



Department of Health and Human Services Health and Environmental Testing Laboratory

221 State Street

#12 State House Station

Augusta, ME 04333-0012

Phone: (207)287-2727 Fax: (207)287-6832

TTY: 1-800-606-0215 EPA ID: ME00002

CAROLINE KLEINSCHMIDT
GREEN LAKE WATER POWER COMPANY
120 HATCHERY WAY
ELLSWORTH ME 04605-3501

Logged: 6/18/2020 2:12:12PM

Folder #: 2007496

Office Use Only: Line Item MGLWPC

Private

Released: 7/1/2020

No. of Samples in Folder:(2)

2007496-01 2007496-02

CERTIFICATION

The HETL hereby certifies that all test results for this sample were analyzed by the method listed, including preservation, preparation, and holding times, unless otherwise indicated.

Kenneth G. Pote, PhD., Director

Richard French, Quality Assurance Officer

If we can be of further assistance to you, please call us at 287-1716.

Approved by:

Christopher Montagna

Continued from Previous Page

Lab Sample#: 2007496-01			Sampl	e Address	5:				
Sample Matrix: NP-H20			Sampl	e Point:			Surface:		
Description: GL CORE 1			Sampl	e Date:	06/1	17/2020	Sample Time:	16:20:00	
Test (Method)/Analyte	Result	<u>Unit</u>	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
ALK_TITR (2320 B)									
Alkalinity, Total	4	mg/L			1			06/20/2020	J.N.
CHLOROPHYLA (10200 H)									
Chlorophyll A	0.002	mg/L			0.001			06/23/2020 07:32:00	C.A.
Color (L-10-308-00-1-A)	16	PCU	J	50	5			06/19/2020 08:48:04	C.H.
pH (4500-H+B)	6.9	рН		14		14	1	06/19/2020 17:01:00	C.A.
Phosphorus, Total (L-10-115-01-1-F)	17	ug/L			2			06/23/2020 09:46:20	M.C.

Color result is approximate due to sample being received in a non-amber bottle.

Attached By M.C.

Date 06/22/2020

Time 08:52:23

Lab Sample#: 2007496-02			Sampl	e Address	:				
Sample Matrix: NP-H20			Sampl	e Point:			Surface:		
Description: GL CORE 2			Sampl	e Date:	06/1	7/2020	Sample Time:	18:10:00	
Test (Method)/Analyte	Result	<u>Unit</u>	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
ALK_TITR (2320 B)									
Alkalinity, Total	4	mg/L			1			06/20/2020	J.N.
CHLOROPHYLA (10200 H)									
Chlorophyll A	0.002	mg/L			0.001			06/23/2020 07:32:00	C.A.
Color (L-10-308-00-1-A)	18	PCU	J	50	5			06/19/2020 08:52:00	C.H.
рН (4500-Н+В)	6.9	pН		14		14	1	06/19/2020 17:01:00	C.A.
Phosphorus, Total (L-10-115-01-1-F)	5	ug/L			2			06/23/2020 09:47:28	M.C.

Color result is approximate due to sample being received in a non-amber bottle.

Attached By M.C.

Date 06/22/2020

Time 08:52:30





Department of Health and Human Services Health and Environmental Testing Laboratory

221 State Street

#12 State House Station

Augusta, ME 04333-0012

Phone: (207)287-2727 Fax: (207)287-6832

TTY: 1-800-606-0215

EPA ID: ME00002

Logged: 7/1/2020 1:42:58PM

Folder #: 2007494

Office Use Only: Line Item MGLWPC Private

Released: 7/9/2020

GREEN LAKE WATER POWER COMPANY 120 HATCHERY WAY ELLSWORTH ME 04605-3501

KLEINSCHMIDT, CAROLINE

Project Name: GLWP

No. of Samples in Folder:(2)

2007494-01 2007494-02

CERTIFICATION

The HETL hereby certifies that all test results for this sample were analyzed by the method listed, including preservation, preparation, and holding times, unless otherwise indicated.

Kenneth G. Pote, PhD., Director

Richard French, Quality Assurance Officer

If we can be of further assistance to you, please call us at 287-1716.

Approved by:

Christopher Montagna

Inorganics Supervisor/Chemist III

Charter Fontagna

Continued from Previous Page

Lab Sample#: 2007494-01			Sampl	e Address	:				
Sample Matrix: NP-H20			Sampl	e Point:			Surface:		
Description: GL CORE 1			Sampl	e Date:	06/3	0/2020	Sample Time:	16:21:00	
Test (Method)/Analyte	Result	<u>Unit</u>	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
ALK_TITR (2320 B)									
Alkalinity, Total	4	mg/L			1			07/06/2020	J.N.
Chlorophyll A (10200 H)	0.002	mg/L			0.001			07/06/2020 13:10:00	C.A.
Color (L-10-308-00-1-A)	15	PCU	J	50	5			07/02/2020 07:38:33	C.H.
рН (4500-Н+В)	7.1	pН		14		14	1	07/02/2020 16:00:00	C.A.
Phosphorus, Total (L-10-115-01-1-F)	11	ug/L			2		_	07/07/2020 09:53:52	M.C.

Color result is approximate due to sample being received in a non-amber bottle.

Attached By C.H.

Date 07/02/2020

Time 14:32:19

Lab Sample#: 2007494-02 Sample Matrix: NP-H20				e Address	5:				
Description: GL CORE 2				e Point: e Date:	06/3	0/2020	Surface: Sample Time:	17:59:00	
Test (Method)/Analyte ALK_TITR (2320 B)	Result	<u>Unit</u>	Qualifiers	MCL	<u>RL</u>	High Limit	Low Limit	Analysis Date	Analyst
Alkalinity, Total Chlorophyll A (10200 H) Color (L-10-308-00-1-A)	4 0.002 15	mg/L mg/L PCU		E0.	1 0.001			07/06/2020 07/06/2020 13:10:00	J.N. C.A.
pH (4500-H+B) Phosphorus, Total (L-10-115-01-1-F)	7.0 5	pH ug/L	J	50 14	2	14	1	07/02/2020 07:41:19 07/02/2020 16:00:00 07/07/2020 09:55:01	C.H. C.A. M.C.

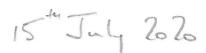
Color result is approximate due to sample being received in a non-amber bottle.

Attached By C.H.

Date 07/02/2020

Time 14:32:28





Department of Health and Human Services Health and Environmental Testing Laboratory

221 State Street

#12 State House Station

Augusta, ME 04333-0012

Phone: (207)287-2727 Fax: (207)287-6832

TTY: 1-800-606-0215

EPA ID: ME00002

Logged: 7/16/2020 3:34:59PM

Folder #: 2007497

Office Use Only: Line Item MGLWPC

Private

Released: 7/29/2020

No. of Samples in Folder:(2)

2007497-01 2007497-02

CERTIFICATION

The HETL hereby certifies that all test results for this sample were analyzed by the method listed, including preservation, preparation, and holding times, unless otherwise indicated.

Kenneth G. Pote, PhD., Director

Richard French, Quality Assurance Officer

If we can be of further assistance to you, please call us at 287-1716.

KLEINSCHMIDT, CAROLINE

ELLSWORTH ME 04605-3501

120 HATCHERY WAY

GREEN LAKE WATER POWER COMPANY

Approved by:

Christopher Montagna

Continued from Previous Page

Lab Sample#:	2007497-01			Sampl	e Address	:				
Sample Matrix:	NP-H20			Sampl	e Point:			Surface:		
Description:	GL CORE 1			Sampl	e Date:	07/1	5/2020	Sample Time:	16:10:00	
Test (Method)/Ar	<u>nalyte</u>	Result	<u>Unit</u>	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
ALK_TITR (2320	B)									
Alkalinity, Tota	ıl	4	mg/L			1			07/21/2020	J.N.
Chlorophyll A (1	.0200 H)	0.002	mg/L			0.001			07/21/2020 10:13:00	C.A.
Color (L-10-308-	·00-1-A)	13	PCU	J	50	5			07/17/2020 08:24:51	C.H.
pH (4500-H+B)		6.9	рН		14		14	1	07/22/2020 15:45:00	C.A.
Phosphorus, To	tal (L-10-115-01-1-F)	6	ug/L			2			07/21/2020 08:09:10	M.C.

Color result is approximate due to sample being received in a non-amber bottle.

Attached By C.H.

