

December 4, 2013

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

**RE: Winter Hydroelectric Project
FERC Project Number P-2064
Flambeau Hydro LLC
Final Report 2013 Water Quality Monitoring Data**

Dear Ms. Bose:

On behalf of Flambeau Hydro LLC, "Flambeau" (Licensee), Renewable World Energies, LLC (RWE) is submitting a copy of the *Final Report 2013 Water Quality Monitoring Data* for the Winter Hydroelectric Project. The Federal Energy Regulatory Commission "FERC" issued a License to Flambeau on August 12, 2005. A revised Water Quality Certification was issued August 19, 2008. This report is submitted as a requirement of that License pursuant to License Article 401 Condition N, Appendix A. 2013 was the seventh year monitoring was conducted since the license was issued, but is the 2nd year of submittal by RWE on the behalf of the Licensee.

Monitoring was conducted on May 7, July 8, and August 5, 2013. The only issue encountered was some below standard D O measurements taken on the July 9th date. No other issues were encountered during the 2013 monitoring season. The draft report was sent to the agencies by letter dated October 23, 2013 for review and comment. Correspondence was received from WDNR on November 5, 2013 "*Looks o.k.*" and USFWS on November 18, 2013 "*The Forest has no comments on the draft report*". No comments were received from the USFWS. The next scheduled monitoring event will be conducted in 2014.

If you have any questions concerning this submittal, please contact Mr. Gary Rast at the Renewable World Energies, LLC offices @ 855-994-9376 Ext 105. He can also be reached by e-mail at grast@rwehydro.com.

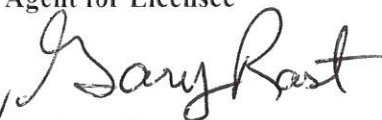
Corporate Office
P.O. Box 264
100 S. State Street
Neshkoro, WI 54960
Fax: 920-293-4100

Phone: 855-99HYDRO
(855-994-9376)
www.renewableworldenergies.com

Administrative Office
1001 Stephenson Street
Norway, MI 49870
Fax: 906-563-9344



Sincerely,
Renewable World Energies, LLC
Agent for Licensee


Mr. Jason Kreuzscher
Vice President, Operations

Attachment: Final Report 2013 Water Quality Monitoring Data – December 4, 2013

Cc: Mr. Paul Strong, USFS
Mr. Dale Higgins, USFS
Ms. Cheryl Laatsch, WDNR
Mr. Nick Utrup, USFWS
RWE, Corporate

Final Report

2013 Water Quality Monitoring Data

for the

Winter Hydroelectric Project
FERC Project #2064
Flambeau Hydro, LLC

East Fork of the Chippewa River, Sawyer County, Wisconsin

Respectfully Submitted by:

Renewable World Energies, LLC
100 State Street – P.O. Box 264
Neshkoro, Wisconsin 54960

Final – December 4, 2013

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Summary

2013 marked the seventh year of water quality sampling under the FERC License issued August 12, 2005 Per Article 401, Water Quality Certification Condition N, Appendix A for the Winter Hydroelectric Project – FERC Project # 2064 – Flambeau Hydro, LLC”.

In general, the weather (temperature and rainfall) during the 2013 monitoring season appeared cooler in April/May with higher than normal precipitation in the months of April/May/June. Temperatures in June/July/August were about 1to5 degrees higher than normal but precipitation was about 50% below normal for July/August. **(Refer to 2013 Monthly Temperature and Precipitation Table page 6)** No one test result stands out as out of the ordinary. Sampling and testing of the samples was coordinated with the sampling done at the Flambeau Projects (Upper, Lower, Pixley, Crowley). These projects are located on the North Fork of the Flambeau River, Price County, Wisconsin. Protocol, procedures, and sampling design followed that of the Flambeau Projects.

The definition for Ice-Out occurred on the East Fork of the Chippewa during the week beginning April 28, 2013. The Ice-Out sampling event occurred on May 7, 2013. River flow, based on Winter Hydroelectric Project records, was approximately 3162 cubic feet per second. Sampling occurred between 9:30 a.m. and 9:56 a.m. Samples were taken without incident. No unusual D.O. or Temperature readings were observed. Samples for laboratory analysis were delivered to Northern Lake Service, Inc in Crandon, WI on May 8, 2013. Northern Lake Service, Inc. issued a laboratory report on May 23, 2013. No unusual levels of Chlorophyll a, true color, or total phosphorus were noted in the laboratory reports.

The July sampling event occurred on July 8, 2013. River flow, based on Winter Hydroelectric Project records was approximately 80 cubic feet per second. Sampling occurred between 2:00 pm. and 2:15 pm. Samples were taken without incident. No unusual D.O. or Temperature readings were observed. However DO was in the low 5's throughout the sample column. Samples for laboratory analysis were delivered to Northern Lake Service, Inc in Crandon, WI on July 9, 2013. Northern Lake Service, Inc. issued a laboratory report on July 15, 2013. No unusual levels of chlorophyll a, true color, or phosphorus were noted in the laboratory reports.

River flow, based on Winter Hydroelectric Project records, was 55 cubic feet per second during the August 5, 2013 sampling event. Sampling occurred between 12:30 p.m. and 12:57 p.m. Samples were taken without incident. No unusual D.O. or Temperature readings were observed. Samples for laboratory analysis were delivered to Northern Lake Service, Inc. in Crandon, WI on August 6, 2013. Northern Lake Service, Inc issued a laboratory report on August 13, 2013. No unusual levels of Chlorophyll a, true color, or total phosphorus were noted in the laboratory reports.

A summary of a comparison between the 2011 thru 2013 **(Refer to 2013 Winter Project Sampling Comparison Table 2011-2013 page 7)** sampling results are as follows:

1. Water Clarity – Increased May/July and Decreased in August
2. Chlorophyll a – Decreased in May/August and Increased in July

3. Color – Remained About The Same
4. Total Phosphorus – Decreased in May/July and Increased in August
5. Overall D.O. – Decreased in May/August and Increased in July
6. Water Temperatures – Decreased in May/August and Increased slightly in July

Correspondence from the agencies during 2010 indicated they would prefer that notifications of incidents be by e-mail only and that telephone contacts are not needed. All other correspondence can be found on page 12, **Appendix D**. The next Water Quality Monitoring at the Winter Hydroelectric Project is scheduled for 2014 beginning with the Ice-Out sampling event.

