

Holland & Knight

315 South Calhoun Street, Suite 600 | Tallahassee, FL 32301 | T 850.224.7000 | F 850.224.8832
Holland & Knight LLP | www.hklaw.com

D. Bruce May, Jr.
(850) 425-5607
bruce.may@hklaw.com

November 26, 2018

Via E-Mail

Andrew Maurey, Director
Division of Accounting and Finance
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

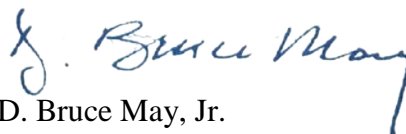
Re: In re: Application for Limited Proceeding Rate Increase in Gulf County, by
Lighthouse Utilities Company, Inc. - Docket No. 20180179-WU

Dear Mr. Maurey:

Our client, Lighthouse Utilities Company, Inc. (“Lighthouse” or “Utility”) has been working diligently to compile the information requested in your letter dated October 26, 2018. Those efforts, however, have been hampered by the fact that the Utility’s engineer also serves as the chief engineer for the City of Mexico Beach and has been immersed in storm restoration efforts. In light of these circumstances, the Utility will need an additional week to respond. Meanwhile, with respect to Items (5) and (6) of your October 26th letter: (i) the Utility is not aware of any customer complaints regarding DEP secondary water quality standards during the past 5 years; and (ii) a copy of the most recent secondary water quality test results is attached, as required by Rule 5-30.445(4)(o)2. The Utility will provide responses to the other items in your October 26th letter by December 3, 2018. Thank you for your consideration.

Sincerely,

HOLLAND & KNIGHT LLP



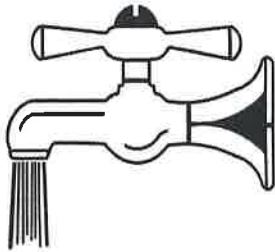
D. Bruce May, Jr.

DBM:kjg
Enclosures

Andrew Maurey
November 26, 2018
Page 2

cc: *Via E-Mail w/Enclosures to:*

Jennifer Crawford
Johana Nieves
Amber Norris
Cheryl Bulecza-Banks
Dylan Andrews
Malissa Bennett
Stephen Fletcher
Marissa Friedrich
Shannon Hudson
Emily Knoblauch
Luis Salvador
Robert Graves
Patty Christensen
Office of Commission Clerk



the water spigot, inc.

NELAC Laboratory Certification #E81105
5806 East Hwy. 22 * Panama City, Florida 32404
(850) 871-1900 * Fax (850)871-9303
trishj-waterspigit@comcast.net

Certificate of Analysis

Client Report For: Lighthouse Utilites
Attention: Larry McArdle
Client Address: P.O Box 428
Port St. Joe, FL 32456-

Report Date: January 29, 2018
LAB ID: WS18JAN12-008

Comment:

These test results meet all NELAC requirements for those parameters which require accreditation. Any exceptions or deviations from NELAC protocol are noted in this report. Any samples collected by Water Spigot personnel are done according to the latest revision of SOP-001/01. Any questions concerning this report should be directed to the person signing this report at (850) 871-1900, The Water Spigot, Inc., 5806 East Highway 22, Panama City, FL 32404. The test results in this report relate only to those specific samples listed.

A statement of estimated uncertainty of test results is available on request. Analyses performed in the field are not regulated by the NELAC standards.

Results for solid sample are calculated and reported on a dry weight basis unless otherwise noted.

Results contained within this report relate only to the samples referenced in this report.

This report may not be reproduced except in full with written approval from the laboratory.

