



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

17th June 2020

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
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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
Inorganics Supervisor/Chemist III

MAINE HEALTH AND ENVIRONMENTAL TESTING LABORATORY - Visit our Web Site at: <http://www.maine.gov/dhs/etl>
 221 State Street, Station #12 Department of Human Services Augusta, Maine 04333 Tel. No. 207-287-1716 Fax. No. 207-287-6832

Continued from Previous Page

Lab Sample#: 2007496-01		Sample Address:							
Sample Matrix: NP-H2O		Sample Point:				Surface:			
Description: GL CORE 1		Sample Date: 06/17/2020		Sample Time: 16:20:00					
Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
<i>ALK_TITR (2320 B)</i>									
Alkalinity, Total	4	mg/L			1			06/20/2020	J.N.
<i>CHLOROPHYLA (10200 H)</i>									
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	pH		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		Sample Address:							
Sample Matrix: NP-H2O		Sample Point:				Surface:			
Description: GL CORE 2		Sample Date: 06/17/2020		Sample Time: 18:10:00					
Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
<i>ALK_TITR (2320 B)</i>									
Alkalinity, Total	4	mg/L			1			06/20/2020	J.N.
<i>CHLOROPHYLA (10200 H)</i>									
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.
pH (4500-H+B)	6.9	pH		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

30th June 2020

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

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

Folder #: 2007494

Office Use Only: Line Item MGLWPC Private
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Released: 7/9/2020

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

Continued from Previous Page

Lab Sample#: 2007494-01

Sample Matrix: NP-H2O

Description: GL CORE 1

Sample Address:

Sample Point:

Surface:

Sample Date: 06/30/2020

Sample Time: 16:21:00

Test (Method)/Analyte	Result	Unit	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.
pH (4500-H+B)	7.1	pH		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-H2O

Description: GL CORE 2

Sample Address:

Sample Point:

Surface:

Sample Date: 06/30/2020

Sample Time: 17:59:00

Test (Method)/Analyte	Result	Unit	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 07:41:19	C.H.
pH (4500-H+B)	7.0	pH		14		14	1	07/02/2020 16:00:00	C.A.
Phosphorus, Total (L-10-115-01-1-F)	5	ug/L			2			07/07/2020 09:55:01	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

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#12 State House Station

Augusta, ME 04333-0012

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

TTY: 1-800-606-0215

EPA ID: ME00002

15th July 2020

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

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

Folder #: 2007497

Office Use Only: Line Item MGLWPC Private
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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.

Approved by:

Christopher Montagna
Inorganics Supervisor/Chemist III

Continued from Previous Page

Lab Sample#: 2007497-01		Sample Address:							
Sample Matrix: NP-H20		Sample Point:				Surface:			
Description: GL CORE 1		Sample Date: 07/15/2020		Sample Time: 16:10:00					
Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
<i>ALK_TITR (2320 B)</i>									
Alkalinity, Total	4	mg/L			1			07/21/2020	J.N.
Chlorophyll A (10200 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	pH		14		14	1	07/22/2020 15:45:00	C.A.
Phosphorus, Total (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		Sample Address:							
Sample Matrix: NP-H20		Sample Point:				Surface:			
Description: GL CORE 2		Sample Date: 07/15/2020		Sample Time: 17:46:00					
Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
<i>ALK_TITR (2320 B)</i>									
Alkalinity, Total	4	mg/L			1			07/21/2020	J.N.
Chlorophyll A (10200 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	pH		14		14	1	07/22/2020 15:45:00	C.A.
Phosphorus, Total (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



Department of Health and Human Services
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Augusta, ME 04333-0012

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

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
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No. of Samples in Folder:(2)

Released: 8/14/2020

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
Inorganics Supervisor/Chemist III

Continued from Previous Page

Lab Sample#: 2007495-01		Sample Address:								
Sample Matrix: NP-H20		Sample Point:				Surface:				
Description: GL CORE 1		Sample Date: 07/29/2020			Sample Time: 12:25:00					
Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst	
<i>ALK_TITR (2320 B)</i>										
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	pH		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: 07/29/2020			Sample Time: 14:10:00					
Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst	
<i>ALK_TITR (2320 B)</i>										
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.	
pH (4500-H+B)	6.9	pH		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.	



