



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

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

3029-C Peters Creek Road
Roanoke, VA 24019
TEL: 540.777.1276

1557 Commerce Road, Suite 201
Verona, VA 24482
TEL: 540.248.0183

16 Commerce Drive
Westover, WV 26501
TEL: 304.241.5861

Monday, July 03, 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 ELEMENTARY SCHOOL

Work Order #: 17063560

Dear Mr. Eric Cureton:

REI Consultants, Inc. received 21 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 ELEMENTARY 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#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
Project: GALAX ELEMENTARY SCHOOL
Lab ID: 17063560-01A
Client Sample ID: GES-01

Collection Date: 6/27/2017 6:50:00 AM
Date Received: 6/27/2017
Matrix: Drinking Water
Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters			Method: FLD/MISC				Analyst:	
FieldSampler	EC	NA		NA				
METALS BY ICP-MS			Method: EPA 200.8 Rev. 5.4 (1994)				Analyst: LF	
Lead	0.0554	NA	0.0010	0.0150	X	mg/L	6/29/2017 9:03 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
 Project: GALAX ELEMENTARY SCHOOL
 Lab ID: 17063560-02A
 Client Sample ID: GES-02

Collection Date: 6/27/2017 6:50:00 AM
 Date Received: 6/27/2017
 Matrix: Drinking Water
 Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters			Method: FLD/MISC				Analyst:	
FieldSampler	EC	NA		NA				
METALS BY ICP-MS			Method: EPA 200.8 Rev. 5.4 (1994)				Analyst: LF	
Lead	0.0016	NA	0.0010	0.0150		mg/L	6/29/2017 9:21 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
 Project: GALAX ELEMENTARY SCHOOL
 Lab ID: 17063560-03A
 Client Sample ID: GES-03

Collection Date: 6/27/2017 6:50:00 AM
 Date Received: 6/27/2017
 Matrix: Drinking Water
 Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters			Method: FLD/MISC				Analyst:	
FieldSampler	EC	NA		NA				
METALS BY ICP-MS			Method: EPA 200.8 Rev. 5.4 (1994)				Analyst: LF	
Lead	0.0015	NA	0.0010	0.0150		mg/L	6/29/2017 9:27 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
Project: GALAX ELEMENTARY SCHOOL
Lab ID: 17063560-04A
Client Sample ID: GES-04

Collection Date: 6/27/2017 6:50:00 AM
Date Received: 6/27/2017
Matrix: Drinking Water
Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters		Method: FLD/MISC			Analyst:			
FieldSampler	EC	NA		NA				
METALS BY ICP-MS		Method: EPA 200.8 Rev. 5.4 (1994)			Analyst: LF			
Lead	0.0024	NA	0.0010	0.0150		mg/L	6/29/2017 9:33 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
 Project: GALAX ELEMENTARY SCHOOL
 Lab ID: 17063560-05A
 Client Sample ID: GES-05

Collection Date: 6/27/2017 6:50:00 AM
 Date Received: 6/27/2017
 Matrix: Drinking Water
 Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters			Method: FLD/MISC				Analyst:	
FieldSampler	EC	NA		NA				
METALS BY ICP-MS			Method: EPA 200.8 Rev. 5.4 (1994)				Analyst: LF	
Lead	0.0015	NA	0.0010	0.0150		mg/L	6/29/2017 9:39 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
 Project: GALAX ELEMENTARY SCHOOL
 Lab ID: 17063560-06A
 Client Sample ID: GES-06

Collection Date: 6/27/2017 6:50:00 AM
 Date Received: 6/27/2017
 Matrix: Drinking Water
 Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters			Method: FLD/MISC				Analyst:	
FieldSampler	EC	NA		NA				
METALS BY ICP-MS			Method: EPA 200.8 Rev. 5.4 (1994)				Analyst: LF	
Lead	0.0072	NA	0.0010	0.0150		mg/L	6/29/2017 9:45 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client:	THE EI GROUP, INC.	Collection Date:	6/27/2017 6:50:00 AM
Project:	GALAX ELEMENTARY SCHOOL	Date Received:	6/27/2017
Lab ID:	17063560-07A	Matrix:	Drinking Water
Client Sample ID:	GES-07	Site ID:	GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters		Method: FLD/MISC			Analyst:			
FieldSampler	EC	NA		NA				
METALS BY ICP-MS		Method: EPA 200.8 Rev. 5.4 (1994)			Analyst: LF			
Lead	0.0022	NA	0.0010	0.0150		mg/L	6/29/2017 9:51 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
 Project: GALAX ELEMENTARY SCHOOL
 Lab ID: 17063560-08A
 Client Sample ID: GES-08

Collection Date: 6/27/2017 6:50:00 AM
 Date Received: 6/27/2017
 Matrix: Drinking Water
 Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters		Method: FLD/MISC			Analyst:			
FieldSampler	EC	NA		NA				
METALS BY ICP-MS		Method: EPA 200.8 Rev. 5.4 (1994)			Analyst: LF			
Lead	0.0657	NA	0.0010	0.0150	X	mg/L	6/29/2017 10:10 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
 Project: GALAX ELEMENTARY SCHOOL
 Lab ID: 17063560-09A
 Client Sample ID: GES-09

