



REI Consultants, Inc.  
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**Improving the environment, one client at a time...**

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16 Commerce Drive  
Westover, WV 26501  
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Friday, June 30, 2017

Mr. Eric Cureton  
THE EI GROUP, INC.  
15 E SALEM AVENUE, SE  
SUITE 301  
ROANOKE, VA 24011

TEL: (540) 343-9595  
FAX:

RE: GALAX HIGH SCHOOL

Work Order #: 17063553

Dear Mr. Eric Cureton:

REI Consultants, Inc. received 18 sample(s) on 6/27/2017 for the analyses presented in the following report.

Sincerely,

Beth Johnson  
Project Manager  
(304) 250-6205



**Client:** THE EI GROUP, INC.  
**Project:** GALAX HIGH SCHOOL

The analytical results presented in this report were produced using documented laboratory SOPs that incorporate appropriate quality control procedures as described in the applicable methods. Verification of required sample preservation (as required) is recorded on associated laboratory logs. Any deviation from compliance or method modification is identified within the body of this report by a qualifier footnote which is defined at the bottom of this page.

All sample results for solid samples are reported on an "as-received" wet weight basis unless otherwise noted.

Results reported for sums of individual parameters, such as TTHM and HAA5, may vary slightly from the sum of the individual parameter results, due to rounding of individual results, as required by EPA.

The test results in this report meet all NELAP and/or VELAP requirements for parameters clearly designated as PA, VA, PA/VA, or VELAP in the column labeled NELAP.

Please note if the sample collection time is not provided on the Chain of Custody, the default recording will be 0:00:00. This may cause some tests to be apparently analyzed out of hold.

All tests performed by REIC Service Centers are designated by an annotation on the test code. All other tests were performed by REIC's Main Laboratory in Beaver, WV.

This report may not be reproduced, except in full, without the written approval of REIC.

**DEFINITIONS:**

MCL: Maximum Contaminant Level

MDL: Method Detection Limit; The lowest concentration of analyte that can be detected by the method in the applicable matrix.

Mg/Kg or mg/L: Units of part per million (PPM) - milligram per Kilogram (weight/weight) or milligram per Liter (weight/volume).

NA: Not Applicable

ND: Not Detected at the PQL or MDL

PQL: Practical Quantitation Limit; The lowest verified limit to which data is quantified without qualifications. Analyte concentrations below PQL are reported either as ND or as a number with a "J" qualifier.

Qual: Qualifier that applies to the analyte reported.

TIC: Tentatively Identified Compound, Estimated Concentration denoted by "J" qualifier.

Ug/Kg or ug/L: Units of part per billion (PPB) - microgram per kilogram (weight/weight) or microgram per liter (weight/volume).

**QUALIFIERS:**

X: Reported value exceeds required MCL

B: Analyte detected in the associated Method Blank at a concentration > 1/2 the PQL

E: Analyte concentration reported that exceeds the upper calibration standard. Greater uncertainty is associated with this result and data should be considered estimated.

H: Holding time for preparation or analysis has been exceeded.

J: Analyte concentration is reported, and is less than the PQL and greater than or equal to the MDL. The result reported is an estimate.

S: % REC (% recovery) exceeds control limits

**CERTIFICATIONS:**

Beaver, WV: WVDHHR 00412CM, WVDEP 060, VADCLS 00281, KYDEP 90039, NCDWQ 466, PADEP 68-00839, VADCLS(VELAP) 460148

Bioassay (Beaver, WV): WVDEP 060, VADCLS(VELAP) 460148, PADEP 68-00839

Roanoke, VA: VADCLS(VELAP) 460150

Verona, VA: VADCLS(VELAP) 460151

Morgantown, WV: WVDHHR 003112M, WVDEP 387

# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

Client: THE EI GROUP, INC.  
Project: GALAX HIGH SCHOOL  
Lab ID: 17063553-01A  
Client Sample ID: GHS-01