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EPA ID: ME00002

12th August 2020

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

MAINE HEALTH AND ENVIRONMENTAL TESTING LABORATORY - Visit our Web Site at: <http://www.maine.gov/dhs/etl>
 221 State Street, Station #12 Department of Human Services Augusta, Maine 04333 Tel. No. 207-287-1716 Fax. No. 207-287-6832

Continued from Previous Page

Lab Sample#: 2007492-01

Sample Matrix: NP-H2O

Description: GL CORE 1

Sample Address:

Sample Point:

Surface:

Sample Date: 08/12/2020

Sample Time: 12:41:00

Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
ALK_TITR (2320 B)									
Alkalinity, Total	4	mg/L			1			08/17/2020	J.N.
Chlorophyll A (10200 H)	0.002	mg/L			0.001			08/17/2020 14:22:00	A.B.
Color (L-10-308-00-1-A)	13	PCU		50	5			08/14/2020 08:05:31	C.H.
pH (4500-H+B)	6.9	pH		14		14	1	08/14/2020 15:15:00	C.A.
Phosphorus, Total (L-10-115-01-1-F)	12	ug/L			2			08/18/2020 11:26:42	M.C.

Lab Sample#: 2007492-02

Sample Matrix: NP-H2O

Description: GL CORE 2

Sample Address:

Sample Point:

Surface:

Sample Date: 08/12/2020

Sample Time: 14:51:00

Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
ALK_TITR (2320 B)									
Alkalinity, Total	4	mg/L			1			08/17/2020	J.N.
Chlorophyll A (10200 H)	0.002	mg/L			0.001			08/17/2020 14:22:00	A.B.
Color (L-10-308-00-1-A)	13	PCU		50	5			08/14/2020 08:11:01	C.H.
pH (4500-H+B)	6.9	pH		14		14	1	08/14/2020 15:15:00	C.A.
Phosphorus, Total (L-10-115-01-1-F)	5	ug/L			2			08/18/2020 11:27:51	M.C.



Department of Health and Human Services
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Augusta, ME 04333-0012

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

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EPA ID: ME00002

26th August 2020

Extended 600 01

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
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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
Inorganics Supervisor/Chemist III

Continued from Previous Page

Lab Sample#: 2007522-01		Sample Address:								
Sample Matrix: NP-H2O		Sample Point:				Surface:				
Description: GL CORE 1 7M EX		Sample Date: 08/26/2020		Sample Time: 12:40:00						
Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst	
pH (6010B)	<2	S.U.						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	5	mg/L			1			08/31/2020	J.N.	
Chlorophyll A (10200 H)	0.002	mg/L	J		0.001			09/02/2020 10:08:00	A.B.	
Color (L-10-308-00-1-A)	12	PCU	J	50	5			08/28/2020 14:11:40	C.H.	
Conductivity (2510 B)	30.0000	uMHOS/cm			2			09/02/2020 14:39:00	A.B.	
METALS_6010B (6010B)										
Silicon	1.2	mg/L		22.5				09/01/2020 09:20:36	C.S.	
METALS_6020A (6020A)										
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	0.29	mg/L			0.05			08/31/2020 08:35:00	C.S.	
Sodium	2.6	mg/L			0.05			08/31/2020 08:35:00	C.S.	
NP_Anions_IC (300.0)										
Sulfate	2	mg/L			1			08/28/2020 14:00:00	T.N.	
Chloride	4.0	mg/L			0.5			08/28/2020 14:00:00	T.N.	
Nitrate Nitrogen	<0.01	mg/L	J		0.01			08/28/2020 14:00:00	T.N.	
pH (4500-H+B)	7.0	pH		14		14	1	08/28/2020 17:42:00	A.B.	
Phosphorus, Total (L-10-115-01-1-F)	5	ug/L			2			09/15/2020 13:03:06	M.C.	

Color result is approximate because sample exceeded 48-hour holding time.

Attached By C.H. Date 08/31/2020 Time 08:21:00

Nitrate result is approximate as the sample was received in the lab too soon to the expiration of holding time to analyze within holding time.

Attached By T.N. Date 08/31/2020 Time 06:03:06

Chlorophyll A results are approximate due to being filtered outside the 24 hour hold time.

Attached By A.B. Date 09/08/2020 Time 10:44:12

Lab Sample#: 2007522-02		Sample Address:								
Sample Matrix: NP-H2O		Sample Point:				Surface:				
Description: DISS ALUM GL CORE 1 EX		Sample Date: 08/26/2020		Sample Time: 12:40:00						
Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst	
6020A Prep (3010A)	Completed							08/31/2020 05:29:27	C.S.	
METALS_6020A (6020A)										
Aluminum	0.016	mg/L			0			08/31/2020 08:51:00	C.S.	

Lab Sample#: 2007522-03		Sample Address:								
Sample Matrix: NP-H2O		Sample Point:				Surface:				
Description: GL CORE 1 EX 7M		Sample Date: 08/26/2020		Sample Time: 12:40:00						
Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst	
Carbon, Dissolved Organic (5310C)	3.5	mg/L			1			09/02/2020 07:38:00	V.M.	

DOC filtered and preserved past 48 hours.