Approved By: 
Trish Jackson, President

Date: 

The Water Spigot
 5806 East Hwy. 22 Panama City, FL. 32404
 (850) 871-1900 F: (850) 871-9303
 NELAC Laboratory Certification: E81105

Client: Lighthouse Utilites
Lab ID: WS18JAN12-008-001
Recv By: Rebecca Mellerski
Recv Dt: 1/12/2018 11:20

Client Sample ID: LU Fluid 7521 AAA 16" Well
Collection Date: 1/12/2018 10:08
Matrix: AQUEOUS-Drinking
Sampler: L. McArdle

Analyses

Client Provided Data

	Result	Detection Limit	Reporting Limit	Qual	Unit
pH	8.1	0	0		pH Units

Sodium in water by FLAA

SM 3111 B

	Result	Detection Limit	Reporting Limit	Qual	Unit
Sodium	11	1	5		mg/L
Dilution Factor	1				
Prep By	BS				
Prep Date/Time	01/29/2018 10:50				
Analyzed By	BS				
Analysis Date/Time	01/29/2018 11:05				

The Water Spigot
 5806 East Hwy. 22 Panama City, FL. 32404
 (850) 871-1900 F: (850) 871-9303
 NELAC Laboratory Certification: E81105

Client: Lighthouse Utilites **Client Sample ID:** LU Fluid 7521 AAA 16" Well
Lab ID: WS18JAN12-008-002 **Collection Date:** 1/12/2018 10:09
Recv By: Rebecca Mellerski **Matrix:** AQUEOUS-Drinking
Recv Dt: 1/12/2018 11:20 **Sampler:** L. McArdle

Analyses

Client Provided Data

Batch: Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
pH	8.1	0	0		pH Units

Chloride

SM 4500-CL-E (21st)

Batch: W-011518-008 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Chloride	6.5	1	4		mg/L
Dilution Factor	1				
Prep By	jsc				
Prep Date/Time	01/16/2018 09:00				
Analyzed By	jsc				
Analysis Date/Time	01/17/2018 14:30				

Filterable Residue

SM 2540 C (21st)

Batch: W-011718-014 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Total Dissolved Solids	222	1	2		mg/L
Dilution Factor	1				
Prep By	LW				
Prep Date/Time	01/12/2018 12:00				
Analyzed By	LW				
Analysis Date/Time	01/12/2018 12:00				

The Water Spigot
 5806 East Hwy. 22 Panama City, FL. 32404
 (850) 871-1900 F: (850) 871-9303
 NELAC Laboratory Certification: E81105

Client: Lighthouse Utilites **Client Sample ID:** LU Fluid AAG9116 6" Well
Lab ID: WS18JAN12-008-003 **Collection Date:** 1/12/2018 10:45
Recv By: Rebecca Mellerski **Matrix:** AQUEOUS-Drinking
Recv Dt: 1/12/2018 11:20 **Sampler:** L. McArdle

Analyses

Client Provided Data

Batch: Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
pH	8.0	0	0		pH Units

Sodium in water by FLAA

SM 3111 B

Batch: W-012918-016 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Sodium	23	1	5		mg/L
Dilution Factor	1				
Prep By	BS				
Prep Date/Time	01/29/2018 10:50				
Analyzed By	BS				
Analysis Date/Time	01/29/2018 11:05				

The Water Spigot
 5806 East Hwy. 22 Panama City, FL. 32404
 (850) 871-1900 F: (850) 871-9303
 NELAC Laboratory Certification: E81105

Client: Lighthouse Utilites **Client Sample ID:** LU Fluid AAG9116 6" Well
Lab ID: WS18JAN12-008-004 **Collection Date:** 1/12/2018 10:46
Recv By: Rebecca Mellerski **Matrix:** AQUEOUS-Drinking
Recv Dt: 1/12/2018 11:20 **Sampler:** L. McArdle

Analyses

Client Provided Data

Batch: Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
pH	8.0	0	0		pH Units

Chloride

SM 4500-CL-E (21st)

Batch: W-011518-008 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Chloride	29	1	4		mg/L
Dilution Factor	1				
Prep By	jsc				
Prep Date/Time	01/16/2018 09:00				
Analyzed By	jsc				
Analysis Date/Time	01/17/2018 14:30				

Filterable Residue

SM 2540 C (21st)