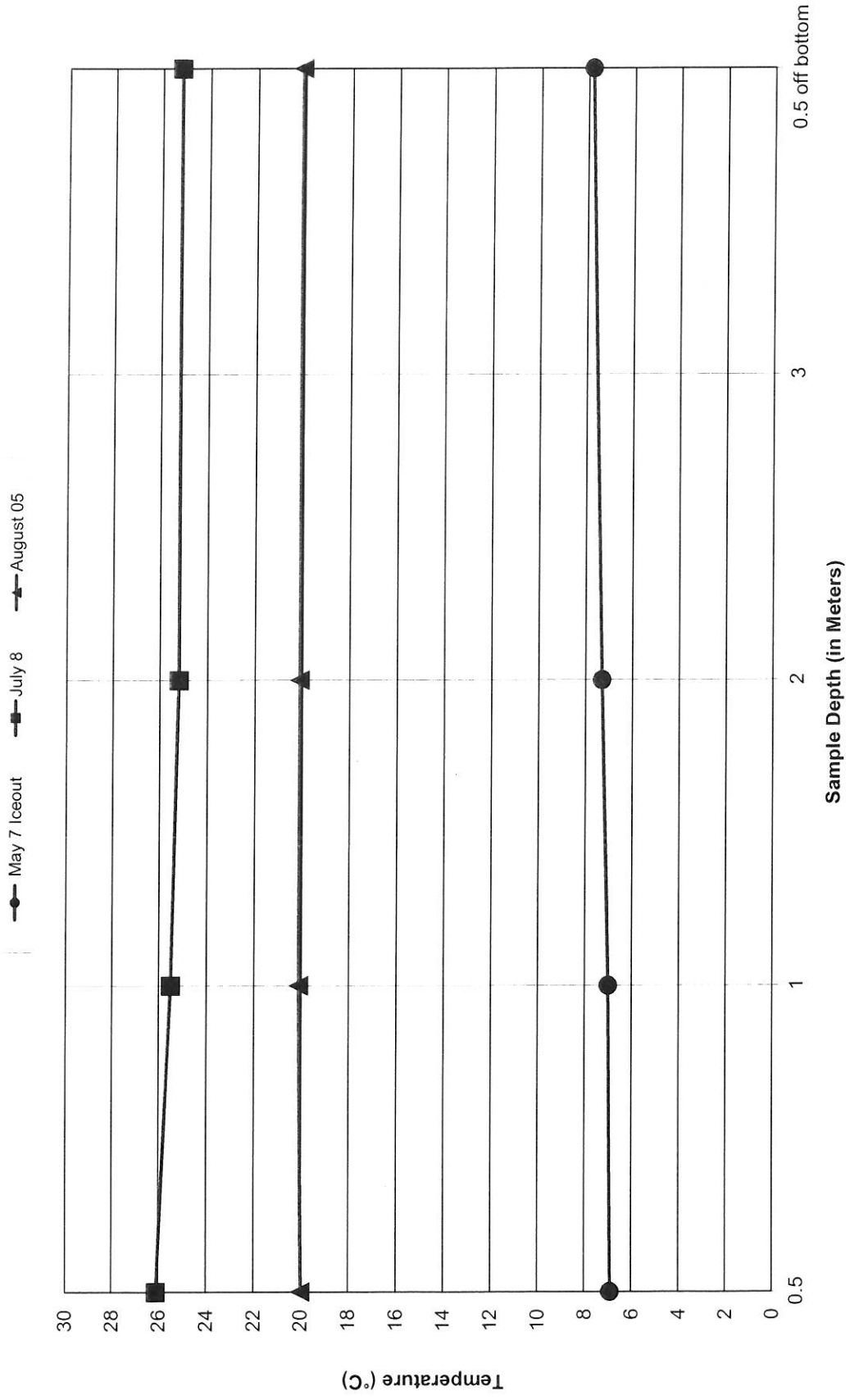
2013 Tabular Data

May 7, July 8, August 5

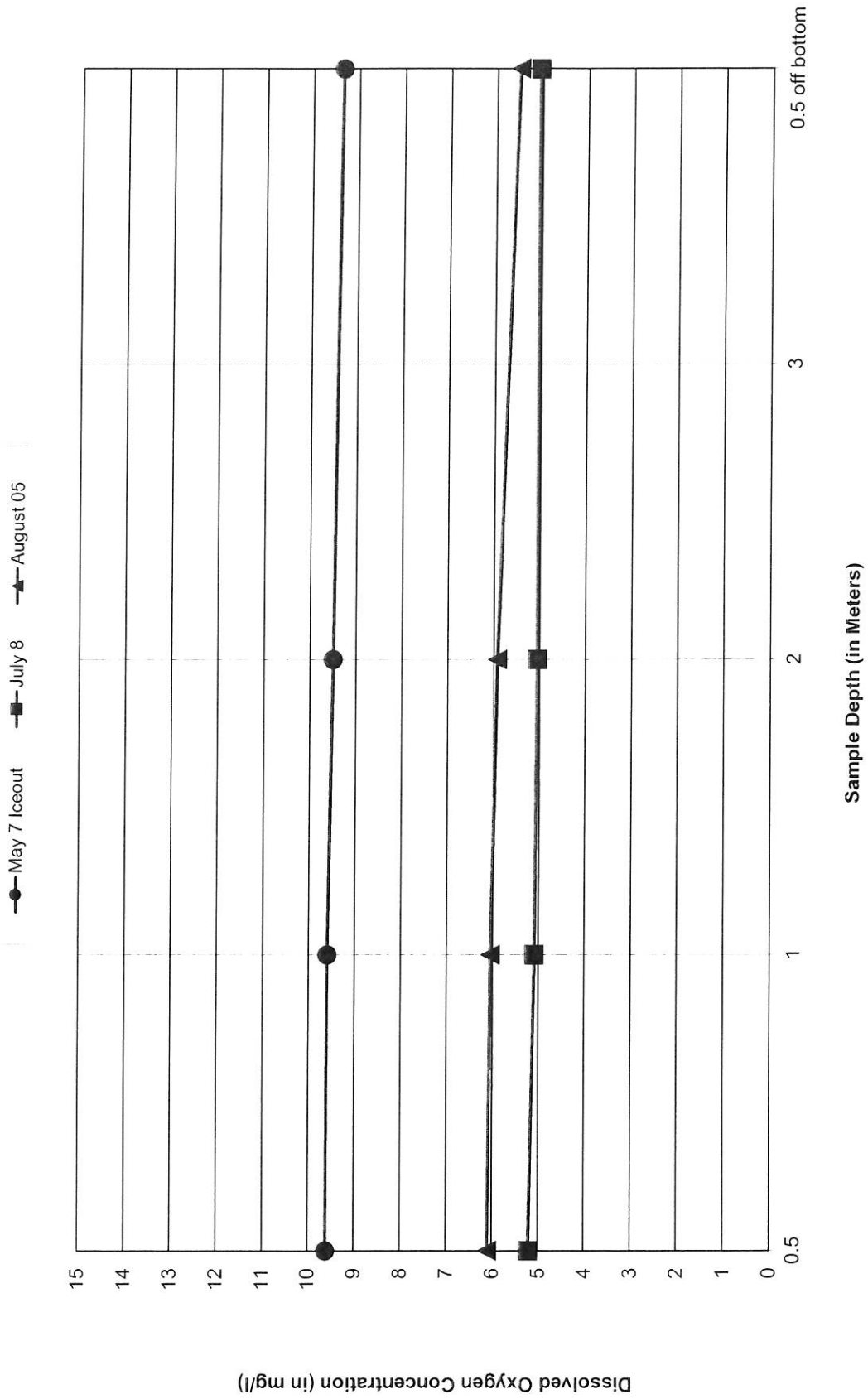
2013 Graphed Data

Temperature and Dissolved Oxygen

Winter Impoundment - FERC # 2064 2013 Temperature Samples



Winter Impoundment - FERC # 2064 2013 Dissolved Oxygen Samples



Monthly
Temperature and Precipitation
Table

2013 Water Year Monthly Temperature and Precipitation for Winter, Wisconsin

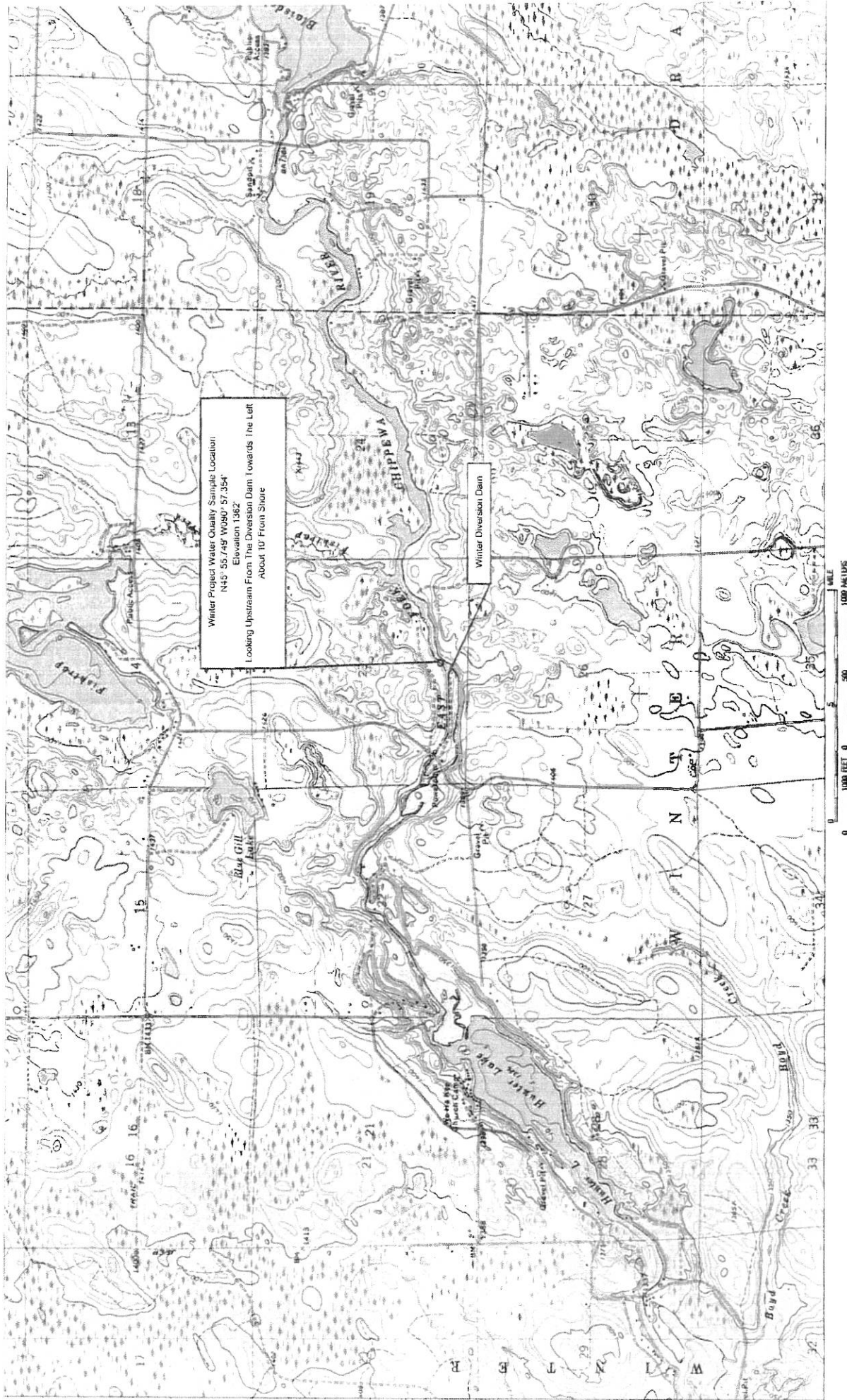
Month	Highest Temp.	Lowest Temp.	Average Temp.	Departure From Normal	Heating Degree Days	Normal Degree Days	Total Precip.	Total Snowfall	Normal Precip.	% of Normal Precipitation
October-12	74	22	42.5	-0.7	691	678	1.34	1.1	2.85	47%
November-12	53	0	30.9	2.1	1015	1088	1.33	10.1	2.09	64%
December-12	48	-7	18.4	3.6	1438	1556	1.44	13.2	1.21	119%
January-13	42	-21	12.1	1.9	1631	1691	1.39	9.2	0.96	145%
February-13	38	-22	14.6	-0.5	1405	1399	1.16	19.1	0.81	70%
March-13	53	-13	21.8	-4.1	1333	1200	2.04	25.8	1.49	137%
April-13	68	8	34.4	-5.2	908	762	5.04	50.8	2.43	207%
May-13	80	27	49.5	-1.9	471	426	3.71	Trace	3.23	115%
June-13	87	37	61.6	1.5	146	179	4.54	0.0	4.23	107%
July-13	94	47	67.8	2.0	47	63	1.73	0.0	3.85	45%
August-13	94	43	69.0	4.7	27	86	1.98	0.0	3.70	54%
September-13	88	37	59.9	4.3	168	298	1.26	0.0	4.11	31%