Date 07/17/2020

Time 11:10:52

Lab Sample#:	2007497-02			Sampl	e Address	:				
Sample Matrix:	NP-H20			Sampl	e Point:			Surface:		
Description:	GL CORE 2			Sampl	e Date:	07/1	.5/2020	Sample Time:	17:46:00	
Test (Method)/Ar	nalyte	Result	<u>Unit</u>	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
ALK_TITR (2320	B)									
Alkalinity, Tota	al .	4	mg/L			1			07/21/2020	J.N.
Chlorophyll A (1	.0200 H)	0.002	mg/L			0.001			07/21/2020 10:13:00	C.A.
Color (L-10-308-	-00-1-A)	16	PCU	J	50	5			07/17/2020 08:27:37	C.H.
pH (4500-H+B)		6.9	рН		14		14	1	07/22/2020 15:45:00	C.A.
Phosphorus, To	tal (L-10-115-01-1-F)	4	ug/L			2			07/21/2020 08:10:17	M.C.

Color result is approximate due to sample being received in a non-amber bottle.

Attached By C.H.

Date 07/17/2020

Time 11:11:04



Health and Environmental Testing Laboratory

221 State Street

#12 State House Station

Augusta, ME 04333-0012

Phone: (207)287-2727 Fax: (207)287-6832

Department of Health and Human Services

TTY: 1-800-606-0215

EPA ID: ME00002

29th July 2020

KLEINSCHMIDT, CAROLINE GREEN LAKE WATER POWER COMPANY 120 HATCHERY WAY ELLSWORTH ME 04605-3501

Logged: 7/30/2020 11:24:45AM

Folder #: 2007495

Office Use Only: Line Item **MGLWPC**

Private

Released: 8/14/2020

No. of Samples in Folder:(2)

2007495-01 2007495-02

CERTIFICATION

The HETL hereby certifies that all test results for this sample were analyzed by the method listed, including preservation, preparation, and holding times, unless otherwise indicated.

Kenneth G. Pote, PhD., Director

Richard French, Quality Assurance Officer

If we can be of further assistance to you, please call us at 287-1716.

Approved by:

Christopher Montagna

Lab Sample#: 2007495-01			Sampl	e Address					
Sample Matrix: NP-H20			Sampl	e Point:			Surface:		
Description: GL CORE 1			Sampl	e Date:	07/2	29/2020	Sample Time:	12:25:00	
Test (Method)/Analyte	Result	<u>Unit</u>	Qualifiers	MCL	<u>RL</u>	High Limit	Low Limit	Analysis Date	Analyst
ALK_TITR (2320 B)									
Alkalinity, Total	5	mg/L			1			07/30/2020	J.N.
Chlorophyll A (10200 H)	0.003	mg/L			0.001			08/05/2020 13:28:00	A.B.
Color (L-10-308-00-1-A)	13	PCU		50	5			07/30/2020 13:47:41	C.H.
pH (4500-H+B)	6.9	pН		14		14	1	07/31/2020 13:37:00	C.A.
Phosphorus, Total (L-10-115-01-1-F)	5	ug/L			2			08/04/2020 10:41:38	M.C.

Lab Sample#: 2007495-02			Sample	Address:					
Sample Matrix: NP-H20			Sample	Point:			Surface:		
Description: GL CORE 2			Sample	Date:	07/2	9/2020	Sample Time:	14:10:00	
Test (Method)/Analyte	Result	<u>Unit</u>	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
ALK_TITR (2320 B)									
Alkalinity, Total	4	mg/L			1			08/03/2020	J.N.
Chlorophyll A (10200 H)	0.003	mg/L			0.001			08/05/2020 13:28:00	A.B.
Color (L-10-308-00-1-A)	13	PCU		50	5			07/30/2020 13:50:26	C.H.
рН (4500-Н+В)	6.9	pН		14		14	1	07/31/2020 13:37:00	C.A.
Phosphorus, Total (L-10-115-01-1-F)	4	ug/L			2			08/04/2020 10:42:47	M.C.



12th August 22

Department of Health and Human Services Health and Environmental Testing Laboratory

221 State Street

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Augusta, ME 04333-0012

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TTY: 1-800-606-0215

EPA ID: ME00002

KLEINSCHMIDT, CAROLINE GREEN LAKE WATER POWER COMPANY 120 HATCHERY WAY ELLSWORTH ME 04605-3501 Logged: 8/13/2020 11:56:57AM

Folder #: 2007492

Office Use Only: Line Item MGLWPC

Private

Released: 9/1/2020

No. of Samples in Folder:(2)

2007492-01 2007492-02

CERTIFICATION

The HETL hereby certifies that all test results for this sample were analyzed by the method listed, including preservation, preparation, and holding times, unless otherwise indicated.

Kenneth G. Pote, PhD., Director

Richard French, Quality Assurance Officer

If we can be of further assistance to you, please call us at 287-1716.

Approved by:

Christopher Montagna

Inorganics Supervisor/Chemist III

Charter Sontugna

Lab Sample#: 2007492-01			Samp	le Address					
Sample Matrix: NP-H20				le Point:			Surface:		
Description: GL CORE 1				le Date:	08/	12/2020	Sample Time:		
Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit		12:41:00	
ALK_TITR (2320 B)			<u> </u>	<u> </u>	111	riigh chine	Low Limit	Analysis Date	Analyst
Alkalinity, Total	4	mg/L			1			08/17/2020	1.81
Chlorophyll A (10200 H)	0.002	mg/L			0.001			08/17/2020 14:22:00	J.N. A.B.
Color (L-10-308-00-1-A)	13	PCU		50	5			08/14/2020 08:05:31	
pH (4500-H+B)	6.9	pН		14	3	14			C.H.
Phosphorus, Total (L-10-115-01-1-F)	12	ug/L		14	2	14	1	08/14/2020 15:15:00 08/18/2020 11:26:42	C.A. M.C.
Lab Sample#: 2007492-02			Sample	e Address:					
Sample Matrix: NP-H20			Sample	e Point:			Surface:		
Description: GL CORE 2			Sample	Date	08/1	.2/2020			
				e Date:		2/2020	Sample Time:	14:51:00	
iest (Method)/Analyte	Result	<u>Unit</u>	Qualifiers	MCL			Sample Time:	14:51:00	Anahus
Test (Method)/Analyte ALK_TITR (2320 B)	Result	<u>Unit</u>	Qualifiers		RL	High Limit	Low Limit	14:51:00 Analysis Date	Analyst
Test (Method)/Analyte ALK_TITR (2320 B) Alkalinity, Total	Result 4	<u>Unit</u> mg/L	Qualifiers		RL		•	Analysis Date	
ALK_TITR (2320 B)	7 kg		Qualifiers		<u>RL</u> 1		•	<u>Analysis Date</u> 08/17/2020	J.N.
ALK_TITR (2320 B) Alkalinity, Total	4	mg/L	Qualifiers		RL		•	Analysis Date 08/17/2020 08/17/2020 14:22:00	J.N. A.B.
ALK_TITR (2320 B) Alkalinity, Total Chlorophyll A (10200 H)	4 0.002	mg/L mg/L	Qualifiers	MCL	1 0.001		•	<u>Analysis Date</u> 08/17/2020	J.N.



26 th August 2020 Extended Core 01

Department of Health and Human Services Health and Environmental Testing Laboratory

221 State Street

#12 State House Station

Augusta, ME 04333-0012

Phone: (207)287-2727 Fax: (207)287-6832

TTY: 1-800-606-0215 EPA ID: ME00002

KLEINSCHMIDT, CAROLINE GREEN LAKE WATER POWER COMPANY 120 HATCHERY WAY ELLSWORTH ME 04605-3501

Logged: 8/28/2020 11:39:47AM

Folder #: 2007522

Office Use Only: Line Item **MGLWPC**

Private

Released: 10/2/2020

No. of Samples in Folder:(5)

2007522-01 2007522-02 2007522-03 2007522-04 2007522-05

CERTIFICATION

The HETL hereby certifies that all test results for this sample were analyzed by the method listed, including preservation, preparation, and holding times, unless otherwise indicated.

Kenneth G. Pote, PhD., Director

Richard French, Quality Assurance Officer

If we can be of further assistance to you, please call us at 287-1716.

