

General Environmental Laboratories, Inc.

P.O. Box 21866
Hilton Head Island, SC 29925

Phone 843.208.2006

Fax 843.208.2006

121 Mead Road
Suite E
Hardeeville, SC 29927

REPORT OF ANALYSIS

Client: BEAUFORT COUNTY SCHOOLS
ATTN: ED MILLER
2900 MINK PT. BLVD
BEAUFORT, SC 29902

Report Number: 17-0107
Project Name: BEAUFORT COUNTY SCHOOLS
Client Project Number: N/A
Sample Matrix: DRINKING WATER
Sampled By: ED MILLER (CLIENT)
Report Date: 02-22-2017

SAMPLE IDENTIFICATION	LAB SAMPLE ID	COLLECTION DATE AND TIME	DATE AND TIME RECEIVED
#2 RVCS A03 sink-hot	17-0107-1	02/09/17 06:36	02/09/17 10:56
#1 RVCS A03 sink-cold	17-0107-2	02/09/17 06:35	02/09/17 10:56
#3 RVCS fountain by A12	17-0107-3	02/09/17 06:41	02/09/17 10:56
#4 RVCS left fountain by Rm. 32	17-0107-4	02/09/17 06:44	02/09/17 10:56
#5 RVCS fountain between 3-4 restrooms at B-C connector	17-0107-5	02/09/17 06:48	02/09/17 10:56
#6 Kitchen L prep. sink-cold	17-0107-6	02/09/17 06:51	02/09/17 10:56
D1 DESC – support service hall fountain	17-0107-7	02/09/17 07:07	02/09/17 10:56
D2 DESC – IA right reception fountain	17-0107-8	02/09/17 07:10	02/09/17 10:56
D3 DESC – IA left reception fountain	17-0107-9	02/09/17 07:11	02/09/17 10:56
D4 DESC – breakroom sink-cold	17-0107-10	02/09/17 07:15	02/09/17 10:56
D5 DESC – fountain by C519 breakroom	17-0107-11	02/09/17 07:18	02/09/17 10:56
D6 DESC – fountain by A200	17-0107-12	02/09/17 07:22	02/09/17 10:56
D7 DESC – fountain by B420	17-0107-13	02/09/17 07:25	02/09/17 10:56
D8 DESC – sink B422 – mix value	17-0107-14	02/09/17 07:28	02/09/17 10:56
D9 DESC – fountain by C625	17-0107-15	02/09/17 07:33	02/09/17 10:56
D10 DESC – fountain by C515	17-0107-16	02/09/17 07:36	02/09/17 10:56

Released by: _____



Sheila Patel
Director of Laboratory Operations

S.C. Laboratory Certification: 27553001

Sample Narrative
Report Number: 17-0107
Project Name: Beaufort County Schools
Client Project Number: N/A

Comments:

All samples were received in good condition within temperature requirements.
All samples were received within sample holding time for analysis.

Qualifier and Qualifier Description

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

G = Analyzed by SC Laboratory Certification: 98001.

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REPORT OF ANALYSIS

Lab Sample ID: 17-0107-1
Client Sample ID: #2 RVCS A03 sink-hot
Sample Matrix: Drinking Water

Date/Time Collected: 02/09/2017 06:36
Date/Time Received: 02/09/2017 10:56

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.88	ug/L	G	0.30	0.060	02/15/17 17:04	1
Method: 200.8 – Metals (ICP/MS)							

Lab Sample ID: 17-0107-2
Client Sample ID: #1 RVCS A03 sink-cold
Sample Matrix: Drinking Water

Date/Time Collected: 02/09/2017 06:35
Date/Time Received: 02/09/2017 10:56

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.11	ug/L	J,G	0.30	0.060	02/15/17 17:02	1
Method: 200.8 – Metals (ICP/MS)							

Lab Sample ID: 17-0107-3
Client Sample ID: #3 RVCS fountain by A12
Sample Matrix: Drinking Water

Date/Time Collected: 02/09/2017 06:41
Date/Time Received: 02/09/2017 10:56

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.23	ug/L	J,G	0.30	0.060	02/15/17 16:59	1
Method: 200.8 – Metals (ICP/MS)							