Source: NOAA/Duluth,
MN

**2013
Winter
Sampling Comparison Table
2011—2013**

Winter									
Project Sampling Comparison Table									
2011 Thru Current Year									
Year	Month	Secchi Depth (m)	Chlorophyll a ug/l	Color (True) C.P.U. Units	Total Phosphorus Below Surface mg/l	Low D.O. mg/l	High D.O. mg/l	Low Water Temp. °C	High Water Temp. °C
2011	April	1.00	0.00	150.00	0.028	11.85	12.10	8.10	8.60
2012	April	0.50	2.30	250.00	0.048	10.55	10.73	9.90	10.60
2013	May	1.20	1.90	250.00	0.036	9.34	9.61	6.90	7.80
Minimum	April/May	0.50	0.00	150.00	0.028	9.34	9.61	6.90	7.80
Maximum	April/May	1.20	2.30	250.00	0.048	11.85	12.10	9.90	10.60
Average	April/May	0.90	1.40	216.67	0.037	10.58	10.81	8.30	9.00
2011	July	0.80	4.30	250.00	0.055	5.84	6.44	26.10	27.70
2012	July	0.60	1.80	400.00	0.082	4.67	4.75	25.50	25.90
2013	July	0.80	1.90	400.00	0.064	5.05	5.21	25.20	26.10
Minimum	July	0.60	1.80	250.00	0.055	4.67	4.75	25.20	25.90
Maximum	July	0.80	4.30	400.00	0.082	5.84	6.44	26.10	27.70
Average	July	0.73	2.67	350.00	0.067	5.19	5.47	25.60	26.57
2011	August	0.70	3.70	250.00	0.055	7.25	7.27	24.70	25.10
2012	August	1.10	3.00	200.00	0.047	7.27	7.55	23.40	25.10
2013	August	0.90	2.00	200.00	0.120	5.49	6.10	20.00	20.10
Minimum	August	0.70	2.00	200.00	0.047	5.49	6.10	20.00	20.10
Maximum	August	1.10	3.70	250.00	0.120	7.27	7.55	24.70	25.10
Average	August	0.90	2.90	216.67	0.074	6.67	6.97	22.70	23.43

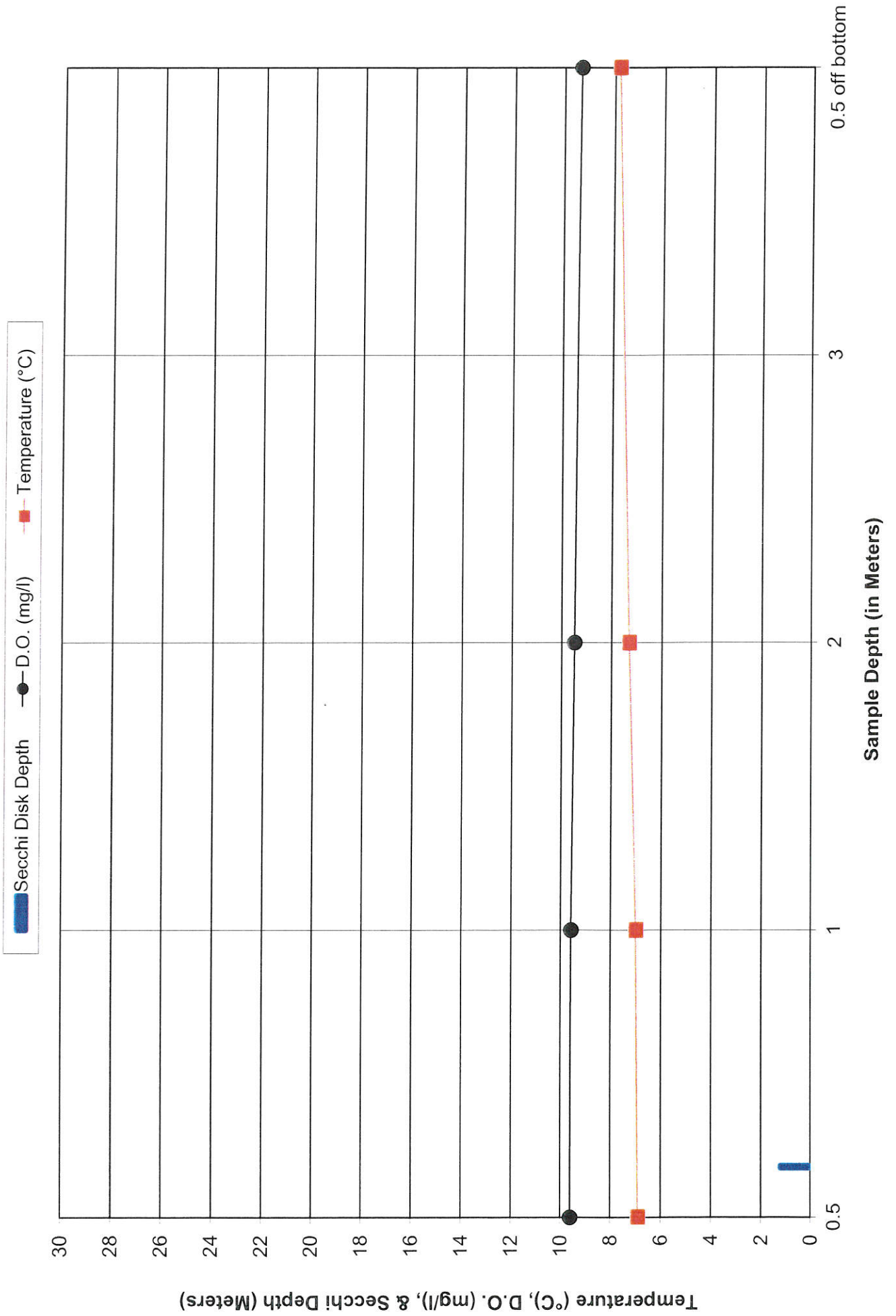
**Winter Impoundment
Sampling Location
Map**



Appendix A

May 7, 2013 Sampling Documents (Ice-Out)

Winter Impoundment - FERC # 2064 May 7, 2013 Iceout Sampling Event



ANALYTICAL REPORT

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034
 Printed: 05/23/13 Code: NNNN-S Page 1 of 1
 NLS Project: 196566
 NLS Customer: 102823
 Phone: 855 994 9376

Client: Renewable World Energies
Attn: Gary Rast
 100 State Street
 P.O. Box 264
 Neshkoro, WI 54960