Approved by:

Christopher Montagna

Continued from P	revious l'a	œ
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Lab Sample#:	2007522-01			Samı	ple Address	:				
Sample Matrix:	NP-H20			Samı	ole Point:			Surface:		
Description:	GL CORE 1 7M EX			Samı	ole Date:	08/2	6/2020	Sample Time:	12:40:00	
Test (Method)/A	<u>Analyte</u>	Result	<u>Unit</u>	Qualifiers	MCL	RL	High Limit			
pH (6010B)		<2	S.U.	34	11100	<u>ILL</u>	mgn Linnt	Low Limit	Analysis Date 08/29/2020 11:00:00	Analys C.S.
6020A Prep (30	010A)	Completed							08/31/2020 05:29:27	C.S.
ALK_TITR (232)	0 B)								00/01/2020 00:29:27	0.3.
Alkalinity, Tot	tal	5	mg/L			1			08/31/2020	LNI
Chlorophyll A ((10200 H)	0.002	mg/L	J		0.001			09/02/2020 10:08:00	J.N. A.B.
Color (L-10-308	B-00-1-A)	12	PCU	J	50	5			08/28/2020 14:11:40	C.H.
Conductivity (2	2510 B)	30.0000	uMHOS/cm		-	2			09/02/2020 14:39:00	О.П. А.В.
METALS_6010E	B (6010B)					-			03/02/2020 14.33.00	A.D.
Silicon		1.2	mg/L		22.5				09/01/2020 09:20:36	0.0
METALS_6020A	4 (6020A)				22.5				09/01/2020 09.20.30	C.S.
Aluminum		0.024	mg/L			0			08/31/2020 08:35:00	C.S.
Calcium		1.7	mg/L			0.05			08/31/2020 08:35:00	C.S.
Iron		<0.05	mg/L			0.05			08/31/2020 08:35:00	C.S.
Magnesium		0.43	mg/L			0.05			08/31/2020 08:35:00	C.S.
Potassium Sodium		0.29	mg/L			0.05			08/31/2020 08:35:00	C.S.
NP_Anions_IC (/200 AI	2.6	mg/L			0.05			08/31/2020 08:35:00	C.S.
Sulfate	(300.0)	2								
Chloride		2 4.0	mg/L			1			08/28/2020 14:00:00	T.N.
Nitrate Nitroge	en	<0.01	mg/L mg/L	J		0.5			08/28/2020 14:00:00	T.N.
pH (4500-H+B)		7.0	pH	J	14	0.01	1.4		08/28/2020 14:00:00	T.N.
Phosphorus, To	etal (L-10-115-01-1-F)	5	ug/L		14	2	14	1	08/28/2020 17:42:00 09/15/2020 13:03:06	A.B. M.C.
Attached By				Date	08/31/2	020			08:21:00	
Nitrate result i	is approximate as the san	nple was received	in the lab too so	on to the e	xpiratio	n of hol	ding time	to analyze		
within holding	g time.	nple was received	in the lab too so	on to the e	expiratio	n of hol	ding time	to analyze		
within holding	g time.	nple was received	in the lab too so		expiratio: 08/31/2		ding time		06:03:06	
within holding Attached By	g time. T.N.			Date	08/31/2		ding time		06:03:06	
within holding Attached By Chlorophyll A	g time. T.N. A results are approximate			Date 4 hour hole	08/31/2	020	ding time	Time	06:03:06 10:44:12	
within holding Attached By Chlorophyll A Attached By	g time. T.N. A results are approximate			Date 4 hour hole Date	08/31/20 d time. 09/08/20	020	ding time	Time		
within holding Attached By Chlorophyll A Attached By Lab Sample#:	g time. T.N. A results are approximate A.B.			Date 4 hour hole Date Sample	08/31/20 d time. 09/08/20 e Address:	020		Time (
within holding Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix:	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20			Date 4 hour hole Date Sample	08/31/20 d time. 09/08/20 e Address: e Point:	020		Time Time	10:44:12	
within holding Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description:	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX	due to being filter	red outside the 2	Date 4 hour hole Date Sample Sample	08/31/20 d time. 09/08/20 e Address: e Point: e Date:	020	/2020	Time Time Surface: Sample Time:	10:44:12	
within holding Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description:	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX nalyte	due to being filter		Date 4 hour hole Date Sample	08/31/20 d time. 09/08/20 e Address: e Point:	020		Time Time	10:44:12 12:40:00 <u>Analysis Date</u>	Analyst
within holding Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An 6020A Prep (301	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX 1041yte 2004)	due to being filter	red outside the 2	Date 4 hour hole Date Sample Sample	08/31/20 d time. 09/08/20 e Address: e Point: e Date:	020	/2020	Time Time Surface: Sample Time:	10:44:12	Analyst C.S.
within holding Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An 6020A Prep (301 METALS_6020A	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX 1041yte 2004)	due to being filter Result Completed	red outside the 2	Date 4 hour hole Date Sample Sample	08/31/20 d time. 09/08/20 e Address: e Point: e Date:	020 020 08/26 <u>RL</u>	/2020	Time Time Surface: Sample Time:	10:44:12 12:40:00 <u>Analysis Date</u> 08/31/2020 05:29:27	C.S.
within holding Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An 6020A Prep (301	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX 1041yte 2004)	due to being filter	red outside the 2	Date 4 hour hole Date Sample Sample	08/31/20 d time. 09/08/20 e Address: e Point: e Date:	020	/2020	Time Time Surface: Sample Time:	10:44:12 12:40:00 <u>Analysis Date</u>	
within holding Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An 6020A Prep (301 METALS_6020A	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX 1041yte 2004)	due to being filter Result Completed	red outside the 2	Date 4 hour hole Date Sample Sample	08/31/20 d time. 09/08/20 e Address: e Point: e Date:	020 020 08/26 <u>RL</u>	/2020	Time Time Surface: Sample Time:	10:44:12 12:40:00 <u>Analysis Date</u> 08/31/2020 05:29:27	C.S.
within holding Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An 6020A Prep (301 METALS_6020A	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX 10alyte 2007)	due to being filter Result Completed	red outside the 2	Date 4 hour hole Date Sample Sample	08/31/20 d time. 09/08/20 e Address: e Point: e Date:	020 020 08/26 <u>RL</u>	/2020	Time Time Surface: Sample Time:	10:44:12 12:40:00 <u>Analysis Date</u> 08/31/2020 05:29:27	C.S.
Within holding Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An 6020A Prep (303 METALS_6020A Aluminum	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX 10alyte 2007)	due to being filter Result Completed	red outside the 2	Date 4 hour hole Date Sample Sample Qualifiers	08/31/2 d time. 09/08/2 e Address: e Point: e Date: MCL	020 020 08/26 <u>RL</u>	/2020	Time Time Surface: Sample Time:	10:44:12 12:40:00 <u>Analysis Date</u> 08/31/2020 05:29:27	C.S.
Within holding Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An 6020A Prep (301 METALS_6020A	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX allyte 2004) (6020A)	due to being filter Result Completed	red outside the 2	Date 4 hour hole Date Sample Sample Qualifiers	08/31/20 d time. 09/08/20 e Address: e Point: e Date: MCL	020 020 08/26 <u>RL</u>	/2020 <u>High Limit</u>	Time Time Surface: Sample Time: Low Limit	10:44:12 12:40:00 <u>Analysis Date</u> 08/31/2020 05:29:27	C.S.
Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An 6020A Prep (301 METALS_6020A Aluminum Lab Sample#: Sample Matrix:	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX 2007524-03 NP-H20 NP-H20	due to being filter Result Completed	red outside the 2	Date 4 hour hole Date Sample Sample Qualifiers Sample	08/31/20 d time. 09/08/20 e Address: e Point: e Address: e Address:	020 08/26 RL 0	/2020 High Limit	Time Time Surface: Sample Time: Low Limit	10:44:12 12:40:00 <u>Analysis Date</u> 08/31/2020 05:29:27	C.S.
Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An 6020A Prep (301 METALS_6020A Aluminum Lab Sample#: Sample Matrix: Description:	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX 2007520) (6020A) 2007522-03 NP-H20 GL CORE 1 EX 7M	due to being filter Result Completed 0.016	red outside the 2 <u>Unit</u> mg/L	Date 4 hour hole Date Sample Sample Qualifiers	08/31/20 d time. 09/08/20 e Address: e Point: e Address: e Address:	020 020 08/26 <u>RL</u>	/2020 High Limit	Time Time Surface: Sample Time: Low Limit	10:44:12 12:40:00 <u>Analysis Date</u> 08/31/2020 05:29:27	C.S.
