

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: GADSDEN COUNTY SCHOOL BOARD
Attention:
Client Address: 35 Martin Luther King Blv
QUINCY, FL 32351-

Report Date: December 05, 2016
LAB ID: WS16NOV23-012

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.

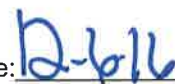
Results contained within this report relate only to the samples referenced in this report.

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

Approved By: _____


Trish Jackson, President

Date: _____



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

Client: GADSDEN COUNTY SCHOOL BOARD

Client Sample ID: Chattahoochee Elem.

Lab ID: WS16NOV23-012-001

Collection Date: 11/22/2016 09:50

Recv By: Ellen Peel

Matrix: AQUEOUS-Drinking

Recv Dt: 11/23/2016 12:50

Sampler: C. Reynolds

Analyses

Copper in water by FLAA

SM 3111 B

Batch: W-120516-041 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Copper	0.13	0.01	0.05		mg/L
Dilution Factor	1				
Prep By	TS				
Prep Date/Time	12/05/2016 14:53				
Analyzed By	TS				
Analysis Date/Time	12/05/2016 14:53				

Graphite Furnace Atomic Absorption Lead

EPA 200.9

Batch: W-112816-022 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Lead	0.001	0.001	0.005	U	mg/L
Dilution Factor	1				
Prep By	KCB				
Prep Date/Time	11/28/2016 08:00				
Analyzed By	KCB				
Analysis Date/Time	11/28/2016 13:00				

The Water Spigot
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Client: GADSDEN COUNTY SCHOOL BOARD **Client Sample ID:** St. Johns Elem.
Lab ID: WS16NOV23-012-002 **Collection Date:** 11/22/2016 10:15
Recv By: Ellen Peel **Matrix:** AQUEOUS-Drinking
Recv Dt: 11/23/2016 12:50 **Sampler:** C. Reynolds

Analyses

Copper in water by FLAA

SM 3111 B

Batch: W-120516-041 Run: 1

	<u>Result</u>	<u>Detection</u>	<u>Reporting</u>	<u>Qual</u>	<u>Unit</u>
		<u>Limit</u>	<u>Limit</u>		
Copper	0.01	0.01	0.05	U	mg/L
Dilution Factor	1				
Prep By	TS				
Prep Date/Time	12/05/2016 14:53				
Analyzed By	TS				
Analysis Date/Time	12/05/2016 14:53				

Graphite Furnace Atomic Absorption Lead

EPA 200.9

Batch: W-112816-022 Run: 1

	<u>Result</u>	<u>Detection</u>	<u>Reporting</u>	<u>Qual</u>	<u>Unit</u>
		<u>Limit</u>	<u>Limit</u>		
Lead	0.001	0.001	0.005	U	mg/L
Dilution Factor	1				
Prep By	KCB				
Prep Date/Time	11/28/2016 08:00				
Analyzed By	KCB				
Analysis Date/Time	11/28/2016 13:00				

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Client: GADSDEN COUNTY SCHOOL BOARD **Client Sample ID:** Gretna Elem
Lab ID: WS16NOV23-012-003 **Collection Date:** 11/22/2016 09:00
Recv By: Ellen Peel **Matrix:** AQUEOUS-Drinking
Recv Dt: 11/23/2016 12:50 **Sampler:** C. Reynolds

Analyses

Copper in water by FLAA

SM 3111 B

Batch: W-120516-041 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Copper	0.22	0.01	0.05		mg/L
Dilution Factor	1				
Prep By	TS				
Prep Date/Time	12/05/2016 14:53				
Analyzed By	TS				
Analysis Date/Time	12/05/2016 14:53				

Graphite Furnace Atomic Absorption Lead

EPA 200.9

Batch: W-112816-022 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Lead	0.001	0.001	0.005	U	mg/L
Dilution Factor	1				
Prep By	KCB				
Prep Date/Time	11/28/2016 08:00				
Analyzed By	KCB				
Analysis Date/Time	11/28/2016 13:00				

