

July 3, 2017

Mr. Jeff Sharpe  
Coordinator of Support Services  
Galax City Public Schools  
223 Long Street  
Galax, Virginia 24333



**RE: Lead Drinking Water Sampling – DRAFT REPORT**  
**Galax City Public Schools**  
**Project No.: IHRO170085.00**

Dear Mr. Sharpe:

The EI Group, Inc (EI) was contracted to perform drinking water sampling at the following schools:

- Galax Elementary School
- Galax Middle School
- Galax High School
- Galax Schools' Bus Garage

This survey was performed by Mr. Eric Cureton, an EI Industrial Hygienist, on June 27, 2017. The purpose of this assessment was to determine if drinking water for the above schools contained lead in excess of the regulated levels.

During the assessment one (1) sample was collected from each cold water supply fixture used for drinking or cooking at each of the above schools. Each sample was sealed in its own plastic jar, and delivered by Mr. Cureton on the day of the survey to REI Consultants, Inc (REIC) in Roanoke, Virginia. REIC is accredited by the Virginia Environmental Laboratory Accreditation Program (VELAP) for Drinking Water (VELAP ID 00281).

Sample results indicate water samples meet all regulatory guidelines and regulations. See Table 1: Drinking Water Sampling Results, below for specific sampling locations and results.

**Table 1: Lead Drinking Water Sampling Results  
Galax Schools Bus Garage  
Survey Date: June 27, 2017**

Sample No.	Sample Location	Result (mg/L)	EPA Criteria (mg/L)	Exceedance?
BG-01	Garage Fountain	0.0010	0.02	NO
BG-02	2 <sup>nd</sup> floor – Hallway Fountain	0.0009	0.02	NO
BG-03	Home Econ – South Sink	0.0002	0.02	NO
BG-04	Home Econ – Middle Sink	None Detected	0.02	NO
BG-05	Home Econ – North Sink	0.0002	0.02	NO
BG-06	Home Econ – Far North Sink (with handwashing signage)	0.0002	0.02	NO
BG-07	2 <sup>nd</sup> Floor – Hallway Fountain by CCEC Office	0.0011	0.02	NO
mg/L = ppb mg/L = milligrams per liter ppb = Parts Per Billion				

**Table 2: Lead Drinking Water Sampling Results  
Galax Elementary School  
Survey Date: June 27, 2017**

Sample No.	Sample Location	Result (mg/L)	EPA Criteria (mg/L)	Exceedance?
<b>GES-01</b>	<b>Cafeteria Kitchen Cooking Prep Sink</b>	<b>0.0554</b>	<b>0.02</b>	<b>YES</b>
GES-02	Steam Kettle Hose	0.0016	0.02	NO
GES-03	Small Kitchen Sink	0.0015	0.02	NO
GES-04	1 <sup>st</sup> Floor Hall Fountain	0.0024	0.02	NO
GES-05	1 <sup>st</sup> Floor Hall Fountain between rooms G04 & G03	0.0015	0.02	NO
GES-06	Class Room G06 Drinking Tap	0.0072	0.02	NO
GES-07	Class Room G05 Drinking Tap	0.0022	0.02	NO
<b>GES-08</b>	<b>Class Room G04 Drinking Tap</b>	<b>0.0657</b>	<b>0.02</b>	<b>YES</b>
GES-09	Class Room G03 Drinking Tap	0.0021	0.02	NO
GES-10	Class Room G02 Drinking Tap	0.0026	0.02	NO
GES-11	Class Room G01 Drinking Tap	0.0007	0.02	NO
GES-12	1 <sup>st</sup> Floor Hall Fountain	None Detected	0.02	NO
GES-13	Room 120 Drinking Tap	0.0005	0.02	NO
GES-14	Room 119 Drinking Tap	0.001	0.02	NO
GES-15	Room 118 Drinking Tap	0.0012	0.02	NO
GES-16	2 <sup>nd</sup> Floor Hall Fountain – Between Rooms 116 & 117	0.0098	0.02	NO
GES-17	Room 116 Drinking Tap	0.0006	0.02	NO
GES-18	Room 115 Drinking Tap	0.0045	0.02	NO
GES-19	Room 114 Drinking Tap	0.0009	0.02	NO
GES-20	Nurses' Office Sink	0.0031	0.02	NO
GES-21	3 <sup>rd</sup> Floor Hallway Fountain	0.0044	0.02	NO
mg/L = ppb mg/L = milligrams per liter ppb = Parts Per Billion				