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REPORT OF ANALYSIS

Lab Sample ID: 17-0107-4
Client Sample ID: #4 RVCS left fountain by Rm. 32
Sample Matrix: Drinking Water

Date/Time Collected: 02/09/2017 06:44
Date/Time Received: 02/09/2017 10:56

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.13	ug/L	J,G	0.30	0.060	02/15/17 16:57	1
Method: 200.8 – Metals (ICP/MS)							

Lab Sample ID: 17-0107-5
Client Sample ID: #5 Fountain between 3-4 restrooms B-C connector
Sample Matrix: Drinking Water

Date/Time Collected: 02/09/2017 06:48
Date/Time Received: 02/09/2017 10:56

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.16	ug/L	J,G	0.30	0.060	02/15/17 16:54	1
Method: 200.8 – Metals (ICP/MS)							

Lab Sample ID: 17-0107-6
Client Sample ID: #6 Kitchen L prep. sink-cold
Sample Matrix: Drinking Water

Date/Time Collected: 02/09/2017 06:51
Date/Time Received: 02/09/2017 10:56

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.17	ug/L	J,G	0.30	0.060	02/15/17 16:51	1
Method: 200.8 – Metals (ICP/MS)							

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REPORT OF ANALYSIS

Lab Sample ID: 17-0107-7
Client Sample ID: D1 DESC - support service hall fountain
Sample Matrix: Drinking Water

Date/Time Collected: 02/09/2017 07:07
Date/Time Received: 02/09/2017 10:56

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	3.9	ug/L	G	0.30	0.060	02/15/17 16:38	1
Method: 200.8 – Metals (ICP/MS)							

Lab Sample ID: 17-0107-8
Client Sample ID: D2 DESC - IA right reception fountain
Sample Matrix: Drinking Water

Date/Time Collected: 02/09/2017 07:10
Date/Time Received: 02/09/2017 10:56

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.14	ug/L	J,G	0.30	0.060	02/15/17 16:25	1
Method: 200.8 – Metals (ICP/MS)							

Lab Sample ID: 17-0107-9
Client Sample ID: D3 DESC - IA left reception fountain
Sample Matrix: Drinking Water

Date/Time Collected: 02/09/2017 07:11
Date/Time Received: 02/09/2017 10:56

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.13	ug/L	J,G	0.30	0.060	02/15/17 17:28	1
Method: 200.8 – Metals (ICP/MS)							

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REPORT OF ANALYSIS

Lab Sample ID: 17-0107-10
Client Sample ID: D4 DESC - breakroom sink-cold
Sample Matrix: Drinking Water

Date/Time Collected: 02/09/2017 07:15
Date/Time Received: 02/09/2017 10:56

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.31	ug/L	G	0.30	0.060	02/15/17 17:25	1
Method: 200.8 – Metals (ICP/MS)							

Lab Sample ID: 17-0107-11
Client Sample ID: D5 DESC - fountain by C519 breakroom
Sample Matrix: Drinking Water

Date/Time Collected: 02/09/2017 07:18
Date/Time Received: 02/09/2017 10:56

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.24	ug/L	J,G	0.30	0.060	02/15/17 17:23	1
Method: 200.8 – Metals (ICP/MS)							

Lab Sample ID: 17-0107-12
Client Sample ID: D6 DESC - fountain by A200
Sample Matrix: Drinking Water

Date/Time Collected: 02/09/2017 07:22
Date/Time Received: 02/09/2017 10:56

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.64	ug/L	G	0.30	0.060	02/15/17 17:15	1
Method: 200.8 – Metals (ICP/MS)							

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REPORT OF ANALYSIS

Lab Sample ID: 17-0107-13
Client Sample ID: D7 DESC - fountain by B420
Sample Matrix: Drinking Water

Date/Time Collected: 02/09/2017 07:25
Date/Time Received: 02/09/2017 10:56

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	1.0	ug/L	G	0.30	0.060	02/15/17 17:12	1
Method: 200.8 – Metals (ICP/MS)							