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Client: GADSDEN COUNTY SCHOOL BOARD **Client Sample ID:** Stewart St. Elem.
Lab ID: WS16NOV23-012-004 **Collection Date:** 11/22/2016 08:50
Recv By: Ellen Peel **Matrix:** AQUEOUS-Drinking
Recv Dt: 11/23/2016 12:50 **Sampler:** C. Reynolds

Analyses

Copper in water by FLAA

SM 3111 B

Batch: W-120516-041 Run: 1

	<u>Result</u>	<u>Detection</u> <u>Limit</u>	<u>Reporting</u> <u>Limit</u>	<u>Qual</u>	<u>Unit</u>
Copper	0.12	0.01	0.05		mg/L
Dilution Factor	1				
Prep By	TS				
Prep Date/Time	12/05/2016 14:53				
Analyzed By	TS				
Analysis Date/Time	12/05/2016 14:53				

Graphite Furnace Atomic Absorption Lead

EPA 200.9

Batch: W-112816-022 Run: 1

	<u>Result</u>	<u>Detection</u> <u>Limit</u>	<u>Reporting</u> <u>Limit</u>	<u>Qual</u>	<u>Unit</u>
Lead	0.001	0.001	0.005	U	mg/L
Dilution Factor	1				
Prep By	KCB				
Prep Date/Time	11/28/2016 08:00				
Analyzed By	KCB				
Analysis Date/Time	11/28/2016 13:00				

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Client: GADSDEN COUNTY SCHOOL BOARD **Client Sample ID:** GEMS Elem.
Lab ID: WS16NOV23-012-005 **Collection Date:** 11/22/2016 08:17
Recv By: Ellen Peel **Matrix:** AQUEOUS-Drinking
Recv Dt: 11/23/2016 12:50 **Sampler:** C. Reynolds

Analyses

Copper in water by FLAA

SM 3111 B

Batch: W-120516-041 Run: 1

	<u>Result</u>	<u>Detection</u>	<u>Reporting</u>	<u>Qual</u>	<u>Unit</u>
		<u>Limit</u>	<u>Limit</u>		
Copper	0.33	0.01	0.05		mg/L
Dilution Factor	1				
Prep By	TS				
Prep Date/Time	12/05/2016 14:53				
Analyzed By	TS				
Analysis Date/Time	12/05/2016 14:53				

Graphite Furnace Atomic Absorption Lead

EPA 200.9

Batch: W-112816-022 Run: 1

	<u>Result</u>	<u>Detection</u>	<u>Reporting</u>	<u>Qual</u>	<u>Unit</u>
		<u>Limit</u>	<u>Limit</u>		
Lead	0.001	0.001	0.005	U	mg/L
Dilution Factor	1				
Prep By	KCB				
Prep Date/Time	11/28/2016 08:00				
Analyzed By	KCB				
Analysis Date/Time	11/28/2016 13:00				

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Client: GADSDEN COUNTY SCHOOL BOARD
Lab ID: WS16NOV23-012-006
Recv By: Ellen Peel
Recv Dt: 11/23/2016 12:50

Client Sample ID: George W. Monroe Elem
Collection Date: 11/22/2016 08:30
Matrix: AQUEOUS-Drinking
Sampler: C. Reynolds

Analyses

Copper in water by FLAA

SM 3111 B

Batch: W-120516-041 Run: 1

	Result	Detection Limit	Reporting Limit	Qual	Unit
Copper	0.45	0.01	0.05		mg/L
Dilution Factor	1				
Prep By	TS				
Prep Date/Time	12/05/2016 14:53				
Analyzed By	TS				
Analysis Date/Time	12/05/2016 14:53				

Graphite Furnace Atomic Absorption Lead

EPA 200.9

Batch: W-112816-022 Run: 1

	Result	Detection Limit	Reporting Limit	Qual	Unit
Lead	0.001	0.001	0.005	U	mg/L
Dilution Factor	1				
Prep By	KCB				
Prep Date/Time	11/28/2016 08:00				
Analyzed By	KCB				
Analysis Date/Time	11/28/2016 13:00				

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Client: GADSDEN COUNTY SCHOOL BOARD **Client Sample ID:** Havana Middle School
Lab ID: WS16NOV23-012-007 **Collection Date:** 11/22/2016 10:46
Recv By: Ellen Peel **Matrix:** AQUEOUS-Drinking
Recv Dt: 11/23/2016 12:50 **Sampler:** C. Reynolds