Project:	Winter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
20130705 1A	NLS ID: 717969	see attached					05/21/13	10200-H	721026460
COC: 153590:1 Matrix: SW									
Collected: 05/07/13 09:45 Received: 05/08/13									
Parameter	Chlorophyll, all species								
Lab filtration for Chlorophyll									
20130705 1B	NLS ID: 717970	yes					05/09/13	NA	721026460
COC: 153590:2 Matrix: SW									
Collected: 05/07/13 09:47 Received: 05/08/13									
Parameter	Color, APHA (true)								
20130705 1C	NLS ID: 717971	250	C.P.U.	5	25*		05/08/13	SM 2120-B 20ed	721026460
COC: 153590:3 Matrix: SW									
Collected: 05/07/13 09:49 Received: 05/08/13									
Parameter	Phosphorus, tot. as P								

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected (< LOD) 1000 ug/L = 1 mg/L
 DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000
 MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by: *[Signature]*
 Authorized by:
 R. T. Krueger
 President



MAY 28 2013

Northern Lake Service, Inc.
Chlorophyll Results

Customer: Renewable World Energies
Project: 196566
Winter

Sample	Description	CC a	Pheo a	TC a	TC b	TC c
717969	20130705 1A	1.7	0.28	1.9	0.28	0.44

CC a = Corrected Chlorophyll a
Pheo a = Pheophytin a
TC a = Trichromatic Chlorophyll a
TC b = Trichromatic Chlorophyll b
TC c = Trichromatic Chlorophyll c
Units = ug/L for Water, ug/cm² for periphyton samplers

*: The complex calculations used to differentiate the various chlorophyll species magnify error at low concentrations and sometimes produce negative values, which are reported as 0.0 on this report.

Appendix B

July 8, 2013 Sampling Documents

IMPOUNDMENT SAMPLING LOG

2013 Water Quality Study - Winter Hydroelectric Project - FERC #2064

HWL - 1370.18

Date: 7-8-13

Pre-Sampling Data: TWL - 1344.7 30 CFS

Time: 2:00 Barometer: 29.99 Air Temp: 27 °C Wind Speed calm

Sky Conditions: partly cloudy humid

Precipitation within Last 24 Hours: YES

D.O. Meter Calibration: Instrument Model Used: Hach HQ40d

Were The Batteries Changed? Yes No If Yes, When Changed: _____

Battery Status: 75% Charge

Calibration Time: APRIL 2013 Method: _____ Factory _____

Sampling Depth Profile: Measured Depth to Bottom of the Impoundment: 3.2 Meter

Secchi Disk Depth: (E0.1 Meter) .8 Meter Time: 2:15

Chlorophyll a (1 Meter Below Surface)

Lab Sample I.D.#: <u>070820131A</u>		
Time	Quantity (ml)	Filtered
<u>2:10</u>	<u>1000</u>	<u>NO</u>

True Color (1 Meter Below Surface)

Lab Sample I.D.#: <u>070820131B</u>	
Time	Quantity (ml)
<u>2:12</u>	<u>250</u>

D.O. Sample Data

Depth	Time	D.O. (mg/l)	°C
.5 Mtr Below Surface	<u>2:05</u>	<u>5.21</u>	<u>26.1</u>
1 Meter	<u>2:06</u>	<u>5.09</u>	<u>25.5</u>
2 Meter	<u>2:07</u>	<u>5.05</u>	<u>25.2</u>
3 Meter			
4 Meter			
5 Meter			
6 Meter			
7 Meter			
8 Meter			
.5 Mtr Above Bottom	<u>2:08</u>	<u>5.05</u>	<u>25.2</u>

Phosphorus

Lab Sample I.D.#: <u>070820131C</u>	
(1 Meter Below Surface)	
Time	Preserved?
<u>2:13</u>	<u>H2SO4</u>

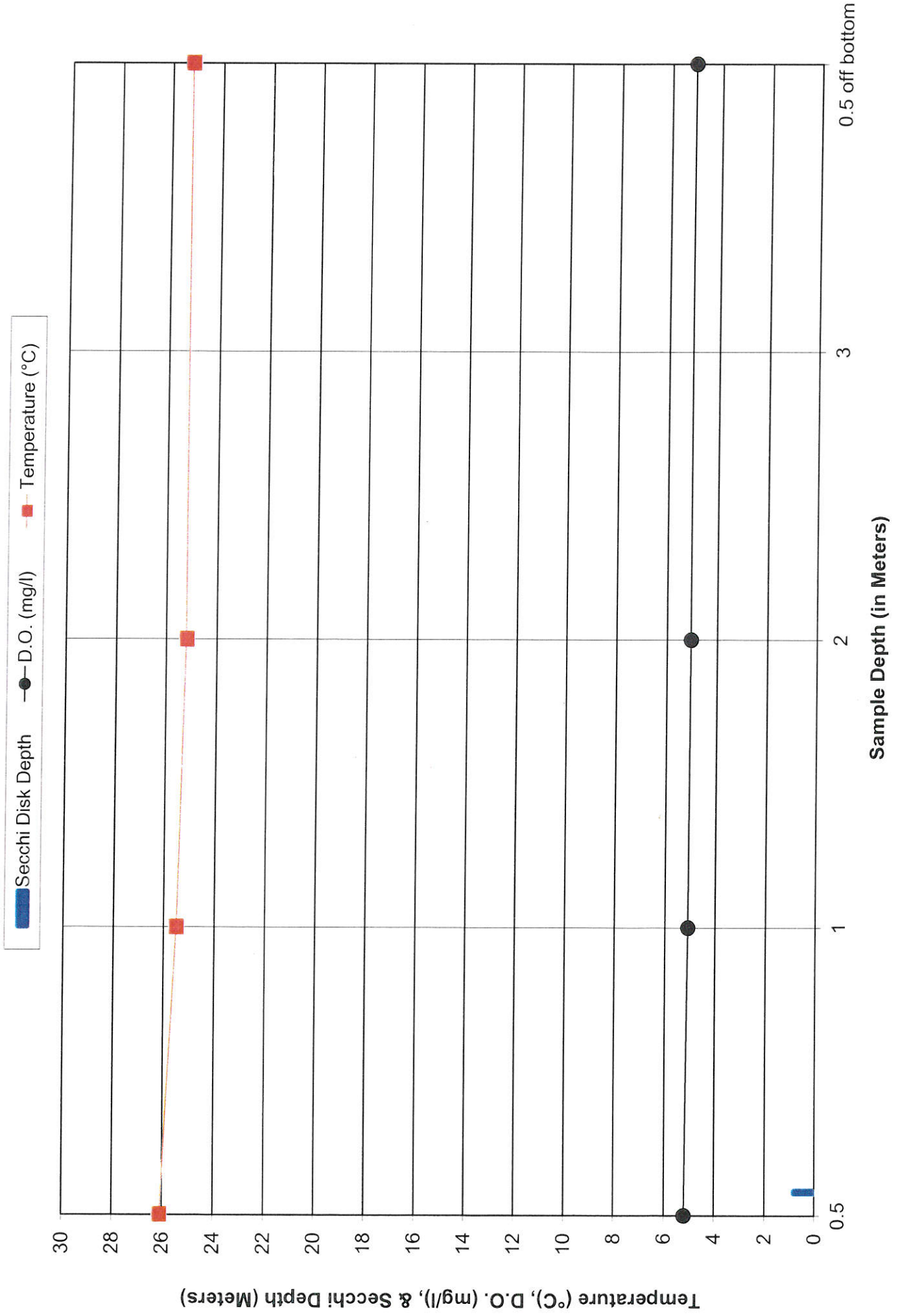
Lab Sample I.D.#: <u>N/A</u>	
(1 Meter Above Bottom)	
Time	Preserved?
<u>N/A</u>	<u>N/A</u>