Lab Sample ID: 17-0107-14
Client Sample ID: D8 DESC - sink B422 - mix value
Sample Matrix: Drinking Water

Date/Time Collected: 02/09/2017 07:28
Date/Time Received: 02/09/2017 10:56

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	4.4	ug/L	G	0.30	0.060	02/15/17 17:10	1
Method: 200.8 – Metals (ICP/MS)							

Lab Sample ID: 17-0107-15
Client Sample ID: D9 DESC - fountain by C625
Sample Matrix: Drinking Water

Date/Time Collected: 02/09/2017 07:33
Date/Time Received: 02/09/2017 10:56

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	59	ug/L	G	0.30	0.060	02/15/17 18:26	1
Method: 200.8 – Metals (ICP/MS)							

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REPORT OF ANALYSIS

Lab Sample ID: 17-0107-16
Client Sample ID: D10 DESC - fountain by C515
Sample Matrix: Drinking Water

Date/Time Collected: 02/09/2017 07:36

Date/Time Received: 02/09/2017 10:56

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.33	ug/L	G	0.30	0.060	02/15/17 17:07	1
Method: 200.8 – Metals (ICP/MS)							

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CHAIN OF CUSTODY RECORD

PAGE ____ OF ____

Client: <u>Beaufort County Schools</u>		Project No: <u>17-0107</u>		COMPLIANCE MONITORING: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
Report Address: <u>2900 Sink Rd Blvd</u>		Invoice Address:		<input checked="" type="checkbox"/> Regulatory <input type="checkbox"/> 24 hours <input type="checkbox"/> 48 hours <input type="checkbox"/> 5 days <input checked="" type="checkbox"/> Routine	
Attn: <u>Ed Miller</u>		Attn:			
Phone No: <u>843-812-2290</u>		Sampled by: <u>Ed Miller</u>			
Fax No:		PO No:			
Contact e-mail: <u>ed.miller@beaufort.k12.sc.us</u>		Billing e-mail:			
Preservation Used: 1 = None-Cool <6°C; 2 = Na ₂ S ₂ O ₅ /Ice; 3 = H ₂ SO ₄ ; 4 = HCl; 5 = HNO ₃ ; 6 = Other _____ Container Type: P = Plastic; G = Glass					

Sample ID	Sample Description	Date Sampled	Time Sampled	No. of Containers	Container Type	Grab	Composite	Wastewater	Groundwater	Drinking Water	Other:	Analysis Required			
												PRESERVATIVE			
#1	RUCS A03 Sink-cold											5			
#2	RUCS A03 Sink hot	02/09/07	0636	1	P	✓				✓		LEAD			
#1	RUCS A03 Sink cold	02/09/07	0635	1	P	✓									
#3	RUCS fountain by A12	02/09/07	0641	1	P	✓									
#4	RUCS-left fountain by rm 32	02/09/07	0644	1	P	✓									
#5	fountain between 3-4 restrooms-13-C connector	02/09/07	0648	1	P	✓									
#6	Kitchen & Prep sink-cold	02/09/07	0651	1	P	✓				✓					

Composite Start Date/Time:		Composite End Date/Time:		Composite Temp °C:	
1. Relinquished By: <u>Ed Miller</u>		Date: <u>2/9/17</u>		Time: <u>10:56</u>	
2. Relinquished By:		Date:		Time:	
1. Received By:		Date:		Time:	
2. Received by GEL:		Date:		Time:	
Comments:		Received on ice (circle): <u>(Yes)</u> No		Ice Pack	
		Date: <u>2/9/17</u>		Time: <u>10:56</u>	
		Receipt Temp °C:		<u>54</u>	

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CHAIN OF CUSTODY RECORD

PAGE ____ OF ____

Client: <u>Beaufort County Schools</u>		Project No: <u>17-0107</u>	
Report Address: <u>2900 Nink Pt Blvd.</u>		Invoice Address:	
Attn: <u>Beaufort SC</u>		Attn:	
Phone No: <u>843-812-2290</u>		Sampled by: <u>Ed Miller</u>	
Fax No:		PO No:	
Contact e-mail: <u>ed.miller@beaufort.k12.sc.us</u>		Billing e-mail:	
Preservation Used: 1 = None-Cool <6°C; 2 = Na ₂ S ₂ O ₅ /Ice; 3 = H ₂ SO ₄ ; 4 = HCl; 5 = HNO ₃ ; 6 = Other _____ Container Type: P = Plastic; G = Glass			

