

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: 18-0082
Project Name: BEAUFORT COUNTY SCHOOL DISTRICT
Client Project Number: 217645-44
Sample Matrix: DRINKING WATER
Sampled By: MATT MILBURN (CLIENT)
Report Date: 02-21-2018

JSKS

SAMPLE IDENTIFICATION	LAB SAMPLE ID	COLLECTION DATE AND TIME	DATE AND TIME RECEIVED
44-01 Left Room by Library 1.2	18-0082-1	02/06/18 10:22	02/06/18 11:50
44-02 Main Hall before Rm. 142 0.099	18-0082-2	02/06/18 10:27	02/06/18 11:50
44-03 Cafeteria Left 0.33	18-0082-3	02/06/18 10:30	02/06/18 11:50
44-05 In Front of 324 0.12	18-0082-4	02/06/18 10:35	02/06/18 11:50
44-06 Next to 310 0	18-0082-5	02/06/18 10:37	02/06/18 11:50
44-07 In Front of 432 0.18	18-0082-6	02/06/18 10:40	02/06/18 11:50
44-08 In Front of 412 1.0	18-0082-7	02/06/18 10:42	02/06/18 11:50
44-09 Outside by Play Ground 1.3	18-0082-8	02/06/18 10:46	02/06/18 11:50
44-10 In Front of 533 0.14	18-0082-9	02/06/18 10:50	02/06/18 11:50
44-11 In Front of 510 0.62	18-0082-10	02/06/18 10:55	02/06/18 11:50

Released by:


Sheila Patel
Director of Laboratory Operations

S.C. Laboratory Certification: 27553001

Sample Narrative
Report Number: 18-0082
Project Name: BSCD
Client Project Number: 217645-44

Comments:

Samples were received in good condition.
Sample were received outside of $<6^{\circ}\text{C}$ 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.

U = The analyte was analyzed for but not detected in the sample.

G = Analyzed by SC Laboratory Certification: 98001.

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REPORT OF ANALYSIS

Lab Sample ID: 18-0082-1
Client Sample ID: 44-01 Left Room by Library
Sample Matrix: Drinking Water

Date/Time Collected: 02/06/2018 10:22
Date/Time Received: 02/06/2018 11:50

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	1.2	ug/L	G	0.30	0.060	02/09/18 10:54	1

Method: 200.8 – Metals (ICP/MS)

Lab Sample ID: 18-0082-2
Client Sample ID: 44-02 Main Hall before Rm. 142
Sample Matrix: Drinking Water

Date/Time Collected: 02/06/2018 10:27
Date/Time Received: 02/06/2018 11:50

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.099	ug/L	J,G	0.30	0.060	02/09/18 11:48	1

Method: 200.8 – Metals (ICP/MS)

Lab Sample ID: 18-0082-3
Client Sample ID: 44-03 Cafeteria Left
Sample Matrix: Drinking Water

Date/Time Collected: 02/06/2018 10:30
Date/Time Received: 02/06/2018 11:50

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.33	ug/L	G	0.30	0.060	02/09/18 11:12	1

Method: 200.8 – Metals (ICP/MS)

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REPORT OF ANALYSIS

Lab Sample ID: 18-0082-4
Client Sample ID: 44-05 In Front of 324
Sample Matrix: Drinking Water

Date/Time Collected: 02/06/2018 10:35
Date/Time Received: 02/06/2018 11:50

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.12	ug/L	J,G	0.30	0.060	02/09/18 11:59	1
Method: 200.8 – Metals (ICP/MS)							

Lab Sample ID: 18-0082-5
Client Sample ID: 44-06 Next to 310
Sample Matrix: Drinking Water

Date/Time Collected: 02/06/2018 10:37
Date/Time Received: 02/06/2018 11:50

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	<0.060	ug/L	U,G	0.30	0.060	02/09/18 12:13	1
Method: 200.8 – Metals (ICP/MS)							

Lab Sample ID: 18-0082-6
Client Sample ID: 44-07 In Front of 432
Sample Matrix: Drinking Water

Date/Time Collected: 02/06/2018 10:40
Date/Time Received: 02/06/2018 11:50

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.18	ug/L	J,G	0.30	0.060	02/09/18 11:55	1
Method: 200.8 – Metals (ICP/MS)							

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REPORT OF ANALYSIS

Lab Sample ID: 18-0082-7
Client Sample ID: 44-08 In front of 412
Sample Matrix: Drinking Water

Date/Time Collected: 02/06/2018 10:42
Date/Time Received: 02/06/2018 11:50

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	1.0	ug/L	G	0.30	0.060	02/16/18 13:27	1
Method: 200.8 – Metals (ICP/MS)							

Lab Sample ID: 18-0082-8
Client Sample ID: 44-09 Outside by Play Ground
Sample Matrix: Drinking Water