within holding Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An METALS_6020A Aluminum Lab Sample#: Sample Matrix: Description: Test (Method)/An	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX allyte 100A) (6020A) 2007522-03 NP-H20 GL CORE 1 EX 7M allyte	due to being filter Result Completed 0.016	unit Unit Unit	Date 4 hour hole Date Sample Sample Qualifiers Sample	08/31/20 d time. 09/08/20 e Address: e Point: e Address: e Address:	020 08/26 RL 0 08/26 RL	/2020 High Limit	Time Time Surface: Sample Time: Low Limit	10:44:12 12:40:00 <u>Analysis Date</u> 08/31/2020 05:29:27 08/31/2020 08:51:00	C.S.
Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An METALS_6020A Aluminum Lab Sample#: Sample Matrix: Description: Test (Method)/An	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX 2007520) (6020A) 2007522-03 NP-H20 GL CORE 1 EX 7M	due to being filter Result Completed 0.016	red outside the 2 <u>Unit</u> mg/L	Date 4 hour hole Date Sample Sample Qualifiers Sample Sample Sample	08/31/20 d time. 09/08/20 e Address: e Point: e Date: MCL	020 08/26 RL 0	/2020 <u>High Limit</u> /2020	Time Time Surface: Sample Time: Low Limit Surface: Sample Time:	10:44:12 12:40:00 <u>Analysis Date</u> 08/31/2020 05:29:27 08/31/2020 08:51:00	C.S.
Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An 6020A Prep (303 METALS_6020A Aluminum Lab Sample#: Sample Matrix: Description: Test (Method)/An Carbon, Dissolve	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX 101/10 (6020A) 2007522-03 NP-H20 GL CORE 1 EX 7M 101/10 Extra 1 Extra	Result Completed 0.016 Result 3.5	unit Unit Unit	Date 4 hour hole Date Sample Sample Qualifiers Sample Sample Sample	08/31/20 d time. 09/08/20 e Address: e Point: e Date: MCL	020 08/26 RL 0 08/26 RL	/2020 <u>High Limit</u> /2020	Time Time Surface: Sample Time: Low Limit Surface: Sample Time:	10:44:12 12:40:00 Analysis Date 08/31/2020 05:29:27 08/31/2020 08:51:00	C.S. C.S.
Attached By Chlorophyll A Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An Aluminum Lab Sample#: Sample Matrix: Description: Test (Method)/An Carbon, Dissolve DOC filtered a	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX 1004) (6020A) 2007522-03 NP-H20 GL CORE 1 EX 7M 101yte 102 Organic (5310C) 201 and preserved past 48 hou	Result Completed 0.016 Result 3.5	unit Unit Unit	Date 4 hour hole Date Sample Sample Qualifiers Sample Sample Sample Sample	08/31/20 d time. 09/08/20 e Address: e Point: e Date: MCL	020 08/26 RL 0 08/26 RL 1	/2020 <u>High Limit</u> /2020	Time Time Surface: Sample Time: Low Limit Surface: Sample Time: Low Limit	10:44:12 12:40:00 Analysis Date 08/31/2020 05:29:27 08/31/2020 08:51:00	C.S. C.S.
Attached By Chlorophyll A Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An METALS_6020A Aluminum Lab Sample#: Sample Matrix: Description: Test (Method)/An Carbon, Dissolve DOC filtered a Attached By	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX 2007522-03 NP-H20 GL CORE 1 EX 7M 2018 CORE 1 EX 7M 2019	Result Completed 0.016 Result 3.5	unit Unit Unit	Date 4 hour hole Date Sample Sample Qualifiers Sample Sample Sample Sample Sample Sample Sample Sample	08/31/20 d time. 09/08/20 e Address: e Point: e Date: MCL Date: MCL	020 08/26 RL 0 08/26 RL 1	/2020 <u>High Limit</u> /2020	Time Time Surface: Sample Time: Low Limit Surface: Sample Time: Low Limit	12:40:00 Analysis Date 08/31/2020 05:29:27 08/31/2020 08:51:00 12:40:00 Analysis Date 09/02/2020 07:38:00	C.S. C.S.
Attached By Chlorophyll A Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An METALS_6020A Aluminum Lab Sample#: Sample Matrix: Description: Test (Method)/An Carbon, Dissolve DOC filtered a Attached By Lab Sample#:	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX 100A) (6020A) 2007522-03 NP-H20 GL CORE 1 EX 7M 101yte 102 Organic (5310C) and preserved past 48 hou V.M. 2007522-04	Result Completed 0.016 Result 3.5	unit Unit Unit	Date 4 hour hole Date Sample Sample Qualifiers Sample Sample Sample Sample Sample Sample Sample Sample	08/31/20 d time. 09/08/20 e Address: e Point: e Date: MCL 09/03/20 e Address:	020 08/26 RL 0 08/26 RL 1	/2020 High Limit /2020 High Limit	Time Time Surface: Sample Time: Low Limit Surface: Sample Time: Low Limit	12:40:00 Analysis Date 08/31/2020 05:29:27 08/31/2020 08:51:00 12:40:00 Analysis Date 09/02/2020 07:38:00	C.S. C.S.
Attached By Chlorophyll A Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An 6020A Prep (303 METALS_6020A Aluminum Lab Sample#: Sample Matrix: Description: Test (Method)/An Carbon, Dissolve DOC filtered a Attached By Lab Sample#: Sample Matrix:	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX 1004) (6020A) 2007522-03 NP-H20 GL CORE 1 EX 7M 1014te 1014 Organic (5310C) and preserved past 48 hou V.M. 2007522-04 NP-H20	Result Completed 0.016 Result 3.5	unit Unit Unit	Date 4 hour hole Date Sample Sample Qualifiers Sample Sample Sample Sample Sample Sample Sample Sample	08/31/20 d time. 09/08/20 e Address: e Point: e Date: MCL 09/03/20 e Address:	020 08/26 RL 0 08/26 RL 1	/2020 High Limit /2020 High Limit	Time Time Surface: Sample Time: Low Limit Surface: Sample Time: Low Limit	12:40:00 Analysis Date 08/31/2020 05:29:27 08/31/2020 08:51:00 12:40:00 Analysis Date 09/02/2020 07:38:00	C.S. C.S.
Attached By Chlorophyll A Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An Aluminum Lab Sample#: Sample Matrix: Description: Test (Method)/An Carbon, Dissolve DOC filtered a Attached By Lab Sample#: Sample Matrix: Description: Cast (Method)/An Carbon, Dissolve DOC filtered a Attached By Lab Sample#: Sample Matrix: Description:	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX 1004) (6020A) 2007522-03 NP-H20 GL CORE 1 EX 7M 1014te 104 Organic (5310C) and preserved past 48 how V.M. 2007522-04 NP-H20 GL CORE 1 EX 14M	Result Completed 0.016 Result 3.5	unit Unit Unit	Date 4 hour hole Date Sample Sample Qualifiers Sample Sample Sample Sample Sample Sample Sample Sample	08/31/20 d time. 09/08/20 e Address: e Point: e Date: MCL 09/03/20 e Address: e Point:	020 08/26 RL 0 08/26 RL 1	/2020 High Limit /2020 High Limit	Time Time Surface: Sample Time: Low Limit Surface: Sample Time: Low Limit	12:40:00 Analysis Date 08/31/2020 05:29:27 08/31/2020 08:51:00 12:40:00 Analysis Date 09/02/2020 07:38:00	C.S. C.S.
Attached By Chlorophyll A Attached By Chlorophyll A Attached By Lab Sample#: Sample Matrix: Description: Test (Method)/An Aluminum Lab Sample#: Sample Matrix: Description: Test (Method)/An Carbon, Dissolve DOC filtered a Attached By Lab Sample#: Sample Matrix: Description: Cest (Method)/An Cerbon, Dissolve Coc filtered a Attached By Lab Sample#: Sample Matrix: Description: Cest (Method)/Ana	g time. T.N. A results are approximate A.B. 2007522-02 NP-H20 DISS ALUM GL CORE 1 EX 1004) (6020A) 2007522-03 NP-H20 GL CORE 1 EX 7M 1014te 104 Organic (5310C) and preserved past 48 how V.M. 2007522-04 NP-H20 GL CORE 1 EX 14M	Result Completed 0.016 Result 3.5	unit Unit Unit	Date 4 hour hole Date Sample	08/31/20 d time. 09/08/20 e Address: e Point: e Date: MCL 09/03/20 e Address: e Point:	020 08/26 RL 0 08/26 RL 1	/2020 High Limit /2020 High Limit	Time Time Surface: Sample Time: Low Limit Surface: Sample Time: Low Limit Time O Gurface:	12:40:00 Analysis Date 08/31/2020 05:29:27 08/31/2020 08:51:00 12:40:00 Analysis Date 09/02/2020 07:38:00 7:40:45	C.S. C.S.