Sample Location: N45° 55.749' W90° 57.354'

Comments: _____

Performed By: ANITA R + GARY R

Winter Impoundment - FERC # 2064 July 8, 2013 Sampling Event



ANALYTICAL REPORT

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

Client: Renewable World Energies
 Attn: Gary Rast
 100 State Street
 P.O. Box 264
 Neshkoro, WI 54960

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. W100034

Printed: 07/15/13 Code: NNNN-S Page 1 of 1
 NLS Project: 200168
 NLS Customer: 102823
 Phone: 855 994 9376



Project	Winter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
07082013 1A	NLS ID: 729503								
COC: 162643:1 Matrix: SW									
Collected: 07/08/13 14:10 Received: 07/09/13									
Parameter	Chlorophyll, all species								
Lab filtration for Chlorophyll									
07082013 1B	NLS ID: 729504								
COC: 162643:2 Matrix: SW									
Collected: 07/08/13 14:12 Received: 07/09/13									
Parameter	Color, APHA (true)								
07082013 1C	NLS ID: 729505								
COC: 162643:3 Matrix: SW									
Collected: 07/08/13 14:13 Received: 07/09/13									
Parameter	Phosphorus, tot. as P								

Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
see attached yes					07/12/13 07/10/13	10200-H NA	721026460 721026460
400	C.P.U.	10	50*		07/09/13	SM 2120-B 20ed	721026460
0.064	mg/L	1	0.0070*		07/11/13	SM 4500P-E 20ed	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection
 DWB = Dry Weight Basis
 MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL

LOQ = Limit of Quantitation
 ND = Not Detected (< LOD)
 NA = Not Applicable
 %DWB = (mg/kg DWB) / 10000
 1000 ug/L = 1 mg/L

Reviewed by:

Authorized by:
 R. T. Krueger
 President

Northern Lake Service, Inc.
Chlorophyll Results

Customer: Renewable World Energies
Project: 200168
Winter

Sample	Description	CC a	Pheo a	TC a	TC b	TC c
729503	07082013 1A	1.5	0.51	1.9	0.092	0.22

CC a = Corrected Chlorophyll a
Pheo a = Pheophytin a
TC a = Trichromatic Chlorophyll a
TC b = Trichromatic Chlorophyll b
TC c = Trichromatic Chlorophyll c
Units = ug/L for Water, ug/cm² for periphyton samplers

*: The complex calculations used to differentiate the various chlorophyll species magnify error at low concentrations and sometimes produce negative values, which are reported as 0.0 on this report.

Appendix C

August 5, 2013 Sampling Documents

IMPOUNDMENT SAMPLING LOG

2013 Water Quality Study - Winter Hydroelectric Project - FERC #2064

Pre-Sampling Data: HWL - 1370.28 Date: 8/5/13
TWL - 1344.40 CFS - 55
 Time: 12:30 Barometer: 29.89 Air Temp: 17 °C Wind Speed U 3 MPH
 Sky Conditions: OVERCAST - LIGHT RAIN OR MIST

Precipitation within Last 24 Hours: YES

D.O. Meter Calibration: Instrument Model Used: Hach HQ40d
 Were The Batterys Changed? Yes No If Yes, When Changed: _____

Battery Status: 100% Charge

Calibration Time: APRIL 2013 Method: Factory

Sampling Depth Profile: Measured Depth to Bottom of the Impoundment: 3.3 Meter

Secchi Disk Depth: (E0.1 Meter) .9 Meter Time: 12:45

Chlorophyll a (1 Meter Below Surface)

Lab Sample I.D.#: <u>08052013-1A</u>		
Time	Quantity (ml)	Filtered
<u>12:35</u>	<u>1000</u>	<u>NO</u>

True Color (1 Meter Below Surface)

Lab Sample I.D.#: <u>08052013-1B</u>	
Time	Quantity (ml)
<u>12:40</u>	<u>250</u>

D.O. Sample Data

Depth	Time	D.O. (mg/l)	°C
5 Mtr Below Surface	<u>12:49</u>	<u>6.10</u>	<u>20.0</u>
1 Meter	<u>12:50</u>	<u>6.05</u>	<u>20.1</u>
2 Meter	<u>12:52</u>	<u>5.92</u>	<u>20.1</u>
3 Meter	 	 	
4 Meter	 	 	
5 Meter	 	 	
6 Meter	 	 	
7 Meter	 	 	
8 Meter	 	 	
.5 Mtr Above Bottom	<u>12:57</u>	<u>5.49</u>	<u>20.1</u>

Phosphorus

Lab Sample I.D.#: <u>08052013-1C</u>	
(1 Meter Below Surface)	
Time	Preserved?
<u>12:42</u>	<u>12504</u>