Sample ID	Sample Description	Date Sampled	Time Sampled	No. of Containers	Container Type	Grab	Composite	PRESERVATIVE					Analysis Required
								Wastewater	Groundwater	Drinking Water	Other:		
-1 D2	DESC-Support Serv. Hall Fountain	07/09/17	0707	1	P	✓		✓				LEAD	
-8 D2	DESC-IA Right Reception Fountain	07/09/17	0710	1		✓							
-9 D3	DESC-IA Left Reception Fountain	07/09/17	0711	1		✓							
-10 D4	DESC-breakroom sink cold	07/09/17	0715	1		✓							
-11 D5	DESC Fountain by C519 breakroom	07/09/17	0718	1		✓							
-12 D6	DESC Fountain by A200	07/09/17	0722	1		✓							
-13 D7	DESC Fountain by B3420	07/09/17	0725	1		✓							
-14 D8	DESC Sink B3422-mix valve	07/09/17	0728	1	✓			✓					

Composite Start Date/Time:		Composite End Date/Time:		Composite Temp °C	
1. Relinquished By: <u>Ed Miller</u>		Date: <u>7/9/17</u>		Time: <u>10:56</u>	
2. Relinquished By:		Date:		Time:	
Comments:		1. Received By:		Date:	
		2. Received By: <u>Kevin O'Neil</u>		Date: <u>7/9/17</u>	
		Date:		Time:	
Received on Ice (circle): <u>Yes</u> No Ice Pack		Receipt Temp °C		<u>5.4</u>	

COMPLIANCE MONITORING: YES ____ NO ____
☐ Regulatory ☒ Non-Regulatory
☐ 24 hours ☐ 48 Hours
☐ 15 days ☒ Routine

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CHAIN OF CUSTODY RECORD

PAGE OF

Client: <u>Beaufort County Schools</u>		Project No: <u>17-007</u>		COMPLIANCE MONITORING: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>								
Report Address: <u>2900 Mtn Pt Blvd</u>		Invoice Address:		Regulatory <input type="checkbox"/> Non-Regulatory <input checked="" type="checkbox"/>								
Attn: <u>Ed Miller</u>		Attn:		24 hours <input type="checkbox"/> 48 hours <input type="checkbox"/> Routine <input checked="" type="checkbox"/>								
Phone No: <u>843-812-2290</u>		Sampled by: <u>Ed Miller</u>										
Fax No:		PO No:										
Contact e-mail: <u>ed.miller@beaufort.k12.sc.us</u>		Billing e-mail:										
Preservation Used: 1 = None-Cool $\leq 6^{\circ}\text{C}$; 2 = $\text{Na}_2\text{S}_2\text{O}_5$ /Ice; 3 = H_2SO_4 ; 4 = HCl; 5 = HNO_3 ; 6 = Other _____												
Container Type: P = Plastic; G = Glass												
Sample ID	Sample Description	Date Sampled	Time Sampled	No. of Containers	Container Type	Grab	Composite	Wastewater	Groundwater	Drinking Water	Other:	Analysis Required
-15 D9	DESSC-Fountain by C625	02/09/17	0733	1	P	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	LEAD	
-16 D10	DESSC-Fountain by C515	02/09/17	0736	1	P	<input checked="" type="checkbox"/>						
Composite Start Date/Time:		Composite End Date/Time:		Composite Temp $^{\circ}\text{C}$								
1. Relinquished By: <u>Ed Miller</u>		Date	Time	1. Received By:		Date	Time					
2. Relinquished By:		Date	Time	2. Received by GELI: <u>Heidi Stadel</u>		Date	Time					
Comments:		Received on ice (circle): Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Ice Pack						Receipt Temp $^{\circ}\text{C}$ 5.4				