Analyses

Copper in water by FLAA

SM 3111 B

Batch: W-120516-041 Run: 1

	<u>Result</u>	<u>Detection</u>	<u>Reporting</u>	<u>Qual</u>	<u>Unit</u>
		<u>Limit</u>	<u>Limit</u>		
Copper	0.21	0.01	0.05		mg/L
Dilution Factor	1				
Prep By	TS				
Prep Date/Time	12/05/2016 14:53				
Analyzed By	TS				
Analysis Date/Time	12/05/2016 14:53				

Graphite Furnace Atomic Absorption Lead

EPA 200.9

Batch: W-112816-022 Run: 1

	<u>Result</u>	<u>Detection</u>	<u>Reporting</u>	<u>Qual</u>	<u>Unit</u>
		<u>Limit</u>	<u>Limit</u>		
Lead	0.001	0.001	0.005	U	mg/L
Dilution Factor	1				
Prep By	KCB				
Prep Date/Time	11/28/2016 08:00				
Analyzed By	KCB				
Analysis Date/Time	11/28/2016 13:00				

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Client: GADSDEN COUNTY SCHOOL BOARD **Client Sample ID:** Shanks Middle School
Lab ID: WS16NOV23-012-008 **Collection Date:** 11/22/2016 08:35
Recv By: Ellen Peel **Matrix:** AQUEOUS-Drinking
Recv Dt: 11/23/2016 12:50 **Sampler:** C. Reynolds

Analyses

Copper in water by FLAA

SM 3111 B

Batch: W-120516-041 Run: 1

	Result	Detection Limit	Reporting Limit	Qual	Unit
Copper	0.01	0.01	0.05	U	mg/L
Dilution Factor	1				
Prep By	TS				
Prep Date/Time	12/05/2016 14:53				
Analyzed By	TS				
Analysis Date/Time	12/05/2016 14:53				

Graphite Furnace Atomic Absorption Lead

EPA 200.9

Batch: W-112816-022 Run: 1

	Result	Detection Limit	Reporting Limit	Qual	Unit
Lead	0.001	0.001	0.005	U	mg/L
Dilution Factor	1				
Prep By	KCB				
Prep Date/Time	11/28/2016 08:00				
Analyzed By	KCB				
Analysis Date/Time	11/28/2016 13:00				

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Client: GADSDEN COUNTY SCHOOL BOARD **Client Sample ID:** Carter Parramore
Lab ID: WS16NOV23-012-009 **Collection Date:** 11/22/2016 08:41
Recv By: Ellen Peel **Matrix:** AQUEOUS-Drinking
Recv Dt: 11/23/2016 12:50 **Sampler:** C. Reynolds

Analyses

Copper in water by FLAA

SM 3111 B

Batch: W-120516-041 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Copper	0.41	0.01	0.05		mg/L
Dilution Factor	1				
Prep By	TS				
Prep Date/Time	12/05/2016 14:53				
Analyzed By	TS				
Analysis Date/Time	12/05/2016 14:53				

Graphite Furnace Atomic Absorption Lead

EPA 200.9

Batch: W-112816-022 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Lead	0.001	0.001	0.005	U	mg/L
Dilution Factor	1				
Prep By	KCB				
Prep Date/Time	11/28/2016 08:00				
Analyzed By	KCB				
Analysis Date/Time	11/28/2016 13:00				

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 NELAC Laboratory Certification: E81105

Client: GADSDEN COUNTY SCHOOL BOARD **Client Sample ID:** Greensboro Elem.
Lab ID: WS16NOV23-012-010 **Collection Date:** 11/22/2016 09:20
Recv By: Ellen Peel **Matrix:** AQUEOUS-Drinking
Recv Dt: 11/23/2016 12:50 **Sampler:** C. Reynolds

Analyses

Copper in water by FLAA

SM 3111 B

Batch: W-120516-041 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Copper	0.25	0.01	0.05		mg/L
Dilution Factor	1				
Prep By	TS				
Prep Date/Time	12/05/2016 14:53				
Analyzed By	TS				
Analysis Date/Time	12/05/2016 14:53				