Continued from Previous Page

Lab Sample#: 2007522-05

Sample Matrix:

NP-H20

Sample Address:

Sample Point:

Surface:

Description: GL CORE 1 EX 50M

Phosphorus, Total (L-10-115-01-1-F)

Test (Method)/Analyte

Result

<u>Unit</u>

ug/L

Qualifiers

Sample Date: MCL

08/26/2020

High Limit

RL

2

Sample Time: Low Limit 12:40:00

Analysis Date 09/15/2020 13:05:25 **Analyst** M.C.

Page 3 of 4





Department of Health and Human Services Health and Environmental Testing Laboratory

221 State Street

#12 State House Station

Augusta, ME 04333-0012

Phone: (207)287-2727 Fax: (207)287-6832 TTY: 1-800-606-0215

Y: 1-800-606-0215 EPA ID: ME00002

KLEINSCHMIDT, CAROLINE GREEN LAKE WATER POWER COMPANY 120 HATCHERY WAY ELLSWORTH ME 04605-3501 Logged:

08/28/2020 11:39:47AM

Folder/ Invoice #:

2007522

Office Use Only: MGLWPC

Private

Released:

10/2/2020

Case #:

Project Name:

No. of Samples in Folder 5

2007522-01, 2007522-02, 2007522-03 2007522-04, 2007522-05

CERTIFICATION

The HETL hereby certifies that all test results for this sample were analyzed by the method listed, including preservation, preparation, and holding times, unless otherwise indicated.

Kenneth G. Pote, PhD., Director

Richard French, Quality Assurance Officer

If we can be of further assistance to you, please call us at 287-1716.

Approved by:

James E. Curlett

Organics Supervisor/Chemist III

Jour & Culett

Continued from Previous Page

HETL Sample Number: 2007522-03

Description:

GL CORE 1 EX 7M

Matrix:

NP-H20

Sample Point: Sample Date:

8/26/2020

Time: 12:40:00

Method: 5310C

Sampler: GLWP

Analyst: Vera Maheu

Analysis Date/Time: 09/02/2020 07:38:00

Analyte

Carbon, Dissolved Organic

Result 3.5

Units mg/L RL 1

MCL Qualifiers

DOC filtered and preserved past 48 hours.

Attached By Vera Maheu

Date 09/03/2020

Time 07:40:45

Units & Measurement

"mg/L" = Milligrams per liter;

"ug/L" = Micrograms per Liter;

"mg/Kg" = Milligrams per Kilogram;

"ug/Kg" = Micrograms per Kilogram;

"NTU" = Nephelometric Turbidity Units;

The MCL, Maximum Contaminant Level is listed for comparing your results with recommended levels. In the "Qualifier" column, an " * " is placed to indicate any results that exceed this MCL.

If there are no " * " in the "Qualifier" column, your water is considered satisfactory for those tests.

All solid results are reported on a "Dry Weight" basis.

RL-Reporting Limit is the lowest concentration which can be reliably reported on a routine basis.

"<" = Less than">" = Greater than

MCL - Maximum Contaminant Level is the highest level allowed by EPA for public water supplies. Also used here as the maximum advisory limit set by the Maine Centers for Disease Control and Prevention.

Note: Results below the advisory limit, including < and J are considered satisfactory for that parameter.

Disclaimer

Your report consists of the number of pages listed on the cover page. Any attachments after the last numbered page are for informational purposes only and are not part of the formal report.

The results in this report are for the submitted sample(s) only.

This report shall not be reproduced, except in full, without written permission from the Maine Health and **Environmental Testing Laboratory.**



27 August 202 Extended Core 02

Department of Health and Human Services Health and Environmental Testing Laboratory

221 State Street

#12 State House Station

Augusta, ME 04333-0012

Phone: (207)287-2727 Fax: (207)287-6832

TTY: 1-800-606-0215 EPA ID: ME00002

Logged: 8/28/2020 11:53:23AM

Folder #: 2015255

Office Use Only: Line Item **MGLWPC** Private

Released: 10/2/2020

No. of Samples in Folder:(5)

KLEINSCHMIDT, CAROLINE

ELLSWORTH ME 04605-3501

120 HATCHERY WAY

GREEN LAKE WATER POWER COMPANY

2015255-01 2015255-02 2015255-03 2015255-04 2015255-05

CERTIFICATION

The HETL hereby certifies that all test results for this sample were analyzed by the method listed, including preservation, preparation, and holding times, unless otherwise indicated.

Kenneth G. Pote, PhD., Director

Richard French, Quality Assurance Officer

If we can be of further assistance to you, please call us at 287-1716.

Approved by:

Christopher Montagna

Lab Sample#: 2015255-01			Sample Address:				
Sample Matrix: NP-H20			Sample Point:		Surface:		
Description: GL CORE 2 EX 10M			Sample Date:	08/27/2020	Sample Time:	19:33:00	
Test (Method)/Analyte	Result	<u>Unit</u>	Qualifiers MCL	RL High Limit	Low Limit	Analysis Date	Analys
pH (6010B)	<2	S.U.	<u>quamera</u> <u>mea</u>	iii iiigii iiiii	EOTI EIIIIX	08/29/2020 11:00:00	C.S.
6020A Prep (3010A)	Completed					08/31/2020 05:29:27	C.S.
ALK_TITR (2320 B)							
Alkalinity, Total	4	mg/L		1		08/31/2020	J.N.
Chlorophyll A (10200 H)	0.001	mg/L		0.001		09/02/2020 10:08:00	A.B.
Color (L-10-308-00-1-A)	11	PCU	50	5		08/28/2020 14:14:26	C.H.
Conductivity (2510 B)	29.8000	uMHOS/cm		2		09/02/2020 14:39:00	A.B.
METALS_6010B (6010B)	7/2			-		00/02/2020 / 1.00.00	7
Silicon	1.2	mg/L	22.5			09/01/2020 09:30:25	C.S.
METALS_6020A (6020A)	<u>-</u>	9/ _	22.3			00/01/2020 00:00:20	0.0.
Aluminum	0.017	mg/L		0		08/31/2020 08:56:00	C.S.
Calcium	1.2	mg/L		0.05		08/31/2020 08:56:00	C.S.
Iron	<0.05	mg/L		0.05		08/31/2020 08:56:00	C.S.
Magnesium	0.32	mg/L		0.05		08/31/2020 08:56:00	C.S.
Potassium	0.19	mg/L		0.05		08/31/2020 08:56:00	C.S.
Sodium	1.9	mg/L		0.05		08/31/2020 08:56:00	C.S.
NP_Anions_IC (300.0)							
Sulfate	2	mg/L		1		08/28/2020 13:43:00	T.N.
Chloride	4.0	mg/L		0.5		08/28/2020 13:43:00	T.N.
Nitrate Nitrogen	<0.01	mg/L		0.01		08/28/2020 13:43:00	T.N.
рН (4500-Н+В)	7.0	pH 	14	14	1	08/28/2020 17:42:00	A.B.
Phosphorus, Total (L-10-115-01-1-F)	4	ug/L		2		09/15/2020 13:15:47	M.C.
Control of the Contro							
Lab Sample#: 2015255-02			Sample Address:				
Sample Matrix: NP-H20			Sample Point:		Surface:		
Description: DISS ALUM GL CORE 2 EX 10M			Sample Date:	08/27/2020	Sample Time:	19:33:00	
Test (Method)/Analyte	Result	<u>Unit</u>	Qualifiers MCL	RL High Limit	Low Limit	Analysis Date	Analys
6020A Prep (3010A)	Completed					08/31/2020 05:29:27	C.S.
METALS_6020A (6020A)							
Aluminum	0.015	mg/L		0		08/31/2020 09:01:00	C.S.
Aluminum	0.015	mg/L		0		08/31/2020 09:01:00	C.S.
	0.015	mg/L	Sample Address:	0		08/31/2020 09:01:00	C.S.
Lab Sample#: 2015255-03	0.015	mg/L	Sample Address: Sample Point:	0	Surface:	08/31/2020 09:01:00	C.S.
Lab Sample#: <i>2015255-03</i> Sample Matrix: NP-H20	0.015	mg/L	Sample Point:				C.S.
Lab Sample#: 2015255-03 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M			Sample Point: Sample Date:	08/27/2020	Sample Time:	19:33:00	
Lab Sample#: 2015255-03 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M	0.015 Result 3.5	mg/L <u>Unit</u> mg/L	Sample Point:				
Lab Sample#: 2015255-03 Hample Matrix: NP-H20 Description: GL CORE 2 EX 10M Fiest (Method)/Analyte	<u>Result</u>	<u>Unit</u>	Sample Point: Sample Date:	08/27/2020 <u>RL</u> <u>High Limit</u>	Sample Time:	19:33:00 Analysis Date	Analys
Lab Sample#: 2015255-03 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M Test (Method)/Analyte Carbon, Dissolved Organic (5310C)	<u>Result</u>	<u>Unit</u>	Sample Point: Sample Date:	08/27/2020 <u>RL</u> <u>High Limit</u>	Sample Time:	19:33:00 Analysis Date	<u>Analys</u>
Lab Sample#: 2015255-03 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M Test (Method)/Analyte Carbon, Dissolved Organic (5310C)	<u>Result</u>	<u>Unit</u>	Sample Point: Sample Date: Qualifiers MCL	08/27/2020 <u>RL</u> <u>High Limit</u>	Sample Time:	19:33:00 Analysis Date	<u>Analys</u> :
Lab Sample#: 2015255-03 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M Test (Method)/Analyte Carbon, Dissolved Organic (5310C) Lab Sample#: 2015255-04 Sample Matrix: NP-H20	<u>Result</u>	<u>Unit</u>	Sample Point: Sample Date: Qualifiers MCL Sample Address: Sample Point:	08/27/2020 <u>RL</u> <u>High Limit</u> 1	Sample Time: <u>Low Limit</u> Surface:	19:33:00 <u>Analysis Date</u> 09/02/2020 07:38:00	<u>Analys</u> :
Lab Sample#: 2015255-03 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M Test (Method)/Analyte Carbon, Dissolved Organic (5310C) Lab Sample#: 2015255-04 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M DUP	Result 3.5	<u>Unit</u> mg/L	Sample Point: Sample Date: Qualifiers MCL Sample Address: Sample Point: Sample Date:	08/27/2020 RL High Limit 1 08/27/2020	Sample Time: Low Limit Surface: Sample Time:	19:33:00 Analysis Date 09/02/2020 07:38:00	Analys: V.M.
Lab Sample#: 2015255-03 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M Set (Method)/Analyte Carbon, Dissolved Organic (5310C) Lab Sample#: 2015255-04 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M DUP Set (Method)/Analyte	Result 3.5	<u>Unit</u> mg/L	Sample Point: Sample Date: Qualifiers MCL Sample Address: Sample Point:	08/27/2020 RL High Limit 1 08/27/2020 RL High Limit	Sample Time: <u>Low Limit</u> Surface:	19:33:00 Analysis Date 09/02/2020 07:38:00 19:33:00 Analysis Date	Analys V.M.
Lab Sample#: 2015255-03 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M Test (Method)/Analyte Carbon, Dissolved Organic (5310C) Lab Sample#: 2015255-04 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M DUP	Result 3.5	<u>Unit</u> mg/L	Sample Point: Sample Date: Qualifiers MCL Sample Address: Sample Point: Sample Date:	08/27/2020 RL High Limit 1 08/27/2020	Sample Time: Low Limit Surface: Sample Time:	19:33:00 Analysis Date 09/02/2020 07:38:00	Analys V.M.
Lab Sample#: 2015255-03 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M Test (Method)/Analyte Carbon, Dissolved Organic (5310C) Lab Sample#: 2015255-04 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M DUP Test (Method)/Analyte Phosphorus, Total (L-10-115-01-1-F)	Result 3.5	<u>Unit</u> mg/L	Sample Point: Sample Date: Qualifiers MCL Sample Address: Sample Point: Sample Date: Qualifiers MCL	08/27/2020 RL High Limit 1 08/27/2020 RL High Limit	Sample Time: Low Limit Surface: Sample Time:	19:33:00 Analysis Date 09/02/2020 07:38:00 19:33:00 Analysis Date	Analys V.M.
Lab Sample#: 2015255-03 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M Test (Method)/Analyte Carbon, Dissolved Organic (5310C) Lab Sample#: 2015255-04 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M DUP Test (Method)/Analyte Phosphorus, Total (L-10-115-01-1-F) Lab Sample#: 2015255-05	Result 3.5	<u>Unit</u> mg/L	Sample Point: Sample Date: Qualifiers MCL Sample Address: Sample Point: Sample Date: Qualifiers MCL Sample Address:	08/27/2020 RL High Limit 1 08/27/2020 RL High Limit	Sample Time: Low Limit Surface: Sample Time: Low Limit	19:33:00 Analysis Date 09/02/2020 07:38:00 19:33:00 Analysis Date	Analys V.M.
Lab Sample#: 2015255-03 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M Test (Method)/Analyte Carbon, Dissolved Organic (5310C) Lab Sample#: 2015255-04 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M DUP Test (Method)/Analyte Phosphorus, Total (L-10-115-01-1-F) Lab Sample#: 2015255-05	Result 3.5	<u>Unit</u> mg/L	Sample Point: Sample Date: Qualifiers MCL Sample Address: Sample Point: Sample Date: Qualifiers MCL	08/27/2020 RL High Limit 1 08/27/2020 RL High Limit	Sample Time: Low Limit Surface: Sample Time:	19:33:00 Analysis Date 09/02/2020 07:38:00 19:33:00 Analysis Date	Analys V.M.
Lab Sample#: 2015255-03 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M Test (Method)/Analyte Carbon, Dissolved Organic (5310C) Lab Sample#: 2015255-04 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M DUP Test (Method)/Analyte Phosphorus, Total (L-10-115-01-1-F) Lab Sample#: 2015255-05 Sample Matrix: NP-H20	Result 3.5	<u>Unit</u> mg/L	Sample Point: Sample Date: Qualifiers MCL Sample Address: Sample Point: Sample Date: Qualifiers MCL Sample Address:	08/27/2020 RL High Limit 1 08/27/2020 RL High Limit	Sample Time: Low Limit Surface: Sample Time: Low Limit	19:33:00 Analysis Date 09/02/2020 07:38:00 19:33:00 Analysis Date	Analys V.M.
Lab Sample#: 2015255-03 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M Test (Method)/Analyte Carbon, Dissolved Organic (5310C) Lab Sample#: 2015255-04 Sample Matrix: NP-H20 Description: GL CORE 2 EX 10M DUP Test (Method)/Analyte Phosphorus, Total (L-10-115-01-1-F) Lab Sample#: 2015255-05 Sample Matrix: NP-H20	Result 3.5	<u>Unit</u> mg/L	Sample Point: Sample Date: Qualifiers MCL Sample Address: Sample Point: Sample Date: Qualifiers MCL Sample Address: Sample Point:	08/27/2020 RL High Limit 1 08/27/2020 RL High Limit 2	Sample Time: Low Limit Surface: Sample Time: Low Limit	19:33:00 Analysis Date 09/02/2020 07:38:00 19:33:00 Analysis Date 09/15/2020 13:16:56	Analys V.M.



27 h Angra 2020

Department of Health and Human Services Health and Environmental Testing Laboratory

221 State Street

#12 State House Station

Augusta, ME 04333-0012

Phone: (207)287-2727 Fax: (207)287-6832

TTY: 1-800-606-0215 EPA ID: ME00002

KLEINSCHMIDT, CAROLINE GREEN LAKE WATER POWER COMPANY 120 HATCHERY WAY ELLSWORTH ME 04605-3501 Logged:

08/28/2020 11:53:23AM

Folder/ Invoice #:

2015255

Office Use Only:

MGLWPC

Private

Released:

10/2/2020

Case #:

Project Name:

No. of Samples in Folder 5

2015255-01, 2015255-02, 2015255-03

2015255-04, 2015255-05

CERTIFICATION

The HETL hereby certifies that all test results for this sample were analyzed by the method listed, including preservation, preparation, and holding times, unless otherwise indicated.