Attached By V.M. Date 09/03/2020 Time 07:40:45

Lab Sample#: 2007522-04		Sample Address:								
Sample Matrix: NP-H2O		Sample Point:				Surface:				
Description: GL CORE 1 EX 14M		Sample Date: 08/26/2020		Sample Time: 12:40:00						
Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst	
Phosphorus, Total (L-10-115-01-1-F)	5	ug/L			2			09/15/2020 13:04:16	M.C.	

Continued from Previous Page

Lab Sample#: 2007522-05

Sample Matrix: NP-H2O

Description: GL CORE 1 EX 50M

Sample Address:

Sample Point:

Surface:

Sample Date:

08/26/2020

Sample Time:

12:40:00

Test (Method)/Analyte

Result

Unit

Qualifiers

MCL

RL

High Limit

Low Limit

Analysis Date

Analyst

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

7

ug/L

2

09/15/2020 13:05:25

M.C.



Department of Health and Human Services
Health and Environmental Testing Laboratory

221 State Street

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EPA ID: ME00002

26th August 2020

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

Continued from Previous Page

HETL Sample Number: 2007522-03

Description: GL CORE 1 EX 7M

Matrix: NP-H20

Sample Point:

Sampler: GLWP

Sample Date: 8/26/2020 Time: 12:40:00

Method: 5310C

Analyst: Vera Maheu

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

Analyte	Result	Units	RL	MCL	Qualifiers
Carbon, Dissolved Organic	3.5	mg/L	1		
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.



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

27th August 2020

Extended Core 02

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

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)

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
Inorganics Supervisor/Chemist III

**MAINE HEALTH AND ENVIRONMENTAL TESTING LABORATORY - Visit our Web Site at: <http://www.maine.gov/dhs/etl>
221 State Street, Station #12 Department of Human Services Augusta, Maine 04333 Tel. No. 207-287-1716 Fax. No. 207-287-6832**

Continued from Previous Page

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	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
pH (6010B)	<2	S.U.						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)									
Silicon	1.2	mg/L		22.5				09/01/2020 09:30:25	C.S.
METALS_6020A (6020A)									
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.
pH (4500-H+B)	7.0	pH				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.

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	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
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.

Lab Sample#: 2015255-03	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	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
Carbon, Dissolved Organic (5310C)	3.5	mg/L			1			09/02/2020 07:38:00	V.M.

Lab Sample#: 2015255-04	Sample Address:								
Sample Matrix: NP-H20	Sample Point:				Surface:				
Description: GL CORE 2 EX 10M DUP	Sample Date: 08/27/2020			Sample Time: 19:33:00					
Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
Phosphorus, Total (L-10-115-01-1-F)	8	ug/L			2			09/15/2020 13:16:56	M.C.

Lab Sample#: 2015255-05	Sample Address:								
Sample Matrix: NP-H20	Sample Point:				Surface:				
Description: GL CORE 2 EX 18M	Sample Date: 08/27/2020			Sample Time: 19:33:00					
Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
Phosphorus, Total (L-10-115-01-1-F)	13	ug/L			2			09/15/2020 13:18:05	M.C.



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

27th August 2020

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

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

Analyst: Vera Maheu

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

Analyte	Result	Units	RL	MCL	Qualifiers
Carbon, Dissolved Organic	3.5	mg/L	1		

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.



9th 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

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

Logged: 9/10/2020 11:51:36AM

Folder #: 2007499

Office Use Only: Line Item MGLWPC Private
--

Released: 10/2/2020

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
Inorganics Supervisor/Chemist III

Continued from Previous Page

Lab Sample#: 2007499-01

Sample Matrix: NP-H2O

Description: GLWP CORE 1

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			09/14/2020	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	pH		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.

Sample Address:

Sample Point:

Surface:

Sample Date: 09/09/2020 Sample Time: 13:56:00

Lab Sample#: 2007499-02

Sample Matrix: NP-H2O

Description: GLWP CORE 2

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			09/14/2020	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 14:32:36	C.H.
pH (4500-H+B)	6.9	pH		14		14	1	09/11/2020 09:15:00	A.B.
Phosphorus, Total (L-10-115-01-1-F)	5	ug/L			2			09/29/2020 11:04:08	M.C.

Sample Address:

Sample Point:

Surface:

Sample Date: 09/09/2020 Sample Time: 15:19:00



Department of Health and Human Services
Health and Environmental Testing Laboratory

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EPA ID: ME00002

21st September 2020

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

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.