Collection Date: 6/27/2017 6:30:00 AM  
Date Received: 6/27/2017  
Matrix: Drinking Water  
Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>			<b>Analyst:</b>			
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>			<b>Analyst: LF</b>			
Lead	0.0017	0.0002	0.0010	0.0150		mg/L	6/29/2017 6:07 PM	

# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

<b>Client:</b>	THE EI GROUP, INC.	<b>Collection Date:</b>	6/27/2017 6:30:00 AM
<b>Project:</b>	GALAX HIGH SCHOOL	<b>Date Received:</b>	6/27/2017
<b>Lab ID:</b>	17063553-02A	<b>Matrix:</b>	Drinking Water
<b>Client Sample ID:</b>	GHS-02	<b>Site ID:</b>	GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>				<b>Analyst:</b>		
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>				<b>Analyst: LF</b>		
Lead	0.0004	0.0002	0.0010	0.0150	J	mg/L	6/29/2017 6:38 PM	

# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

<b>Client:</b>	THE EI GROUP, INC.	<b>Collection Date:</b>	6/27/2017 6:30:00 AM
<b>Project:</b>	GALAX HIGH SCHOOL	<b>Date Received:</b>	6/27/2017
<b>Lab ID:</b>	17063553-03A	<b>Matrix:</b>	Drinking Water
<b>Client Sample ID:</b>	GHS-03	<b>Site ID:</b>	GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>				<b>Analyst:</b>		
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>				<b>Analyst: LF</b>		
Lead	ND	0.0002	0.0010	0.0150		mg/L	6/29/2017 6:45 PM	

# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

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<b>Client:</b>	THE EI GROUP, INC.	<b>Collection Date:</b>	6/27/2017 7:30:00 AM
<b>Project:</b>	GALAX HIGH SCHOOL	<b>Date Received:</b>	6/27/2017
<b>Lab ID:</b>	17063553-04A	<b>Matrix:</b>	Drinking Water
<b>Client Sample ID:</b>	GHS-04	<b>Site ID:</b>	GALAX, VA

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Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>				<b>Analyst:</b>		
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>				<b>Analyst: LF</b>		
Lead	0.0382	0.0002	0.0010	0.0150	X	mg/L	6/29/2017 6:51 PM	

# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

Client: THE EI GROUP, INC.  
Project: GALAX HIGH SCHOOL  
Lab ID: 17063553-05A  
Client Sample ID: GHS-05

Collection Date: 6/27/2017 7:30:00 AM  
Date Received: 6/27/2017  
Matrix: Drinking Water  
Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>			<b>Analyst:</b>			
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>			<b>Analyst: LF</b>			
Lead	ND	0.0002	0.0010	0.0150		mg/L	6/29/2017 6:57 PM	

# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

Client: THE EI GROUP, INC.  
Project: GALAX HIGH SCHOOL  
Lab ID: 17063553-06A  
Client Sample ID: GHS-06

Collection Date: 6/27/2017 7:30:00 AM  
Date Received: 6/27/2017  
Matrix: Drinking Water  
Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>			<b>Analyst:</b>			
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>			<b>Analyst: LF</b>			
Lead	ND	0.0002	0.0010	0.0150		mg/L	6/29/2017 7:03 PM	



# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

<b>Client:</b>	THE EI GROUP, INC.	<b>Collection Date:</b>	6/27/2017 7:30:00 AM
<b>Project:</b>	GALAX HIGH SCHOOL	<b>Date Received:</b>	6/27/2017
<b>Lab ID:</b>	17063553-07A	<b>Matrix:</b>	Drinking Water
<b>Client Sample ID:</b>	GHS-07	<b>Site ID:</b>	GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>			<b>Analyst:</b>			
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>			<b>Analyst: LF</b>			
Lead	ND	0.0002	0.0010	0.0150		mg/L	6/29/2017 7:10 PM	

# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

<b>Client:</b>	THE EI GROUP, INC.	<b>Collection Date:</b>	6/27/2017 7:30:00 AM
<b>Project:</b>	GALAX HIGH SCHOOL	<b>Date Received:</b>	6/27/2017
<b>Lab ID:</b>	17063553-08A	<b>Matrix:</b>	Drinking Water
<b>Client Sample ID:</b>	GHS-08	<b>Site ID:</b>	GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>			<b>Analyst:</b>			
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>			<b>Analyst: LF</b>			
Lead	ND	0.0002	0.0010	0.0150		mg/L	6/29/2017 7:16 PM	

# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

Client: THE EI GROUP, INC.  
Project: GALAX HIGH SCHOOL  
Lab ID: 17063553-09A  
Client Sample ID: GHS-09

Collection Date: 6/27/2017 7:30:00 AM  
Date Received: 6/27/2017  
Matrix: Drinking Water  
Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>			<b>Analyst:</b>			
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>			<b>Analyst: LF</b>			
Lead	ND	0.0002	0.0010	0.0150		mg/L	6/29/2017 7:22 PM	

# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

<b>Client:</b>	THE EI GROUP, INC.	<b>Collection Date:</b>	6/27/2017 7:30:00 AM
<b>Project:</b>	GALAX HIGH SCHOOL	<b>Date Received:</b>	6/27/2017
<b>Lab ID:</b>	17063553-10A	<b>Matrix:</b>	Drinking Water
<b>Client Sample ID:</b>	GHS-10	<b>Site ID:</b>	GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>			<b>Analyst:</b>			
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>			<b>Analyst: LF</b>			
Lead	ND	0.0002	0.0010	0.0150		mg/L	6/29/2017 7:41 PM	

# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

Client: THE EI GROUP, INC.  
Project: GALAX HIGH SCHOOL  
Lab ID: 17063553-11A  
Client Sample ID: GHS-11

Collection Date: 6/27/2017 7:30:00 AM  
Date Received: 6/27/2017  
Matrix: Drinking Water  
Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>			<b>Analyst:</b>			
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>			<b>Analyst: LF</b>			
Lead	ND	0.0002	0.0010	0.0150		mg/L	6/29/2017 7:48 PM	

# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

Client: THE EI GROUP, INC.  
Project: GALAX HIGH SCHOOL  
Lab ID: 17063553-12A  
Client Sample ID: GHS-12

Collection Date: 6/27/2017 7:30:00 AM  
Date Received: 6/27/2017  
Matrix: Drinking Water  
Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>			<b>Analyst:</b>			
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>			<b>Analyst: LF</b>			
Lead	0.0003	0.0002	0.0010	0.0150	J	mg/L	6/29/2017 7:54 PM	

# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

Client: THE EI GROUP, INC.  
Project: GALAX HIGH SCHOOL  
Lab ID: 17063553-13A  
Client Sample ID: GHS-13

Collection Date: 6/27/2017 7:30:00 AM  
Date Received: 6/27/2017  
Matrix: Drinking Water  
Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>			<b>Analyst:</b>			
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>			<b>Analyst: LF</b>			
Lead	ND	0.0002	0.0010	0.0150		mg/L	6/29/2017 8:01 PM	

# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

Client: THE EI GROUP, INC.  
Project: GALAX HIGH SCHOOL  
Lab ID: 17063553-14A  
Client Sample ID: GHS-14

Collection Date: 6/27/2017 7:30:00 AM  
Date Received: 6/27/2017  
Matrix: Drinking Water  
Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>			<b>Analyst:</b>			
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>			<b>Analyst: LF</b>			
Lead	ND	0.0002	0.0010	0.0150		mg/L	6/29/2017 8:19 PM	



# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

Client: THE EI GROUP, INC.  
Project: GALAX HIGH SCHOOL  
Lab ID: 17063553-15A  
Client Sample ID: GHS-15

Collection Date: 6/27/2017 7:30:00 AM  
Date Received: 6/27/2017  
Matrix: Drinking Water  
Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>			<b>Analyst:</b>			
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>			<b>Analyst: LF</b>			
Lead	0.0009	0.0002	0.0010	0.0150	J	mg/L	6/29/2017 8:26 PM	

# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

Client: THE EI GROUP, INC.  
Project: GALAX HIGH SCHOOL  
Lab ID: 17063553-16A  
Client Sample ID: GHS-16

Collection Date: 6/27/2017 7:30:00 AM  
Date Received: 6/27/2017  
Matrix: Drinking Water  
Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>			<b>Analyst:</b>			
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>			<b>Analyst: LF</b>			
Lead	0.0007	0.0002	0.0010	0.0150	J	mg/L	6/29/2017 8:32 PM	

# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

Client: THE EI GROUP, INC.  
Project: GALAX HIGH SCHOOL  
Lab ID: 17063553-17A  
Client Sample ID: GHS-17

Collection Date: 6/27/2017 7:30:00 AM  
Date Received: 6/27/2017  
Matrix: Drinking Water  
Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>			<b>Analyst:</b>			
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>			<b>Analyst: LF</b>			
Lead	0.0007	0.0002	0.0010	0.0150	J	mg/L	6/29/2017 8:38 PM	

# REI Consultants, Inc. - Analytical Report

WO#: 17063553

Date Reported: 6/30/2017  
Original

Client: THE EI GROUP, INC.  
Project: GALAX HIGH SCHOOL  
Lab ID: 17063553-18A  
Client Sample ID: GHS-18

Collection Date: 6/27/2017 7:30:00 AM  
Date Received: 6/27/2017  
Matrix: Drinking Water  
Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
<b>Field/Miscellaneous Parameters</b>		<b>Method: FLD/MISC</b>			<b>Analyst:</b>			
FieldSampler	EC			NA				
<b>METALS BY ICP-MS</b>		<b>Method: EPA 200.8 Rev. 5.4 (1994)</b>			<b>Analyst: LF</b>			
Lead	ND	0.0002	0.0010	0.0150		mg/L	6/29/2017 8:56 PM	



Improving the environment, one client at a time...

REI Consultants, Inc.
PO Box 286
Beaver, WV 25813
TEL: (304)255-2500
Website: www.reiclabs.com

Sample Receipt Checklist

Client Name: EIG001 Work Order Number: 17063553
RCPNo: 1 Date and Time Received: 6/27/2017 7:47:00 PM Received by: Matt Vess
Completed By: Whitney Williams Reviewed By: Beth Johnson
Completed Date: 6/28/2017 9:13:14 AM Reviewed Date: 6/28/2017 10:30 AM

Carrier Name: REIC

- 1. Chain of custody present? Yes [x] No [ ]
2. Chain of custody signed when relinquished and received? Yes [x] No [ ]
3. Are matrices correctly identified on Chain of custody? Yes [x] No [ ]
4. Is it clear what analyses were requested? Yes [x] No [ ]
5. Custody seals intact? Yes [ ] No [ ] Not Present [x]
6. Samples in proper container type and preservative? Yes [x] No [ ]
7. Were correct preservatives noted on COC? Yes [x] No [ ] NA [ ]
8. Sample containers intact? Yes [x] No [ ]
9. Sufficient sample volume for indicated test? Yes [x] No [ ]
10. Were container labels complete? Yes [x] No [ ]
11. All samples received within holding time? Yes [x] No [ ]
12. Was an attempt made to cool the samples? Yes [x] No [ ] NA [ ]
13. Sample Temp. taken and recorded upon receipt? Yes [x] No [ ] To 22.2 °C
14. Water - Were bubbles absent in VOC vials? Yes [ ] No [ ] No Vials [x]
15. Are Samples considered acceptable? Yes [x] No [ ]
16. COC filled out properly? Yes [x] No [ ]

Client Notification/Response

Client Name: EIG001 Work Order Number: 17063553
Comment:
Client Contacted: Yes [ ] No [ ] NA [x] Person Contacted:
Contact Mode: Phone [ ] Fax: [ ] Email: [ ] In Person: [ ]
Date Contacted: Contacted By:
Regarding:
Client Instructions:
Corrective Action: