by client conditions of receipt noted b WWA lab staff. Also note an residual chlorine.)			
9-13-21	102-10						X							3	Х	×	X										
<u> </u>	10.45													\mathcal{T}		X							-	······································			
۰۱							Х						\neg	3	Х	v	V										
١,			Y.				- <u>^``</u>							1	<u>(``</u>	$\widehat{\checkmark}$	~~										
.	-1-2'-1		_/~					~								~											
																								<u></u>			
										—																	
											L																
																							_				
							·																				
	Date:			Rec	eived	by:							Date			Time	э;	Com	ments,	/sampl	e temp	on re י	celpt;	Packing: Ice_ Cooler			
	Date:			Rec	olved	by:	··	0	Ì				Date			Time):							Coolea			
	DATE 72-13-21 	DATE TIME 7-13-21 103-10 '' 103-5 '' 13.38 '' 13.41 Date: 7-19-21	DATE TIME Superior COU	DATE TIME SAMP DATE TIME SO DO TY 	DATE TIME SAMPLE M DATE TIME Some of the second se	DATE TIME SAMPLE MATRI JATE TIME Image: Sample matrix of country of count	SAMPLE MATRIX DATE TIME JATE TIME 101-00 X 13:37 X	DATE TIME SAMPLE MATRIX upon bottle prese Check upon solution prese DATE TIME state upon bottle prese state state solution prese state state solution prese state solution solution prese state solution solution prese state solution solution prese state solution solution prese state solution solutio	DATE TIME Sample MATRIX bottos. Wy reservation Country of Location PAG DATE TIME Sample MATRIX Contain bottos. Wy preservation Contain bottos. Wy preservation Sample MATRIX Contrain bottos. Wy preservation '' Jok-(0) X X X '' Jok-(5) X X X '' Jok-(1) X X X '' Jok-(2) X X X '' Jok-(5) X X X '' Jok-(7) X X X '' Jok-(7) X X X ''	DATE TIME SAMPLE MATRIX CONTAINERS '' JATE TIME soon i	DATE TIME SAMPLE MATRIX CONTAINERS / PR '' JOATE TIME IOATE IOATE IOATE SAMPLE MATRIX CONTAINERS / PR '' JOATE TIME IOATE IOAT	DATE TIME SAMPLE MATRIX CONTAINERS / PRESER DATE TIME Image: Sample matrix and indicate total bottles. Image: Sample matrix and indicate total bottles. Image: Sample matrix and indicate total bottles. DATE TIME Image: Sample matrix and indicate total bottles. Image: Sample matrix and indicate total bottles. Image: Sample matrix and indicate total bottles. '' Image: Sample matrix and indicate total bottles. '' Image: Sample matrix and indicate total bottles. '' Image: Image: Sample matrix and indicate total bottles. Image: Image: Sample matrix and indicate total bottles. Image: Image: Sample matrix and indicate total bottles. Image:	DATE TIME SAMPLE MATRIX Upon arrival and Indicate total number bollios. QC	DATE TIME SAMPLE MATRIX CONTAINERS PRESERVATIVES DATE TIME SAMPLE MATRIX CONTAINERS PRESERVATIVES '' ION-(O) 'X X X I '' ION-(O) 'X 'X X	DATE TIME SAMPLE MATRIX CONTAINERS / PRESERVATIVES grad bit is an and a strain and strain and strain and a strain and strain and a strain and strain	Image: Country of Location PAGE	DATE TIME SAMPLE MATRIX big COUNTY OF LOCATION PAGE Indicate if more than one people of COC menore used upon arrival and lafabase contains bottle upon arrival and lafabase contains bottle preservation details. Solution Solution<	Image: Solution COUNTY OF LOCATION PAGEOF	Image: Product of the second stand of the s	Image: Country of Location PAGE of	Image: Problem in the image is a second stress of the image is	Image: Problem in the problem in th	Image: Problem in the process of th	Image: Participant income temp on page of Country OF LOCATION PAGE of preservatives for each bolic on page of Count income temp on page of Country and indicate total income temp of bolics. WVA delabase contains bolic preservatives of bolics. WVA delabase contains bolic preservatives of bolics. WVA delabase contains bolic preservatives of temp of the set of the set of temp of the set of temp of the set of temp of			

•



Login Checklist

Project No.: 95725 Date logged in.: 7/15/2021 Login person's initials: JT **Client:** RWE Number of coolers: 1 WWA **Project name:** Monitoring **Courier/shipper:** \checkmark 1. Custody seals/original packing tape were intact (if applicable). V 2. Samples are in good condition, i.e. not broken or leaking. 3. Samples were received within holding times. \checkmark NOTES on #4: \checkmark 4. Samples were received on ice (in direct contact with the samples). \checkmark 5. Temperature of the samples was between 0-6°C. Temp.: 1 NOTE: Samples not between 0-6°C that are received at the laboratory on the day

- 6. Samples matched the Chain of Custody (COC).
- ✓ 7. Proper containers were used.
- ✓ 8. Samples were collected in White Water lab containers.

of sample collections do not require client notification.

- 9. There is adequate sample volume for requested analyses and QC.
- **10.** For water VOC samples, headspace is less than the size of a pea.
- ✓ 11. Samples are preserved to the proper pH. Sample bottles and preservation are noted in LIMS Sample Container Section.
- **☑** 12. The COC is signed. (either Sampler or Relinquished by)
- □ 13. Sub-sampling (SS) is required. Bottles created are noted in sample containers section of log-in form.
- ✓ 14. For Dissolved Analysis (when applicable), samples were filtered in the lab.
- **15.** For soil VOCs, methanol preserved samples were received.
- **16.** For Soil VOCs, samples were preserved with methanol in the lab.
- **17.** Client contact is necessary. Provide documentation below.

COMMENTS/CORRECTIVE ACTION

CLIENT RESPONSE

Note: If hold time, volume, and received on ice or temperature criteria are not met when required by the method, results may not be able to be used for regulatory purposes. Check with your reporting agency for more information.

Cover Page

ANALYTICAL REPORT



429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7689 • Fax -7977

Client: RWE		WWA Job #: 9611									
Project:	Monitoring										
Date Received:	8/5/2021	Date Reported: 9.	/12/2021								
Sample Number	Client Sample ID	Date/Time Sampled	Sample Matrix								
96119-001	Clam River Surface	8/4/2021 10:16	Water								
96119-002	Clam River Bottom	8/4/2021 10:19	Water								
96119-003	Danbury Surface	8/4/2021 12:18	Water								
96119-004	Danbury Bottom	8/4/2021 12:20	Water								

Cover Page..continued

ANALYTICAL REPORT



429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7889 • Fax -7977

Client: RWE

WWA Job #: 96119

Comments (if any):

Key to Laboratory Flags:

*: RPD/RSD exceeds limits.

- B: The analyte was found in the associated blank as well as in the sample.
- J: The quantitation is an estimated value because the result is less than the sample quantitation limit but greater than the detection limit.
- M: A matrix effect was present.
- Q: Batch QC data associated with the analysis does not meet the stated objectives
- H: Indicates analytical holding time exceedance.

ND = Not Detected, MDL = Method Detection Limit, MQL = Method Quantitation Limit ppm = mg/L (liquid) or mg/kg (solid), ppb = ug/L (liquid) or ug/kg (solid) For coliform, Negative = No coliform bacteria detected, Positive = Coliform bacteria detected

Sample Types: S = Solids, DW = Drinking water, D = Dissolved, T = Total, TC = TCLP extract, SP = SPLP extract

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without the written approval of this laboratory. The Chain of Custody is attached.

This report satisfies the requirements of your project but has not been prepared to comply with NELAP reporting requirements.

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and White Water Associates Standard Operating Procedures. Exceptions, if any, are discussed in the accompanying sample narrative. Release of this Final Report is authorized by White Water Associates management, as is verified by the following signature.

Approved By: Electronically signed by Bette J. Premo

remo

WI DNR Lab Certification Number: 999971280 MI EGLE Certification Number: 9306 DoD-ELAP Accreditation Number: 65802 by PJLA for Environmental Testing ISO/IEC 17025:2005 Accredited

ANALYTICAL REPORT



429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7689 • Fax -7977

Client: RWE				WWA Job #: 96119														
Project:	Monitoring																	
Date Received:	8/5/2021			Date Reported: 9/12/2021														
		Sa	ample	Results			11-11-11-1		Ann ann an An									
Sample No. / ID / I	Description / Ma	trix Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst									
96119-001 / Clam	River Surface /	Water																
General Chemis	stry Parameters																	
Chlorophyll a		72		mg/m3	8/6/2021 15:40	10200H	NA	NA	AC									
Color		25		CU	9/8/2021 15:50	2120B	5	5	NK.									
Total Phosphorus	LL (t)	0.099		mg/L	8/10/2021 15:55	365.4	0.008	0.050	NK									
96119-002 / Clam	River Bottom /	Water																
General Chemis	stry Parameters																	
Total Phosphorus	•	0.070		mg/L	8/10/2021 15:55	365.4	0.008	0.050	NK									
96119-003 / Danb	ury Surface / W	ater																
General Chemis	stry Parameters																	
Chlorophyll a		18		mg/m3	8/6/2021 15:40	10200H	NA	NA	AC									
Color		10		CU	9/8/2021 15:52	2120B	5	5	NK.									
Total Phosphorus	LL (t)	0.073		mg/L	8/10/2021 15:56	365.4	0.008	0.050	NK.									
96119-004 / Danba	ury Bottom / W	ater																
General Chemis	•																	
Total Phosphorus I	LL (t)	0.038	J	mg/L	8/10/2021 15:57	365.4	0.008	0.050	NK.									

Version 191002	TER	Inc.	Phone: (906) 822-7889, Fax -7977 Web: white-water-associates.com		Instructions to White Water Send my report by:	emait emait	Unless otherwise noted, drinking water report copies are sent to	EGLE and Health Dept	REMARKS (Note any special instructions provided by client or	conditions of receipt noted by WWA lab staff. Also note any residual chlorine)	(barran and	Packing: Ice / Cooler//		other WWA
	WHITE WATER	ASSOCIATES,	Phone: (905) Web: white-	(Attach list if neeeded)		9999 - 9999	5 x x x x x x x x x x x x x x x x x x x		ру на				-				-	-				Comments/sample temp on receipt	S	UPSD FedExD USPSD ClientD Other WW
		T AS	429 River Lane, P.O. Box 27 Amasa, Michigan 49903	ANALYSIS TYPE REQUESTED (Attach list if neeeded)					NC, SNY	1/27 1/2		.×	×	×								Time: Comments/samp	Time:	-1
	–			ANA		d CC d	sienist	ıt Coi ح	nupei o	N IstoT	3	, ,	らく						 ****	 			4 A	
						Indicate if more than one page of COC records used		CONTAINERS / PRESERVATIVES		C{pet:									 	 		Date:	2000 000	
RD						indi	each f tal nun ntains l	ERVA			HOBN									 				
С Ш				世代		LO LO	ves for cate to ase co	PRES		HCI									 	 				MER
۲ R				WSS		*****	servati nd indi datab	RS /		EONH									 	 			1	USTC
CHAIN-OF-CUSTODY RECORD				CONTRACT / PO / PROJECT NAME / WSSN#	25	COUNTY OF LOCATION PAGE	Check off preservatives for each bottle upon arrival and indicate total number of these. WWA database contains bottle	IAINE		POS2H	×	X	~	7					 	 				PINK - CUSTOMER
UST				CTN	, ζ		Check upon a pottles.	CON		euoN	17		*						 	 			M	MId
С Ц				ROJE	2	NO		_		Cther:									 	 		by:	ار کھ	
ې ۲	SS			0 / P	1-	OCAT		SAMPLE MATRIX		lloS												Received by	Received by	7SI
IAII	DRE		NE	CT/F	50	OFL		LE M		.be2												Rec	Rec	AMPI
ΰ	EMAIL ADDRESS		TEL EPHONE	VITRA	MON	, ∠LNS		SAMP		noenpA		.*	\times	X		ļ			 	 		Time: 4:19	ð	CANARY - W/ SAMPLES
	EM	1	臣	8		<u>8</u>		_	d wster	Drinkin									 	 		Time:	Time.	ARY -
0	-			dIZ							10:16	0:0	S.S.	13:30								Date: &-5-71	Date:	CAN
196				STATE		ast pame) KR M MM, NCM			H V V		8-4-31	18-1-8	12-4-21	8-4-31										EPORT
Job # (WWA office use): $G[_{0}]$	1 TO	5				SAMPLER NAME (print first/last pare)	ATURE	0	SAMPLE ID AND LOCATION	be combined on one line.	Sinface	h	Sur/wc	Protein))							~		WHITE - RETURN W/ REPORT
‡ (WWA of	CLIENT NAME / BILL TO	3	ESS			BRAME (1	SAMPLER'S SIGNATURE		WPLE ID AND	be combined on one line.	LI W RILTA	UNN PINTA	OWNOWN,		0							Relinquished by:	Relinquished by:	WHITE -
tob∄)	ADDRESS	CITY	·····	SAMP	SAMP		SA SA			2C/W	3000	HUUN								(Reling	Reling	

÷

i

......

•