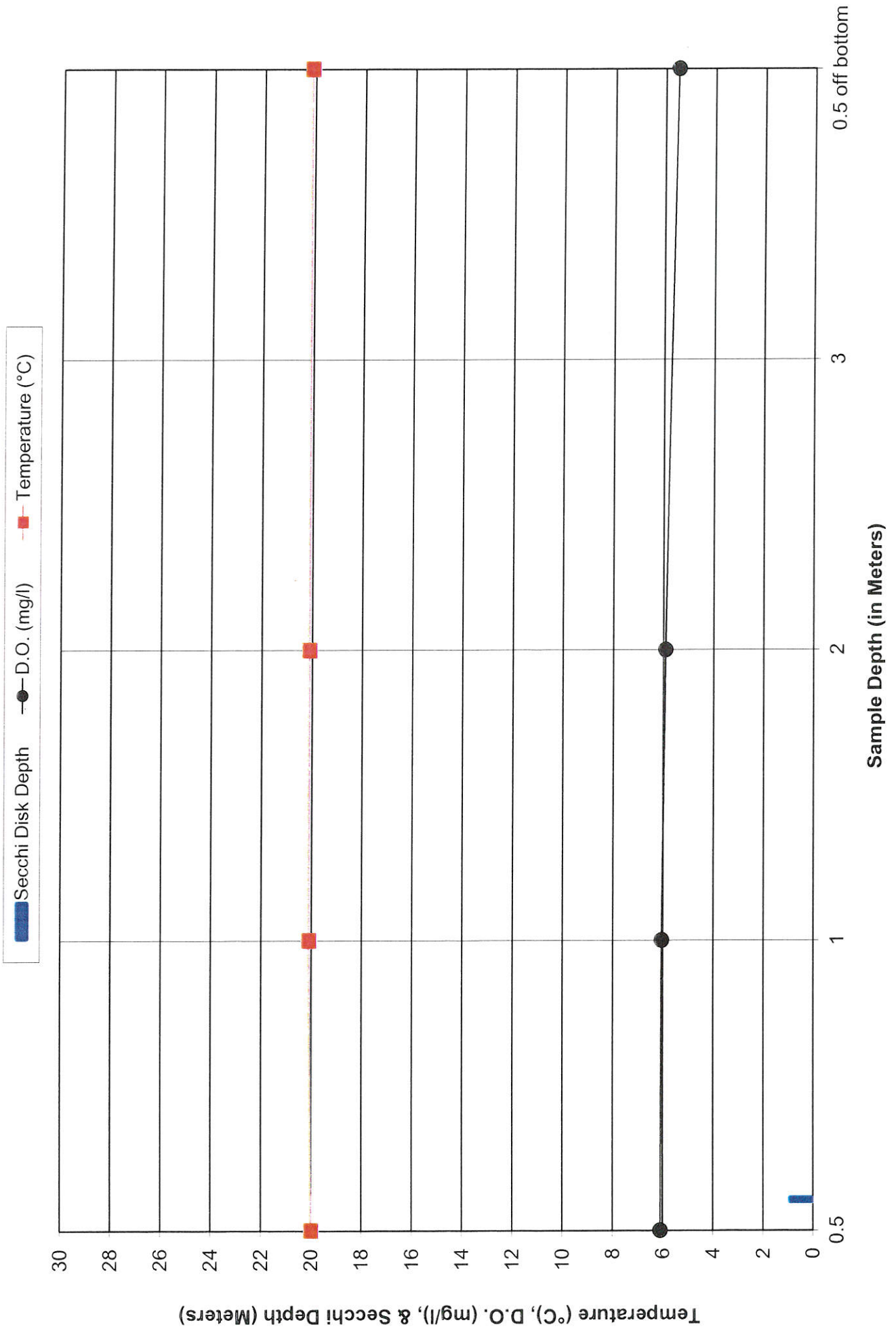
Lab Sample I.D.#: _____	
(1 Meter Above Bottom)	
Time	Preserved?
 	

Sample Location: N45° 55.749' W90° 57.354'

Comments: _____

Performed By: CARY RAST & JIM TESCH [Signature]

Winter Impoundment - FERC # 2064 August 05, 2013 Sampling Event



NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

Client: Renewable World Energies
Attn: Gary Rast
100 State Street
P.O. Box 264
Neshkoro, WI 54960

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Printed: 08/13/13 Code: NNNN-S Page 1 of 1
NLS Project: 201977
NLS Customer: 102823
Phone: 855 994 9376



Project	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
08052013-1A NLS ID: 735188 COC: 151381:1 Matrix: SW Collected: 08/05/13 12:35 Received: 08/06/13	see attached yes				08/12/13 08/05/13	10200-H NA	721026460 721026460
08052013-1B NLS ID: 735189 COC: 151381:2 Matrix: SW Collected: 08/05/13 12:40 Received: 08/06/13			25*		08/05/13	SM 2120-B 20ed	721026460
08052013-1C NLS ID: 735190 COC: 151381:3 Matrix: SW Collected: 08/05/13 12:42 Received: 08/06/13			0.0070*		08/07/13	SM 4500P-E 20ed	721026460

Parameter Chlorophyll, all species
Lab filtration for Chlorophyll

Parameter Color, APHA (true)

Parameter Phosphorus tot. as P

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

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MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL

ND = Not Detected (< LOD)
%DWB = (mg/kg DWB) / 10000
1000 ug/L = 1 mg/L

Reviewed by:

Authorized by:
R. T. Krueger
President

Northern Lake Service, Inc.
Chlorophyll Results

Customer: Renewable World Energies
Project: 201977
Winter

<u>Sample</u>	<u>Description</u>	<u>CC a</u>	<u>Pheo a</u>	<u>TC a</u>	<u>TC b</u>	<u>TC c</u>
735188	08052013-1A	1.8	0.26	2	0.0*	0.082

CC a = Corrected Chlorophyll a
Pheo a = Pheophytin a
TC a = Trichromatic Chlorophyll a
TC b = Trichromatic Chlorophyll b
TC c = Trichromatic Chlorophyll c
Units = ug/L for Water, ug/cm³ for periphyton samplers

*: The complex calculations used to differentiate the various chlorophyll species magnify error at low concentrations and sometimes produce negative values, which are reported as 0.0 on this report.

Appendix D

Agency Correspondence

Gary Rast

 **COPY**

From: Reinecke, Sue -FS <sreinecke@fs.fed.us>
Sent: Monday, November 18, 2013 7:59 AM
To: Gary Rast
Subject: RE: WNTR 2064 Draft 13 WQ

Hi Gary, the Forest has no comments on the draft report.

Thanks
sue

Sue Reinecke, Forest Fisheries Biologist
Chequamegon-Nicolet NF
1170 4th Ave South
Park Falls, WI 54552
715-762-5185
sreinecke@fs.fed.us

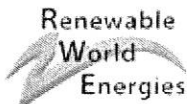
From: Gary Rast [<mailto:grast@rwehydro.com>]
Sent: Wednesday, October 23, 2013 9:25 AM
To: Laatsch, Cheryl - DNR (Cheryl.Laatsch@Wisconsin.gov); Nick Utrup (nick_utrup@fws.gov); Strong, Paul -FS
Cc: Reinecke, Sue -FS; Higgins, Dale -FS; Aneta Rietveld
Subject: WNTR 2064 Draft 13 WQ

Cheryl, Nick, & Paul

Attached is your copy of the 2013 Draft WQ Report including submittal letter for the Winter Hydroelectric Project in electronic form as requested.


Gary

Gary Rast
Regulatory/Compliance Manager



Renewable World Energies, LLC
100 S. State Street
P.O. Box 264
Neshkoro, WI 54960
Phone: 855-994-9376 Ext. 105
Fax: 920-293-4100

Gary Rast

 COPY

From: Laatsch, Cheryl - DNR <Cheryl.Laatsch@wisconsin.gov>
Sent: Tuesday, November 05, 2013 11:34 AM
To: Gary Rast; Aneta Rietveld
Subject: FW: WNTR 2064 Draft 13 WQ

See comments below. Thanks

Cheryl Laatsch
Statewide FERC Coordinator
Wisconsin Dept of Natural Resources
N7725 Hwy 28
Horicon WI 53032
(T) 920-387-7869 (Fax) 920-387-7888
Cheryl.laatsch@wisconsin.gov

From: Roesler, Craig P - DNR
Sent: Monday, November 04, 2013 10:44 AM
To: Laatsch, Cheryl - DNR
Subject: RE: WNTR 2064 Draft 13 WQ

Looks o.k.

From: Laatsch, Cheryl - DNR
Sent: Thursday, October 24, 2013 9:06 AM
To: Scheirer, Jeffrey W - DNR; Roesler, Craig P - DNR
Cc: Hagen, Cherie L - DNR; Aartila, Tom P - DNR
Subject: FW: WNTR 2064 Draft 13 WQ

Hi guys – Here is the draft report for Winter. Please review and provide me with comments by Nov 5th. Thanks

Cheryl Laatsch
Statewide FERC Coordinator
Wisconsin Dept of Natural Resources
N7725 Hwy 28
Horicon WI 53032
(T) 920-387-7869 (Fax) 920-387-7888
Cheryl.laatsch@wisconsin.gov

From: Gary Rast [<mailto:grast@rwehydro.com>]
Sent: Wednesday, October 23, 2013 9:25 AM
To: Laatsch, Cheryl - DNR; Nick Utrup (nick_utrup@fws.gov); pstrong@fs.fed.us

Cc: Reinecke, Sue -FS; Higgins, Dale -FS (dhiggins@fs.fed.us); Aneta Rietveld
Subject: WNTR 2064 Draft 13 WQ

Cheryl, Nick, & Paul

Attached is your copy of the 2013 Draft WQ Report including submittal letter for the Winter Hydroelectric Project in electronic form as requested.


Gary

Gary Rast
Regulatory/Compliance Manager



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Gary Rast

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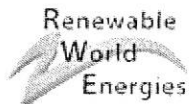
From: Gary Rast
Sent: Wednesday, October 23, 2013 9:24 AM
To: Laatsch, Cheryl - DNR (Cheryl.Laatsch@Wisconsin.gov); Nick Utrup (nick_utrup@fws.gov); 'pstrong@fs.fed.us'
Cc: 'Reinecke, Sue -FS'; Higgins, Dale -FS (dhiggins@fs.fed.us); Aneta Rietveld
Subject: WNTR 2064 Draft 13 WQ
Attachments: 13-10-23 GGR WNTR INVITE AG COM 13 WQ.pdf

Cheryl, Nick, & Paul

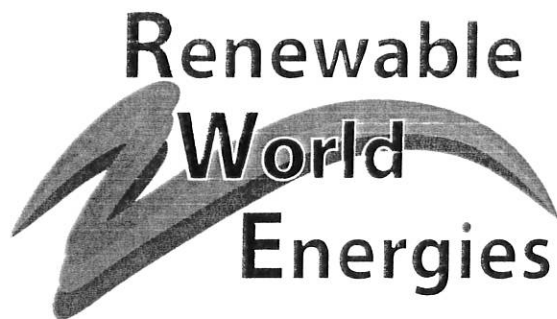
Attached is your copy of the 2013 Draft WQ Report including submittal letter for the Winter Hydroelectric Project in electronic form as requested.


Gary

Gary Rast
Regulatory/Compliance Manager



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 COPY

October 23, 2013

Mr. Nick Utrup
Fish and Wildlife Biologist
U.S. Fish and Wildlife Service
2661 Scott Tower Drive
New Franken, WI 54229

Ms. Cheryl Laatsch
Statewide FERC Coordinator
Wisconsin Dept. of Natural Resources
N7725 HWY 28
Horicon, WI 53032

Mr. Paul Strong, Forest Supervisor
USDA Forest Service Chequamegon, Nicolet NF
Forest Headquarters Offices
500 Hanson Lake R
Rhineland, WI 54501

Re: **Winter Hydroelectric Project**
FERC Project Number P-2064
Flambeau Hydro LLC
Draft Report 2013 Water Quality Monitoring Data

Dear Agency:

Purpose

On behalf of Flambeau Hydro LLC "Flambeau" (Licensee), Renewable World Energies, LLC is submitting a copy of the Draft Report 2013 Water Quality Monitoring Data for the Winter Hydroelectric Project for review and comment. Nothing out of the ordinary was experienced during the 2013 monitoring season except as noted in the report.

Background

The Federal Energy Regulatory Commission "FERC" issued a License to Flambeau on August 12, 2005. Portions of the original Certification were contested by the Licensee. The Wisconsin Department of Natural Resources (WDNR) submitted a revised Water Quality Certification, Dated at Park Falls, WI: August 19, 2008 that replaced the original certification of June 21, 2005. Only conditions E, F, and J were modified and a footnote was added to condition D according to the Final Settlement Agreement. The submitted report is a requirement of the License pursuant to Article 401 Condition N, Appendix A. 2013 marked the seventh year of water quality sampling under the FERC License issued August 12, 2005.

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P.O. Box 264
100 S. State Street
Neshkoro, WI 54960
Fax: 920-293-4100

Phone: 855-99HYDRO
(855-994-9376)
www.renewableworldenergies.com

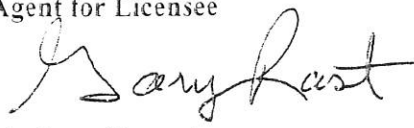
Administrative Office
1001 Stephenson Street
Norway, MI 49870
Fax: 906-563-9344



Conclusion

The Federal Energy Regulatory Commission's regulations allow for a 30 day formal review and comment period. Thank you in advance for providing your responses in a timely manner so we can include your comments and recommendations, as appropriate, into our report. If you have any questions concerning the report, please contact Mr. Gary Rast at the Renewable World Energies, LLC offices @ 855-994-9376 ext. 105, or by email at: grast@rwehydro.com.

Sincerely,
Renewable World Energies, LLC
Agent for Licensee

For 
Mr. Jason Kreuzscher
Vice President, Operations

Attachment: Draft Report 2013 Water Quality Monitoring Data – October 23, 2013

Cc: RWE, Corporate
Mr. Dale Higgins, FS
Ms. Sue Reinecke, FS

Document Content(s)

13-12-04 GGR WNTR 2013 WQ DATA TO FERC.PDF.....1-39