Graphite Furnace Atomic Absorption Lead

EPA 200.9

Batch: W-112816-022 Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Lead	0.001	0.001	0.005	U	mg/L
Dilution Factor	1				
Prep By	KCB				
Prep Date/Time	11/28/2016 08:00				
Analyzed By	KCB				
Analysis Date/Time	11/28/2016 13:00				

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Data Qualifier	Qualifier Definition
A	Value reported is the mean (average) of two or more determinations.
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	Estimated value; value not accurate. All results with a "J" qualifier require comment.
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 lost or not performed
Q	Sample held beyond the accepted holding time
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.

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

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 Email: trishj-waterspigit@comcast.net

NO 87497

CHAIN OF CUSTODY RECORD

Company Name / Plant <i>Seashore Water Sys.</i>				Project Name <i>Catfish County School Board</i>		Sample # <i>NOV23-012</i>						
Company Address <i>1255 Old Philadelphia Church Rd.</i>				Lab Dispose <input checked="" type="checkbox"/> Return to Client <input type="checkbox"/> Other <input type="checkbox"/>		Container #						
City, State, Zip <i>Quincy, FL 32352</i>				Analysis Requested		Check If Rush						
Sent Report To: <i>None</i>				Preservatives		Special Instructions						
Copy To DEP / DOH (circle one) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				Containers		P.O. #						
Phone # <i>850-627-8884</i>				Analysis Requested <i>Lead Copper</i>		Field Data						
Fax #				Temp. CL2		pH						
Fax Results Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				Temp. CL2		pH						
Email Address <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				Temp. CL2		pH						
Sampling	Date	Time	Type	Matrix	Sample Site (Be Specific)	#	Project Name	Lab Dispose	Return to Client	Other	Analysis Requested	Preservative Codes
<i>11/23/16 0950</i>			<i>V</i>		<i>Chattahoochee Elem.</i>	<i>1</i>					<i>1116-1321</i>	<i>MS</i>
<i>11/23/16 1015</i>			<i>V</i>		<i>St. Johns Elem.</i>	<i>1</i>					<i>1116-1322</i>	
<i>11/23/16 0906</i>			<i>V</i>		<i>Gretchen Elem.</i>	<i>1</i>					<i>1116-1323</i>	
<i>11/23/16 0850</i>			<i>V</i>		<i>Stewart-St. Elem.</i>	<i>1</i>					<i>1116-1324</i>	
<i>11/23/16 0817</i>			<i>V</i>		<i>GEAMS Elem.</i>	<i>1</i>					<i>1116-1325</i>	
<i>11/23/16 0830</i>			<i>V</i>		<i>George W. Moore Elem.</i>	<i>1</i>					<i>1116-1326</i>	
<i>11/23/16 1046</i>			<i>V</i>		<i>Havana Middle School</i>	<i>1</i>					<i>1116-1327</i>	
<i>11/23/16 0835</i>			<i>V</i>		<i>Shanks Middle School</i>	<i>1</i>					<i>1116-1328</i>	
<i>11/23/16 0841</i>			<i>V</i>		<i>Center Paramore</i>	<i>1</i>					<i>1116-1329</i>	
<i>11/23/16 0920</i>			<i>V</i>		<i>Greenstone Elem.</i>	<i>1</i>					<i>1116-1330</i>	
Sampled By & Title <i>Carl Reynolds Operator</i>				Date <i>11-23-16</i>		Time <i>11:20</i>						
Received By <i>Don Boss</i>				Date <i>11-23-16</i>		Time <i>11:20</i>						
Relinquished By				Date / Time <i>11/23/16 1300</i>								
Relinquished By <i>Carl Reynolds</i>				Date / Time <i>11-23-16 12:50</i>								
Relinquished By				Date / Time								
Shipped Via UPS <input type="checkbox"/> BUS <input type="checkbox"/> HAND <input checked="" type="checkbox"/> FED EX <input type="checkbox"/> OTHER <input type="checkbox"/>				Temp. Received in Lab: <i>1.1</i>								
Remarks <i>m. Pool 11-23-16 1350</i>												

Distribution: Original - LAB Yellow - CLIENT