Approved by:

Christopher Montagna

Inorganics Supervisor/Chemist III

Continued from Previous Page

Lab Sample#: 2007493-01

Sample Matrix: NP-H2O

Description: GL CORE 01

Sample Address:

Sample Point:

Surface:

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
<i>ALK_TITR (2320 B)</i>									
<i>Alkalinity, Total</i>	5	mg/L			1			09/23/2020	J.N.
<i>Chlorophyll A (10200 H)</i>	0.002	mg/L			0.001			10/01/2020 10:08:00	A.B.
<i>Color (L-10-308-00-1-A)</i>	12	PCU		50	5			09/22/2020 14:00:27	C.H.
<i>pH (4500-H+B)</i>	6.9	pH		14		14	1	09/22/2020 15:06:00	A.B.
<i>Phosphorus, Total (L-10-115-01-1-F)</i>	4	ug/L			2			09/24/2020 14:09:24	M.C.

Lab Sample#: 2007493-02

Sample Matrix: NP-H2O

Description: GL CORE 02

Sample Address:

Sample Point:

Surface:

Sample Date: 09/21/2020

Sample Time: 14:24:00

Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
<i>ALK_TITR (2320 B)</i>									
<i>Alkalinity, Total</i>	4	mg/L			1			09/23/2020	J.N.
<i>Chlorophyll A (10200 H)</i>	0.002	mg/L			0.001			10/01/2020 10:08:00	A.B.
<i>Color (L-10-308-00-1-A)</i>	11	PCU		50	5			09/22/2020 14:04:35	C.H.
<i>pH (4500-H+B)</i>	6.9	pH		14		14	1	09/22/2020 15:06:00	A.B.
<i>Phosphorus, Total (L-10-115-01-1-F)</i>	4	ug/L			2			09/24/2020 14:10:43	M.C.



Department of Health and Human Services
Health and Environmental Testing Laboratory

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Augusta, ME 04333-0012

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EPA ID: ME00002

5th October 2020

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

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

Folder #: 2007500

Office Use Only:
Line Item
MGLWPC
Private

Released: 10/16/2020

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
Inorganics Supervisor/Chemist III

Continued from Previous Page

Lab Sample#: 2007500-01

Sample Matrix: NP-H2O

Description: GL CORE 01

Sample Address:

Sample Point:

Surface:

Sample Date: 10/05/2020 Sample Time: 13:12:00

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			10/07/2020	J.N.
Chlorophyll A (10200 H)	0.002	mg/L			0.001			10/14/2020 14:38:00	A.B.
Color (L-10-308-00-1-A)	11	PCU		50	5			10/06/2020 14:02:36	C.H.
pH (4500-H+B)	7.0	pH		14		14	1	10/07/2020 17:27:00	A.B.
Phosphorus, Total (L-10-115-01-1-F)	4	ug/L			2			10/08/2020 10:50:26	M.C.

Lab Sample#: 2007500-02

Sample Matrix: NP-H2O

Description: GL CORE 02

Sample Address:

Sample Point:

Surface:

Sample Date: 10/05/2020 Sample Time: 14:48:00

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			10/07/2020	J.N.
Chlorophyll A (10200 H)	0.002	mg/L			0.001			10/14/2020 14:38:00	A.B.
Color (L-10-308-00-1-A)	10	PCU		50	5			10/06/2020 14:03:58	C.H.
pH (4500-H+B)	7.0	pH		14		14	1	10/07/2020 17:27:00	A.B.
Phosphorus, Total (L-10-115-01-1-F)	4	ug/L			2			10/08/2020 10:51:35	M.C.



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
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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: 10/20/2020 12:16:27PM

Folder #: 2007501

Office Use Only: Line Item MGLWPC Private
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Project Name: GLWP

No. of Samples in Folder:(2)

Released: 11/2/2020

2007501-01
2007501-02

CERTIFICATION

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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

Continued from Previous Page

Lab Sample#: 2007501-01		Sample Address:							
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	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
<i>ALK_TITR (2320 B)</i>									
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.
pH (4500-H+B)	6.8	pH		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 Address:							
Sample Matrix: NP-H20		Sample Point:				Surface:			
Description: GL CORE 02		Sample Date: 10/19/2020				Sample Time: 14:50:00			
Test (Method)/Analyte	Result	Unit	Qualifiers	MCL	RL	High Limit	Low Limit	Analysis Date	Analyst
<i>ALK_TITR (2320 B)</i>									
Alkalinity, Total	5	mg/L			1			10/21/2020	J.N.
Chlorophyll A (10200 H)	0.004	mg/L			0.001			10/29/2020 09:17:00	A.B.
Color (L-10-308-00-1-A)	10	PCU		50	5			10/21/2020 08:12:10	C.H.
pH (4500-H+B)	6.8	pH		14		14	1	10/28/2020 12:16:00	A.B.
Phosphorus, Total (L-10-115-01-1-F)	4	ug/L			2			10/28/2020 11:39:56	M.C.