Date/Time Collected: 02/06/2018 10:46
Date/Time Received: 02/06/2018 11:50

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	1.3	ug/L	G	0.30	0.060	02/09/18 11:51	1
Method: 200.8 – Metals (ICP/MS)							

Lab Sample ID: 18-0082-9
Client Sample ID: 44-10 In Front of 533
Sample Matrix: Drinking Water

Date/Time Collected: 02/06/2018 10:50
Date/Time Received: 02/06/2018 11:50

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.14	ug/L	J,G	0.30	0.060	02/09/18 11:41	1
Method: 200.8 – Metals (ICP/MS)							

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REPORT OF ANALYSIS

Lab Sample ID: 18-0082-10
Client Sample ID: 44-11 In front of 510
Sample Matrix: Drinking Water

Date/Time Collected: 02/06/2018 10:55
Date/Time Received: 02/06/2018 11:50

Analyte	Result	Unit	Qualifier	RL	MDL	Analyzed	Dil Fac
Lead	0.62	ug/L	G	0.30	0.060	02/09/18 12:09	1
Method: 200.8 – Metals (ICP/MS)							

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CHAIN OF CUSTODY RECORD

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PAGE ____ OF ____

Client: BOSD	Project No: 18-0082	COMPLIANCE MONITORING: YES ____ NO ____ <input type="checkbox"/> Regulatory <input checked="" type="checkbox"/> Non-Regulatory <input type="checkbox"/> 24 hours <input type="checkbox"/> 48 hours <input checked="" type="checkbox"/> Routine <input type="checkbox"/> 5 days
Report Address: EO Miller	Invoice Address:	
Alt:	Alt:	
Phone No:	Sampled by: Matt Miller	
Fax No:	PO No: 217645-44	
Contact e-mail:	Billing e-mail:	

Preservation Used: 1 = None-Cool $\leq 6^{\circ}\text{C}$; 2 = Na₂S₂O₅/Ice; 3 = H₂SO₄; 4 = HCl; 5 = HNO₃; 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:								
44-01	Left Room by Library	2-6-18	10:22	1	P	✓				✓									
44-02	Main hall before room 442	2-6-18	10:27	1	P														
44-03	Cafeteria Left	2-6-18	10:30	1	P														
44-04	Cafeteria Right ^{over} 324	2-6-18	10:33	1	P						→	Normal							
44-05	In front of 324	2-6-18	10:35	1	P														
44-06	Next to 310	2-6-18	10:37	1	P														
44-07	In front of 452	2-6-18	10:40	1	P														
44-08	In front of 412	2-6-18	10:42	1	P	✓				✓									
Composite Start Date/Time:		Composite End Date/Time:		Composite Temp °C															
1. Relinquished By: <u>Matt Miller</u>		Date: 2-6-18	Time: 11:50	1. Received By:		Date:		Time:											
2. Relinquished By:		Date:	Time:	2. Received by GELI: <u>Heidi O'Connell</u>		Date: 2/6/18		Time: 11:50											
Comments: 44-04 CAPTAIN PLANT OUT OF ORDER - NO SAMPLE																			
Received on ice (circle): <input checked="" type="radio"/> Yes <input type="radio"/> No Ice Pack										Receipt Temp °C: 12.6									

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CHAIN OF CUSTODY RECORD

PAGE OF

Client: <u>BSD</u>		Project No: <u>18-0082</u>		COMPLIANCE MONITORING: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>															
Report Address: <u>Ed Miller</u>		Invoice Address:		<input type="checkbox"/> Regulatory <input checked="" type="checkbox"/> Non-Regulatory <input type="checkbox"/> 24 hours <input type="checkbox"/> 48 hours <input type="checkbox"/> 5 days <input checked="" type="checkbox"/> Routine															
Alt:		Alt:																	
Phone No:		Sampled by: <u>Math Milburn - Matt Mull</u>																	
Fax No:		PO No: <u>217645-44</u>																	
Contact e-mail:		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				PRESERVATIVE <u>5</u> Analysis Required															
Sample ID	Sample Description	Date Sampled	Time Sampled	No. of Containers	Container Type	Grab	Composite	Wastewater	Groundwater	Drinking Water	Other:								
-8 44-09	outside by playground	2-6-18	10:46	1	P	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							
4 44-10	In front of 533	2-6-18	10:50	1	P	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							
-10 44-11	In front of 510	2-6-18	10:55	1	P	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							
Composite Start Date/Time:		Composite End Date/Time:		Composite Temp $^{\circ}\text{C}$															
1. Relinquished By:		Date		Time		1. Received By:		Date		Time									
2. Relinquished By: <u>Matt Mull</u>		2-6-18		11:50		2. Received by GELI: <u>Kevin Adell</u>		2/6/18		11:50									
Comments:												Received on ice (circle): Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Ice Pack							
												Receipt Temp $^{\circ}\text{C}$ <u>12.6</u>							