**Table 3: Lead Drinking Water Sampling Results  
Galax Middle School  
Survey Date: June 27, 2017**

Sample No.	Sample Location	Result (mg/L)	EPA Criteria (mg/L)	Exceedance?
GMS-01	Ground Flr – Hall Fountain by Office	0.0005	0.02	NO
GMS-02	Ground Flr Hall Fountain by Room 125	0.0033	0.02	NO
GMS-03	Basement – Fountain in Gym (lower unit)	None Detected	0.02	NO
GMS-04	Basement – Fountain in Gym (higher unit)	0.0002	0.02	NO
GMS -05	Basement – Fountain Hall by Room 26	0.0003	0.02	NO
GMS -06	Basement – Central Hall Fountain (lower unit)	0.0003	0.02	NO
GMS -07	Basement – Central Hall Fountain (higher unit)	0.0003	0.02	NO

mg/L = ppb  
mg/L = milligrams per liter  
ppb = Parts Per Billion

**Table 4: Lead Drinking Water Sampling Results  
Galax High School  
Survey Date: June 27, 2017**

Sample No.	Sample Location	Result (mg/L)	EPA Criteria (mg/L)	Exceedance?
GHS-01	Cafeteria Kitchen Cooking Prep Sink	0.0017	0.02	NO
GHS-02	Cafeteria – Drinking Fountain	0.0004	0.02	NO
GHS-03	Fountain/ Bottle Filling Station by Gym	None Detected	0.02	NO
<b>GHS-04</b>	<b>Hose Bib by Varsity Locker Room</b>	<b>0.0382</b>	<b>0.02</b>	<b>YES</b>
GHS-05	Hall outside Gym – East Fountain	None Detected	0.02	NO
GHS-06	Hall outside Gym – West Fountain (lower unit)	None Detected	0.02	NO
GHS-07	Hall outside Gym – West Fountain (higher unit)	None Detected	0.02	NO
GHS-08	1 <sup>st</sup> Flr – Center of Hall Fountain (lower unit)	None Detected	0.02	NO
GHS-09	1 <sup>st</sup> Flr – Center of Hall Fountain (higher unit)	None Detected	0.02	NO
GHS-10	1 <sup>st</sup> Flr – Hall outside of Office	None Detected	0.02	NO
GHS-11	1 <sup>st</sup> Flr – Office Fountain	None Detected	0.02	NO
GHS-12	1 <sup>st</sup> Flr – Nurses' Office Sink	0.0003	0.02	NO
GHS-13	1 <sup>st</sup> Flr – Hall between Gym & Auditorium (lower unit)	None Detected	0.02	NO
GHS-14	1 <sup>st</sup> Flr – Hall between Gym & Auditorium (higher unit)	None Detected	0.02	NO
GHS-15	2 <sup>nd</sup> Flr – Center of Hall Fountain (lower unit)	0.0009	0.02	NO
GHS-16	2 <sup>nd</sup> Flr – Center of Hall Fountain (higher unit)	0.0007	0.02	NO
GHS-17	2 <sup>nd</sup> Flr – End of Hall Fountain	0.0007	0.02	NO
GHS-18	1 <sup>st</sup> Flr – Hallway closest to Middle School	None Detected	0.02	NO

mg/L = ppb  
mg/L = milligrams per liter

**DISCLAIMER**

This inspection and report is written for and intended for the use of Galax City Public Schools and their clients only. EI will not be held liable for any interpretations made, opinions formed, or conclusions drawn by any third party as a result of examining the lab results, inspection results or this report. Any interpretations, opinions, and conclusions will be those made, formed, and drawn solely by that third party.

We have endeavored to complete the services identified herein in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality and under similar conditions at this project. Should conditions change, future sampling may need to be conducted. No other representation, express or implied, is included or intended, and no warranty or guarantee is included or intended in this agreement, or any report, opinion, document, or other instrument of service.

EI appreciates the opportunity to provide these environmental services for Galax City Public Schools. Please feel free to call us at (540)343-9595 if you have any questions or are in need of further assistance.

Sincerely,  
**The EI Group, Inc**

Eric Cureton  
Manager, Roanoke Operations

Appendices:  
Appendix A – School Floor Plans with Sample Locations  
Appendix B – REIC Laboratory Reports