Kenneth G. Pote, PhD., Director

Richard French, Quality Assurance Officer

If we can be of further assistance to you, please call us at 287-1716.

Approved by:

James E. Curlett

Organics Supervisor/Chemist III

Janes & Culett

Continued from Previous Page

HETL Sample Number: 2015255-03

Description:

GL CORE 2 EX 10M

Matrix:

NP-H20

Sample Point:

Sampler: GLWP

Sample Date:

8/27/2020

Time: 19:33:00

Method: 5310C

Carbon, Dissolved Organic

Analyst: Vera Maheu

Analysis Date/Time: 09/02/2020 07:38:00

MCL

Analyte

Result

3.5

Units mg/L RL

Qualifiers

Units & Measurement

"mg/L" = Milligrams per liter;

"ug/L" = Micrograms per Liter;

"mg/Kg" = Milligrams per Kilogram;

"ug/Kg" = Micrograms per Kilogram;

"NTU" = Nephelometric Turbidity Units;

The MCL, Maximum Contaminant Level is listed for comparing your results with recommended levels. In the "Qualifier" column, an " * " is placed to indicate any results that exceed this MCL.

If there are no " * " in the "Qualifier" column, your water is considered satisfactory for those tests.

All solid results are reported on a "Dry Weight" basis.

RL-Reporting Limit is the lowest concentration which can be reliably reported on a routine basis.

"<" = Less than">" = Greater than

MCL - Maximum Contaminant Level is the highest level allowed by EPA for public water supplies. Also used here as the maximum advisory limit set by the Maine Centers for Disease Control and Prevention.

Note: Results below the advisory limit, including < and J are considered satisfactory for that parameter.

Disclaimer

Your report consists of the number of pages listed on the cover page. Any attachments after the last numbered page are for informational purposes only and are not part of the formal report.

The results in this report are for the submitted sample(s) only.

This report shall not be reproduced, except in full, without written permission from the Maine Health and **Environmental Testing Laboratory.**



9 th Saptamber 2020

Department of Health and Human Services
Health and Environmental Testing Laboratory

221 State Street

#12 State House Station

Augusta, ME 04333-0012

Phone: (207)287-2727 Fax: (207)287-6832

TTY: 1-800-606-0215 EPA ID: ME00002

Logged: 9/10/2020 11:51:36AM Folder #: 2007499

Office Use Only: Line Item MGLWPC Private

Released: 10/2/2020

KLEINSCHMIDT, CAROLINE GREEN LAKE WATER POWER COMPANY 120 HATCHERY WAY ELLSWORTH ME 04605-3501

No. of Samples in Folder:(2)

2007499-01 2007499-02

CERTIFICATION

The HETL hereby certifies that all test results for this sample were analyzed by the method listed, including preservation, preparation, and holding times, unless otherwise indicated.

Kenneth G. Pote, PhD., Director

Richard French, Quality Assurance Officer

If we can be of further assistance to you, please call us at 287-1716.

Approved by:

Christopher Montagna

			Sample	Address:					
Sample Matrix: NP-H20			Sample	Point:			Surface:		
Description: GLWP CORE 1			Sample	Date:	09/0	9/2020	Sample Time:	13:56:00	
Test (Method)/Analyte	Result	<u>Unit</u>	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
ALK_TITR (2320 B)								· maryou butto	Analyse
Alkalinity, Total	5	mg/L			1			09/14/2020	J.N.
Chlorophyll A (10200 H)	0.002	mg/L			0.001			09/17/2020 08:51:00	A.B.
Color (L-10-308-00-1-A)	11	PCU		50	5			09/10/2020 14:31:14	C.H.
pH (4500-H+B)	6.9	рН		14		14	1	09/11/2020 09:15:00	A.B.
Phosphorus, Total (L-10-115-01-1-F)	4	ug/L			2		-	09/29/2020 11:03:00	M.C.
Lab Sample#: 2007499-02			Sample	Address:					
Sample Matrix: NP-H20			Cample	Dainte					
			Sample				Surface:		
Description: GLWP CORE 2			Sample Sample		09/0	9/2020	Surface: Sample Time:	15:19:00	
Description: GLWP CORE 2 Test (Method)/Analyte	Result	<u>Unit</u>			09/0 <u>RL</u>	9/2020 <u>High Limit</u>		15:19:00 <u>Analysis Date</u>	<u>Analyst</u>
Description: GLWP CORE 2 Test (Method)/Analyte ALK_TITR (2320 B)		<u>Unit</u>	Sample	Date:			Sample Time:		<u>Analyst</u>
Description: GLWP CORE 2 Test (Method)/Analyte ALK_TITR (2320 B) Alkalinity, Total	5	<u>Unit</u> mg/L	Sample	Date:			Sample Time:		<u>Analyst</u> J.N.
Description: GLWP CORE 2 Test (Method)/Analyte ALK_TITR (2320 B) Alkalinity, Total Chlorophyll A (10200 H)	5 0.002		Sample	Date:	RL		Sample Time:	Analysis Date	
Description: GLWP CORE 2 Test (Method)/Analyte ALK_TITR (2320 B) Alkalinity, Total	5	mg/L	Sample	Date:	<u>RL</u> 1		Sample Time:	<u>Analysis Date</u> 09/14/2020	J.N.
Description: GLWP CORE 2 Test (Method)/Analyte ALK_TITR (2320 B) Alkalinity, Total Chlorophyll A (10200 H)	5 0.002	mg/L mg/L	Sample	Date: <u>MCL</u>	1 0.001		Sample Time:	Analysis Date 09/14/2020 09/17/2020 08:51:00	J.N. A.B.



21 September 2020

Department of Health and Human Services Health and Environmental Testing Laboratory

221 State Street

#12 State House Station

Augusta, ME 04333-0012

Phone: (207)287-2727 Fax: (207)287-6832

TTY: 1-800-606-0215

EPA ID: ME00002

Logged: 9/22/2020 12:23:33PM

Folder #: 2007493

Office Use Only: Line Item MGLWPC Private

Released: 10/6/2020

No. of Samples in Folder:(2)

2007493-01 2007493-02

CERTIFICATION

The HETL hereby certifies that all test results for this sample were analyzed by the method listed, including preservation, preparation, and holding times, unless otherwise indicated.

Kenneth G. Pote, PhD., Director

Richard French, Quality Assurance Officer

If we can be of further assistance to you, please call us at 287-1716.

KLEINSCHMIDT, CAROLINE

ELLSWORTH ME 04605-3501

120 HATCHERY WAY

GREEN LAKE WATER POWER COMPANY

Approved by:

Christopher Montagna

Lab Sample#: 2007493-01			Sample Addre	ss:				
Sample Matrix: NP-H20			Sample Point			Surface:		
Description: GL CORE 01			Sample Date:	09/	21/2020	Sample Time:	12:35:00	
Test (Method)/Analyte	Result	Unit	Qualifiers MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
ALK_TITR (2320 B)				_				
Alkalinity, Total	5	mg/L		1			09/23/2020	J.N.
Chlorophyll A (10200 H)	0.002	mg/L		0.001			10/01/2020 10:08:00	A.B.
Color (L-10-308-00-1-A)	12	PCU	50	5			09/22/2020 14:00:27	C.H.
pH (4500-H+B)	6.9	рН	14		14	1	09/22/2020 15:06:00	A.B.
Phosphorus, Total (L-10-115-01-1-F)	4	ug/L		2		-	09/24/2020 14:09:24	M.C.
Lab Samplette								
Lab Sample#: 2007493-02 Sample Matrix: NP-H20			Sample Addre Sample Point:	ss:		Surface:		
Sample Matrix: NP-H20					21/2020	Surface: Sample Time:	14-24-00	
Sample Matrix: NP-H20	Result	Unit	Sample Point: Sample Date:	09/		Sample Time:	14:24:00 Analysis Date	Analyst
Sample Matrix: NP-H20 Description: GL CORE 02	<u>Result</u>	<u>Unit</u>	Sample Point:		21/2020 <u>High Limit</u>		14:24:00 <u>Analysis Date</u>	<u>Analyst</u>
Sample Matrix: NP-H20 Description: GL CORE 02 Test (Method)/Analyte	Result 4	<u>Unit</u> mg/L	Sample Point: Sample Date:	09/ <u>RL</u>		Sample Time:	<u>Analysis Date</u>	
Sample Matrix: NP-H20 Description: GL CORE 02 Test (Method)/Analyte ALK_TITR (2320 B)			Sample Point: Sample Date:	09/		Sample Time:		J.N.
Sample Matrix: NP-H20 Description: GL CORE 02 Test (Method)/Analyte ALK_TITR (2320 B) Alkalinity, Total	4	mg/L	Sample Point: Sample Date:	09/ <u>RL</u> 1		Sample Time:	Analysis Date 09/23/2020 10/01/2020 10:08:00	J.N. A.B.
Sample Matrix: NP-H20 Description: GL CORE 02 Test (Method)/Analyte ALK_TITR (2320 B) Alkalinity, Total Chlorophyll A (10200 H)	4 0.002	mg/L mg/L	Sample Point: Sample Date: Qualifiers MCL	09/ <u>RL</u> 1 0.001		Sample Time:	<u>Analysis Date</u> 09/23/2020	J.N.