Batch: W-011718-014 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Total Dissolved Solids	256	1	2		mg/L
Dilution Factor	1				
Prep By	LW				
Prep Date/Time	01/12/2018 12:00				
Analyzed By	LW				
Analysis Date/Time	01/12/2018 12:00				

The Water Spigot
 5806 East Hwy. 22 Panama City, FL. 32404
 (850) 871-1900 F: (850) 871-9303
 NELAC Laboratory Certification: E81105

Data Qualifier	Qualifier Definition
B	Results based upon colony counts outside the acceptable range. Applies to microbiological tests and specifically to membrane filter colony counts. It is to be used if the colony count is generated from a plate in which the total number of colonies is outside the method indicated ideal range.
D	Measurement was made in the field.
E	Extra samples were taken at composite stations
G	Analyte was detected in both the sample and the associated field, equipment, or trip blank.
H	Value based on field kit determination; results may not be accurate.
I	The reported value is between the laboratory MDL and the laboratory PQL.
J	This qualifier is used when a QC sample does not meet the requirements in the method (ie: duplicate, spike, or control). There will always be a comment explained in the details. Laboratory does not feel that the sample results are compromised.
K	Off-scale low. Actual value is known to be less than the value given.
L	Off-scale high. Actual value is known to be greater than value given.
M	Chemical Analysis: Presence of material is verified but not quantified; the actual value is less than the value given. The reported value shall be the laboratory practical quantitation limit. Species: Male sex
N	Presumptive evidence of presence of material
O	Sampled, but analysis was lost during sample preparation or sample analysis
Q	Sample is either received or analyzed after the holding time. An explanation will be included if the laboratory is at fault.
R	Significant rain in the past 48 hours.
S	Secchi disk visible to bottom of waterbody. The value reported is the depth of the waterbody at the location of the Secchi disk measurement.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes, only and shall not be used in statistical analysis.
U	Compound was analyzed for but not detected.
V	Analyte was detected in both the sample and the associated method blank.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present for accurate counting (TNTC), the numeric value shall be estimated from the highest dilution factor (smallest sample volume) used for the test and reported with the qualifier code.
?	Data is rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not analyzed due to interference.
!	Data deviates from historically established concentration ranges.
•	Not analyzed due to high chlorine content or matrix interference

For more detailed information see: Florida Administrative Code rule chapter 62-160 Table 62-160.700.
 History–New 1-1-91, Amended 2-4-93, 2-27-94, Formerly 17-160.700, Amended 3-24-96, 4-9-02, 6-8-04, 12-3-08, 7-30-14.

The Water Spigot

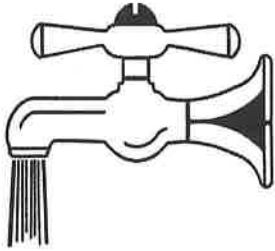
5806 E. Hwy. 22 * Panama City, FL 32404
 (850) 871-1900 * Fax (850) 871-9303
 Email: trish@thewaterspigit.com

№ 94645

CHAIN OF CUSTODY RECORD

Company Name / Plant <i>Lighthouse Utilities</i>						# O F C O N T A I N E R S	Project Name <i>1st Quarter Water Quality</i>						Sample # <i>JAN12-008</i>						
Company Address <i>PO Box 428</i>							Lab Dispose <input checked="" type="checkbox"/> Return to Client <input type="checkbox"/> Other <input type="checkbox"/>						Container #						
City, State, Zip <i>Port St. Joe, FL 32457</i>													Check If Rush						
Send Report To:													Special Instructions						
Copy To DEP / DOH (circle one)				Phone #:			Analysis Requested						P.O. #						
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				<i>850-227-5349</i>															
Email Address:																			
Sampling		Type		Matrix			Analysis Requested						Field Data			Preservative Codes			
Date	Time	C	G	W	S														W
		o	r	a	t		e	r											
<i>1-12-18</i>		<i>ET</i>																	
<i>1-12-18</i>		<i>1008</i>		<i>XX</i>		<i>FLUID 7521 AAA</i>						<i>0118-0423 mt</i>			<i>8.1</i>				
		<i>1009</i>		<i>XX</i>		<i>16" well raw</i>						<i>0118-0422 W</i>			<i>8.1</i>				
<i>1-12-18</i>		<i>1045</i>		<i>XX</i>		<i>FLUID AAG 9116</i>						<i>0118-0421 mt</i>			<i>8.0</i>				
		<i>1046</i>		<i>XX</i>		<i>6" well raw</i>						<i>0118-0420 W</i>			<i>8.0</i>				
Sampled By & Title <i>L. McArdle / M. Pope</i>						Date / Time <i>1-12-18 10:00</i>		Relinquished By <i>[Signature]</i>						Date / Time <i>1-12-18 11:20 CST</i>					
Received By								Relinquished By						Date / Time					
Received By								Relinquished By						Date / Time					
Received By								Shipped VIA UPS BUS <u>HAND</u> FED EX OTHER											
Relinquished in Lab By <i>Rebecca Meurers</i>						Date / Time <i>1-12-18 11:20</i>		Remarks <i>[Signature]</i>						Temp. Received in Lab: <i>6.8</i>					

Distribution: Original - LAB Yellow - CLIENT



the water spigot, inc.

NELAC Laboratory Certification #E81105
5806 East Hwy. 22 * Panama City, Florida 32404
(850) 871-1900 * Fax (850)871-9303
trishj-waterspigit@comcast.net

Certificate of Analysis

Client Report For: Lighthouse Utilites
Attention: Larry McArdle
Client Address: P.O Box 428
Port St. Joe, FL 32456-

Report Date: May 22, 2018
LAB ID: WS18APR13-012

Comment:

These test results meet all NELAC requirements for those parameters which require accreditation. Any exceptions or deviations from NELAC protocol are noted in this report. Any samples collected by Water Spigot personnel are done according to the latest revision of SOP-001/01. Any questions concerning this report should be directed to the person signing this report at (850) 871-1900, The Water Spigot, Inc., 5806 East Highway 22, Panama City, FL 32404. The test results in this report relate only to those specific samples listed.

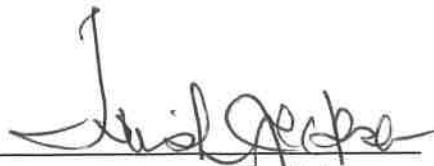
A statement of estimated uncertainty of test results is available on request. Analyses performed in the field are not regulated by the NELAC standards.

Results for solid sample are calculated and reported on a dry weight basis unless otherwise noted.

Results contained within this report relate only to the samples referenced in this report.

This report may not be reproduced except in full with written approval from the laboratory.

Approved By: _____


Trish Jackson, President

Date: _____

5-22-18

The Water Spigot
 5806 East Hwy. 22 Panama City, FL. 32404
 (850) 871-1900 F: (850) 871-9303
 NELAC Laboratory Certification: E81105

Client: Lighthouse Utilites
Lab ID: WS18APR13-012-001
Recv By: Jamie Coughlin
Recv Dt: 4/13/2018 11:35

Client Sample ID: LUCI 16" Well
Collection Date: 4/13/2018 10:34
Matrix: AQUEOUS-Drinking
Sampler: McArdle/Pope

Analyses

Client Provided Data

Batch: Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
pH	7.9	0	0		pH Units

Sodium in water by FLAA

SM 3111 B

Batch: W-050718-002 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Sodium	8.9	1	5		mg/L
Dilution Factor	25				
Prep By	BS				
Prep Date/Time	05/07/2018 10:45				
Analyzed By	BS				
Analysis Date/Time	05/07/2018 11:05				

Chloride

SM 4500-CL-E (21st)

Batch: W-041618-004 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Chloride	7.2	1	4		mg/L
Dilution Factor	1				
Prep By	jsc				
Prep Date/Time	04/24/2018 10:00				
Analyzed By	jsc				
Analysis Date/Time	04/25/2018 08:00				

Filterable Residue

SM 2540 C (21st)

Batch: W-050218-024 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Total Dissolved Solids	250	1	2		mg/L
Dilution Factor	1				
Prep By	LW				
Prep Date/Time	04/17/2018 15:30				
Analyzed By	LW				
Analysis Date/Time	04/17/2018 15:30				

The Water Spigot
 5806 East Hwy. 22 Panama City, FL. 32404
 (850) 871-1900 F: (850) 871-9303
 NELAC Laboratory Certification: E81105

Client: Lighthouse Utilites **Client Sample ID:** LUCI 6" Well
Lab ID: WS18APR13-012-002 **Collection Date:** 4/13/2018 11:00
Recv By: Jamie Coughlin **Matrix:** AQUEOUS-Drinking
Recv Dt: 4/13/2018 11:35 **Sampler:** McArdle/Pope

Analyses

Client Provided Data

Batch: Run: 1

	Result	Detection Limit	Reporting Limit	Qual	Unit
pH	7.3	0	0		pH Units

Sodium in water by FLAA

SM 3111 B

Batch: W-050718-002 **Run:** 1

	Result	Detection Limit	Reporting Limit	Qual	Unit
Sodium	4400	1	5		mg/L
Dilution Factor	1				
Prep By	BS				
Prep Date/Time	05/07/2018 10:45				
Analyzed By	BS				
Analysis Date/Time	05/07/2018 11:05				

Chloride

SM 4500-CL-E (21st)

Batch: W-041618-004 **Run:** 1

	Result	Detection Limit	Reporting Limit	Qual	Unit
Chloride	900	10	40		mg/L
Dilution Factor	10				
Prep By	jsc				
Prep Date/Time	04/24/2018 10:00				
Analyzed By	jsc				
Analysis Date/Time	04/25/2018 08:00				

Filterable Residue

SM 2540 C (21st)

Batch: W-050218-024 **Run:** 1

	Result	Detection Limit	Reporting Limit	Qual	Unit
Total Dissolved Solids	14320	1	2		mg/L

Result Comment: DUPLICATE SAMPLE DOES NOT MEET METHOD CRITERIA. ALL OTHER QC PASSED.

Dilution Factor	1				
Prep By	LW				
Prep Date/Time	04/17/2018 15:30				
Analyzed By	LW				
Analysis Date/Time	04/17/2018 15:30				

The Water Spigot
 5806 East Hwy. 22 Panama City, FL. 32404
 (850) 871-1900 F: (850) 871-9303
 NELAC Laboratory Certification: E81105

Data Qualifier	Qualifier Definition
B	Results based upon colony counts outside the acceptable range. Applies to microbiological tests and specifically to membrane filter colony counts. It is to be used if the colony count is generated from a plate in which the total number of colonies is outside the method indicated ideal range.
D	Measurement was made in the field.
E	Extra samples were taken at composite stations
G	Analyte was detected in both the sample and the associated field, equipment, or trip blank.
H	Value based on field kit determination; results may not be accurate.
I	The reported value is between the laboratory MDL and the laboratory PQL.
J	This qualifier is used when a QC sample does not meet the requirements in the method (ie: duplicate, spike, or control). There will always be a comment explained in the details. Laboratory does not feel that the sample results are compromised.
K	Off-scale low. Actual value is known to be less than the value given.
L	Off-scale high. Actual value is known to be greater than value given.
M	Chemical Analysis: Presence of material is verified but not quantified; the actual value is less than the value given. The reported value shall be the laboratory practical quantitation limit. Species: Male sex
N	Presumptive evidence of presence of material
O	Sampled, but analysis was lost during sample preparation or sample analysis
Q	Sample is either received or analyzed after the holding time. An explanation will be included if the laboratory is at fault.
R	Significant rain in the past 48 hours.
S	Secchi disk visible to bottom of waterbody. The value reported is the depth of the waterbody at the location of the Secchi disk measurement.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes, only and shall not be used in statistical analysis.
U	Compound was analyzed for but not detected.
V	Analyte was detected in both the sample and the associated method blank.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present for accurate counting (TNTC), the numeric value shall be estimated from the highest dilution factor (smallest sample volume) used for the test and reported with the qualifier code.
?	Data is rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not analyzed due to interference.
!	Data deviates from historically established concentration ranges.
•	Not analyzed due to high chlorine content or matrix interference

For more detailed information see: Florida Administrative Code rule chapter 62-160 Table 62-160.700.
 History—New 1-1-91, Amended 2-4-93, 2-27-94, Formerly 17-160.700, Amended 3-24-96, 4-9-02, 6-8-04, 12-3-08, 7-30-14.

The Water Spigot

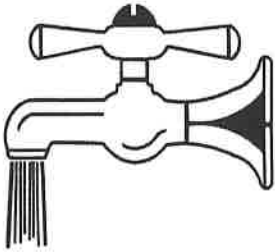
5806 E. Hwy. 22 * Panama City, FL 32404
 (850) 871-1900 * Fax (850) 871-9303
 Email: trish@thewaterspigot.com

No 95869

CHAIN OF CUSTODY RECORD

Company Name / Plant <i>Lighthouse Utilities</i>		# O F C O N T A I N E R S	Project Name <i>1st Quarter Water Quality</i>		Sample # <i>0513-012</i>																																																																																																																																																																									
Company Address <i>P.O. Box 428</i>			Lab Dispose <input checked="" type="checkbox"/> Return to Client <input type="checkbox"/> Other <input type="checkbox"/>		Container #																																																																																																																																																																									
City, State, Zip <i>Port St. Joe, FL 32457</i>			Send Report To:		Check If Rush																																																																																																																																																																									
Copy To DEP / DOH (circle one) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			Phone #: <i>227-5349</i>		Special Instructions																																																																																																																																																																									
Email Address: <i>LUCI2013@FAIRPOINT.NET</i>			Analysis Requested		P.O. #																																																																																																																																																																									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Sampling</th> <th colspan="2">Type</th> <th colspan="3">Matrix</th> <th rowspan="2">Sample Site (Be Specific)</th> <th rowspan="2">Analysis Requested</th> <th rowspan="2">Preservatives</th> <th rowspan="2">Containers</th> <th rowspan="2">Field Data</th> <th rowspan="2">Preservative Codes</th> </tr> <tr> <th>C</th> <th>G</th> <th>W</th> <th>S</th> <th>W</th> <th>S</th> </tr> <tr> <th>Date</th> <th>Time</th> <th>omp</th> <th>ater</th> <th>ludge</th> <th>ater</th> <th>oil</th> <th></th> <th></th> <th></th> <th>Temp.</th> <th>CL2</th> <th>pH</th> </tr> </thead> <tbody> <tr> <td><i>4-13-18</i></td> <td><i>1034</i></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> <td><i>FLUID 7521 AAA</i></td> <td><i>N</i></td> <td><i>P</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><i>16" well raw</i></td> <td><i>C</i></td> <td><i>P</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><i>4-13-18</i></td> <td><i>1035</i></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> <td><i>16" well raw</i></td> <td><i>C</i></td> <td><i>P</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><i>4-13-18</i></td> <td><i>1100</i></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> <td><i>FLUID AAG 9116</i></td> <td><i>C</i></td> <td><i>P</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><i>6" well Raw</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><i>4-13-18</i></td> <td><i>1102</i></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> <td><i>6" well raw</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Sampling	Type		Matrix			Sample Site (Be Specific)	Analysis Requested	Preservatives	Containers	Field Data	Preservative Codes	C	G	W	S	W	S	Date	Time	omp	ater	ludge	ater	oil				Temp.	CL2	pH	<i>4-13-18</i>	<i>1034</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<i>FLUID 7521 AAA</i>	<i>N</i>	<i>P</i>																					<i>16" well raw</i>	<i>C</i>	<i>P</i>														<i>4-13-18</i>	<i>1035</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<i>16" well raw</i>	<i>C</i>	<i>P</i>														<i>4-13-18</i>	<i>1100</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<i>FLUID AAG 9116</i>	<i>C</i>	<i>P</i>																					<i>6" well Raw</i>																<i>4-13-18</i>	<i>1102</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<i>6" well raw</i>																Temp. CL2 pH		Container Codes	
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Received in Lab By <i>J. Campbell</i>		Date <i>4/13/18</i>	Time <i>1135</i>	Remarks		Temp. Received in Lab: <i>6.90C</i>																																																																																																																																																																								

Distribution: Original - LAB Yellow - CLIENT



the water spigot, inc.

NELAC Laboratory Certification #E81105
5806 East Hwy. 22 * Panama City, Florida 32404
(850) 871-1900 * Fax (850)871-9303
trishj-waterspigit@comcast.net

Certificate of Analysis

Client Report For: Lighthouse Utilites
Attention: Larry McArdle
Client Address: P.O Box 428
Port St. Joe, FL 32456-

Report Date: August 16, 2018
LAB ID: WS18JUL17-012

Comment:

These test results meet all NELAC requirements for those parameters which require accreditation. Any exceptions or deviations from NELAC protocol are noted in this report. Any samples collected by Water Spigot personnel are done according to the latest revision of SOP-001/01. Any questions concerning this report should be directed to the person signing this report at (850) 871-1900, The Water Spigot, Inc., 5806 East Highway 22, Panama City, FL 32404. The test results in this report relate only to those specific samples listed.

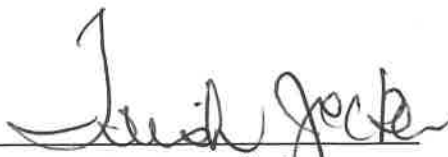
A statement of estimated uncertainty of test results is available on request. Analyses performed in the field are not regulated by the NELAC standards.

Results for solid sample are calculated and reported on a dry weight basis unless otherwise noted.

Results contained within this report relate only to the samples referenced in this report.

This report may not be reproduced except in full with written approval from the laboratory.

Approved By: _____


Trish Jackson, President

Date: _____

8-20-18

The Water Spigot
 5806 East Hwy. 22 Panama City, FL. 32404
 (850) 871-1900 F: (850) 871-9303
 NELAC Laboratory Certification: E81105

Client: Lighthouse Utilites
Lab ID: WS18JUL17-012-001
Recv By: Amy Hagan
Recv Dt: 7/17/2018 11:29

Client Sample ID: Lighthouse-FL7521 AAA
Collection Date: 7/13/2018 12:52
Matrix: AQUEOUS-Drinking
Sampler: M. Pope

Analyses

Sodium in water by FLAA

SM 3111 B

Batch: W-072318-001 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Sodium	9.8	1	5		mg/L
Dilution Factor	1				
Prep By	BS				
Prep Date/Time	07/23/2018 09:40				
Analyzed By	BS				
Analysis Date/Time	07/23/2018 09:52				

Chloride

SM 4500-CL-E (2011)

Batch: W-071218-049 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Chloride	6.8	1	4		mg/L
Dilution Factor	1				
Prep By	JSC				
Prep Date/Time	07/18/2018 08:30				
Analyzed By	jsc				
Analysis Date/Time	07/18/2018 15:30				

Filterable Residue

SM 2540 C (2011)

Batch: W-072618-015 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Total Dissolved Solids	210	1	2		mg/L
Dilution Factor	1				
Prep By	LW				
Prep Date/Time	07/18/2018 16:35				
Analyzed By	LW				
Analysis Date/Time	07/18/2018 16:35				

The Water Spigot
 5806 East Hwy. 22 Panama City, FL. 32404
 (850) 871-1900 F: (850) 871-9303
 NELAC Laboratory Certification: E81105

Data Qualifier	Qualifier Definition
B	Results based upon colony counts outside the acceptable range. Applies to microbiological tests and specifically to membrane filter colony counts. It is to be used if the colony count is generated from a plate in which the total number of colonies is outside the method indicated ideal range.
D	Measurement was made in the field.
E	Extra samples were taken at composite stations
G	Analyte was detected in both the sample and the associated field, equipment, or trip blank.
H	Value based on field kit determination; results may not be accurate.
I	The reported value is between the laboratory MDL and the laboratory PQL.
J	This qualifier is used when a QC sample does not meet the requirements in the method (ie: duplicate, spike, or control). There will always be a comment explained in the details. Laboratory does not feel that the sample results are compromised.
K	Off-scale low. Actual value is known to be less than the value given.
L	Off-scale high. Actual value is known to be greater than value given.
M	Chemical Analysis: Presence of material is verified but not quantified; the actual value is less than the value given. The reported value shall be the laboratory practical quantitation limit. Species: Male sex
N	Presumptive evidence of presence of material
O	Sampled, but analysis was lost during sample preparation or sample analysis
Q	Sample is either received or analyzed after the holding time. An explanation will be included if the laboratory is at fault.
R	Significant rain in the past 48 hours.
S	Secchi disk visible to bottom of waterbody. The value reported is the depth of the waterbody at the location of the Secchi disk measurement.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes, only and shall not be used in statistical analysis.
U	Compound was analyzed for but not detected.
V	Analyte was detected in both the sample and the associated method blank.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present for accurate counting (TNTC), the numeric value shall be estimated from the highest dilution factor (smallest sample volume) used for the test and reported with the qualifier code.
?	Data is rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not analyzed due to interference.
!	Data deviates from historically established concentration ranges.
•	Not analyzed due to high chlorine content or matrix interference

For more detailed information see: Florida Administrative Code rule chapter 62-160 Table 62-160.700.
 History—New 1-1-91, Amended 2-4-93, 2-27-94, Formerly 17-160.700, Amended 3-24-96, 4-9-02, 6-8-04, 12-3-08, 7-30-14.

The Water Spigot

5806 E. Hwy. 22 * Panama City, FL 32404
 (850) 871-1900 * Fax (850) 871-9303
 Email: trish@thewaterspigit.com

CHAIN OF CUSTODY RECORD

No 97382

Company Name / Plant <i>Lighthouse Utilities</i>		# O F C O N T A I N E R S	Project Name <i>3rd qtr. Water Quality</i>		Sample # <i>18JUL17-012</i>
Company Address <i>406 Marina Dr.</i>			Lab Dispose <input type="checkbox"/> Return to Client <input type="checkbox"/> Other <input type="checkbox"/>		Container #
City, State, Zip <i>Port St. Joe, Fl 32456</i>			Analysis Requested		Check If Rush
Send Report To: <i>Luci 2013@Fairpoint.net</i>					Special Instructions
Copy To DEP / DOH (circle one) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Phone #: <i>227-5349</i>		P.O. #	
Email Address:					
Sampling <i>EST</i> <i>7-13-18</i>		Type C o m p G r a b W a t e r S l u d g e W a t e r S o i l		Matrix W a t e r S l u d g e W a t e r S o i l	
Date		Time		Sample Site (Be Specific)	
<i>7-13-18</i>	<i>1252</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>1</i>	<i>FLUID T521 AAA 16" well raw</i>
<i>7-13-18</i>	<i>1255</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>1</i>	<i>FLUID AAG 9116 6" well out of service</i>
Sampled By & Title <i>M. Pope Certified Operator</i>		Date <i>7-13</i>		Time <i>1252</i>	
Received By		Relinquished By <i>[Signature]</i>		Date / Time <i>7-17-18 1129</i>	
Received By		Relinquished By		Date / Time	
Received By		Relinquished By		Date / Time	
Received By		Shipped VIA UPS <input type="checkbox"/> BUS <input checked="" type="checkbox"/> HAND <input type="checkbox"/> FED EX <input type="checkbox"/> OTHER <input type="checkbox"/>		Remarks	
Received In Lab By <i>[Signature]</i>		<i>7-17-18</i>		<i>1129</i>	
				Temp. Received in Lab: <i>2.9 / 3.3</i>	

Distribution: Original - LAB Yellow - CLIENT