5th October 220

Department of Health and Human Services **Health and Environmental Testing Laboratory**

221 State Street #12 State House Station

Augusta, ME 04333-0012

Phone: (207)287-2727 Fax: (207)287-6832

TTY: 1-800-606-0215 EPA ID: ME00002

Logged: 10/6/2020 12:30:36PM

Folder #: 2007500

Office Use Only: Line Item **MGLWPC**

Private

Released: 10/16/2020

ELLSWORTH ME 04605-3501

KLEINSCHMIDT, CAROLINE

120 HATCHERY WAY

GREEN LAKE WATER POWER COMPANY

No. of Samples in Folder:(2)

2007500-01 2007500-02

CERTIFICATION

The HETL hereby certifies that all test results for this sample were analyzed by the method listed, including preservation, preparation, and holding times, unless otherwise indicated.

Kenneth G. Pote, PhD., Director

Richard French, Quality Assurance Officer

If we can be of further assistance to you, please call us at 287-1716.

Approved by:

Christopher Montagna

Lab Sample#:	2007500-01			Sample	e Address:					
Sample Matrix:	NP-H20			Sample	e Point:			Surface:		
Description:	GL CORE 01			Sample	e Date:	10/0	05/2020	Sample Time:	13:12:00	
Test (Method)/Ar	nalyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
ALK_TITR (2320	O B)									
Alkalinity, Tota	al	5	mg/L			1			10/07/2020	J.N.
Chlorophyll A (1	10200 Н)	0.002	mg/L			0.001			10/14/2020 14:38:00	A.B.
Color (L-10-308-	3-00-1-A)	11	PCU		50	5			10/06/2020 14:02:36	C.H.
pH (4500-H+B)		7.0	pН		14		14	1	10/07/2020 17:27:00	A.B.
Phosphorus, To	otal (L-10-115-01-1-F)	4	ug/L			2			10/08/2020 10:50:26	M.C.
Lab Sample#:	2007500-02			Sample	e Address:					
	2007500-02 NP-H20			•	e Address: e Point:			Surface:		
Sample Matrix:				•	e Point:		05/2020	Surface: Sample Time:	14:48:00	
Sample Matrix: Description:	NP-H20 GL CORE 02	Result	<u>Unit</u>	Sample	e Point:		05/2020 <u>High Limit</u>		14:48:00 Analysis Date	Analyst
Lab Sample#: Sample Matrix: Description: Test (Method)/Ar ALK_TITR (2320	NP-H20 GL CORE 02 nalyte	Result	<u>Unit</u>	Sample	e Point: e Date:	10/0		Sample Time:		Analyst
Sample Matrix: Description: Test (Method)/Ar	NP-H20 GL CORE 02 nalyte 0 B)	Result 5	<u>Unit</u> mg/L	Sample	e Point: e Date:	10/0		Sample Time:		Analyst J. N.
Sample Matrix: Description: Test (Method)/Ar ALK_TITR (2320	NP-H20 GL CORE 02 nalyte 0 B)			Sample	e Point: e Date:	10/0 <u>RL</u>		Sample Time:	Analysis Date	
Sample Matrix: Description: <u>Test (Method)/Ar</u> ALK_TITR (2320 Alkalinity, Tota	NP-H20 GL CORE 02 nalyte 0 B) al	5	mg/L	Sample	e Point: e Date:	10/0 <u>RL</u>		Sample Time:	Analysis Date 10/07/2020	J.N.
Sample Matrix: Description: Test (Method)/Ar ALK_TITR (2320 Alkalinity, Toto Chlorophyll A (1	NP-H20 GL CORE 02 nalyte 0 B) al	5	mg/L mg/L	Sample	e Point: e Date: <u>MCL</u>	10/0 RL 1 0.001		Sample Time:	Analysis Date 10/07/2020 10/14/2020 14:38:00	J.N. A.B.



19th October 2020

Department of Health and Human Services Health and Environmental Testing Laboratory

221 State Street

#12 State House Station

Augusta, ME 04333-0012

Phone: (207)287-2727 Fax: (207)287-6832

TTY: 1-800-606-0215 EPA ID: ME00002

KLEINSCHMIDT, CAROLINE GREEN LAKE WATER POWER COMPANY 120 HATCHERY WAY ELLSWORTH ME 04605-3501 **Logged:** 10/20/2020 12:16:27PM

Folder #: 2007501

Office Use Only: Line Item MGLWPC Private

Released: 11/2/2020

Project Name: GLWP

No. of Samples in Folder:(2)

2007501-01 2007501-02

CERTIFICATION

The HETL hereby certifies that all test results for this sample were analyzed by the method listed, including preservation, preparation, and holding times, unless otherwise indicated.

Kenneth G. Pote, PhD., Director

Richard French, Quality Assurance Officer

If we can be of further assistance to you, please call us at 287-1716.

Approved by:

Christopher Montagna

Continued	from	Previous	Page
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Lab Sample#: 2007501-01			Sample Addres	s:				
Sample Matrix: NP-H20			Sample Point:			Surface:		
Description: GL CORE 01			Sample Date:	10/	19/2020	Sample Time:	13:25:00	
Test (Method)/Analyte	Result	<u>Unit</u>	Qualifiers MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
ALK_TITR (2320 B)								
Alkalinity, Total	5	mg/L		1			10/21/2020	J.N.
Chlorophyll A (10200 H)	0.003	mg/L		0.001			10/29/2020 09:17:00	A.B.
Color (L-10-308-00-1-A)	12	PCU	50	5			10/21/2020 08:10:48	C.H.
рН (4500-Н+В)	6.8	pН	14		14	1	10/28/2020 12:16:00	A.B.
Phosphorus, Total (L-10-115-01-1-F)	3	ug/L		2			10/28/2020 11:38:49	M.C.
Lab Sample#: 2007501-02			Sample Addres	5:				
. 2007502 02			Sample Addres Sample Point:	5:		Surface:		
Sample Matrix: NP-H20					19/2020	Surface: Sample Time:	14:50:00	
Sample Matrix: NP-H20 Description: GL CORE 02	<u>Result</u>	<u>Unit</u>	Sample Point:		19/2020 <u>High Limit</u>		14:50:00 <u>Analysis Date</u>	Analyst
Sample Matrix: NP-H20	<u>Result</u>	<u>Unit</u>	Sample Point: Sample Date:	10/	•	Sample Time:		Analyst
Sample Matrix: NP-H20 Description: GL CORE 02 Test (Method)/Analyte	Result 5	<u>Unit</u> mg/L	Sample Point: Sample Date:	10/	•	Sample Time:		<u>Analyst</u> J.N.
Sample Matrix: NP-H20 Description: GL CORE 02 Test (Method)/Analyte ALK_TITR (2320 B)			Sample Point: Sample Date:	10/ <u>RL</u>	•	Sample Time:	<u>Analysis Date</u>	
Sample Matrix: NP-H20 Description: GL CORE 02 Fest (Method)/Analyte ALK_TITR (2320 B) Alkalinity, Total	5	mg/L	Sample Point: Sample Date:	10/ <u>RL</u> 1	•	Sample Time:	<u>Analysis Date</u> 10/21/2020	J.N.
Description: GL CORE 02 Test (Method)/Analyte ALK_TITR (2320 B) Alkalinity, Total Chlorophyll A (10200 H)	5 0.004	mg/L mg/L	Sample Point: Sample Date: <u>Qualifiers</u> <u>MCL</u>	10/ <u>RL</u> 1 0.001	•	Sample Time:	Analysis Date 10/21/2020 10/29/2020 09:17:00	J.N. A.B.