Collection Date: 6/27/2017 6:50:00 AM
 Date Received: 6/27/2017
 Matrix: Drinking Water
 Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters		Method: FLD/MISC			Analyst:			
FieldSampler	EC	NA		NA				
METALS BY ICP-MS		Method: EPA 200.8 Rev. 5.4 (1994)			Analyst: LF			
Lead	0.0021	NA	0.0010	0.0150		mg/L	6/29/2017 10:17 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
 Project: GALAX ELEMENTARY SCHOOL
 Lab ID: 17063560-10A
 Client Sample ID: GES-10

Collection Date: 6/27/2017 6:50:00 AM
 Date Received: 6/27/2017
 Matrix: Drinking Water
 Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters			Method: FLD/MISC				Analyst:	
FieldSampler	EC	NA		NA				
METALS BY ICP-MS			Method: EPA 200.8 Rev. 5.4 (1994)				Analyst: LF	
Lead	0.0026	NA	0.0010	0.0150		mg/L	6/29/2017 10:23 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
 Project: GALAX ELEMENTARY SCHOOL
 Lab ID: 17063560-11A
 Client Sample ID: GES-11

Collection Date: 6/27/2017 6:50:00 AM
 Date Received: 6/27/2017
 Matrix: Drinking Water
 Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters		Method: FLD/MISC			Analyst:			
FieldSampler	EC	NA		NA				
METALS BY ICP-MS		Method: EPA 200.8 Rev. 5.4 (1994)			Analyst: LF			
Lead	0.0007	NA	0.0010	0.0150	J	mg/L	6/29/2017 10:29 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
 Project: GALAX ELEMENTARY SCHOOL
 Lab ID: 17063560-12A
 Client Sample ID: GES-12

Collection Date: 6/27/2017 6:50:00 AM
 Date Received: 6/27/2017
 Matrix: Drinking Water
 Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters			Method: FLD/MISC				Analyst:	
FieldSampler	EC	NA		NA				
METALS BY ICP-MS			Method: EPA 200.8 Rev. 5.4 (1994)				Analyst: LF	
Lead	ND	NA	0.0010	0.0150		mg/L	6/29/2017 10:48 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
 Project: GALAX ELEMENTARY SCHOOL
 Lab ID: 17063560-13A
 Client Sample ID: GES-13

Collection Date: 6/27/2017 6:50:00 AM
 Date Received: 6/27/2017
 Matrix: Drinking Water
 Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters			Method: FLD/MISC				Analyst:	
FieldSampler	EC	NA		NA				
METALS BY ICP-MS			Method: EPA 200.8 Rev. 5.4 (1994)				Analyst: LF	
Lead	0.0005	NA	0.0010	0.0150	J	mg/L	6/29/2017 10:54 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
 Project: GALAX ELEMENTARY SCHOOL
 Lab ID: 17063560-14A
 Client Sample ID: GES-14

Collection Date: 6/27/2017 6:50:00 AM
 Date Received: 6/27/2017
 Matrix: Drinking Water
 Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters		Method: FLD/MISC			Analyst:			
FieldSampler	EC	NA		NA				
METALS BY ICP-MS		Method: EPA 200.8 Rev. 5.4 (1994)			Analyst: LF			
Lead	0.0010	NA	0.0010	0.0150		mg/L	6/29/2017 11:00 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
 Project: GALAX ELEMENTARY SCHOOL
 Lab ID: 17063560-15A
 Client Sample ID: GES-15

Collection Date: 6/27/2017 6:50:00 AM
 Date Received: 6/27/2017
 Matrix: Drinking Water
 Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters			Method: FLD/MISC				Analyst:	
FieldSampler	EC	NA		NA				
METALS BY ICP-MS			Method: EPA 200.8 Rev. 5.4 (1994)				Analyst: LF	
Lead	0.0012	NA	0.0010	0.0150		mg/L	6/29/2017 11:06 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
Project: GALAX ELEMENTARY SCHOOL
Lab ID: 17063560-16A
Client Sample ID: GES-16

Collection Date: 6/27/2017 6:50:00 AM
Date Received: 6/27/2017
Matrix: Drinking Water
Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters		Method: FLD/MISC			Analyst:			
FieldSampler	EC	NA		NA				
METALS BY ICP-MS		Method: EPA 200.8 Rev. 5.4 (1994)			Analyst: LF			
Lead	0.0098	NA	0.0010	0.0150		mg/L	6/29/2017 11:37 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
 Project: GALAX ELEMENTARY SCHOOL
 Lab ID: 17063560-17A
 Client Sample ID: GES-17

Collection Date: 6/27/2017 6:50:00 AM
 Date Received: 6/27/2017
 Matrix: Drinking Water
 Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters		Method: FLD/MISC			Analyst:			
FieldSampler	EC	NA		NA				
METALS BY ICP-MS		Method: EPA 200.8 Rev. 5.4 (1994)			Analyst: LF			
Lead	0.0006	NA	0.0010	0.0150	J	mg/L	6/29/2017 11:44 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
 Project: GALAX ELEMENTARY SCHOOL
 Lab ID: 17063560-18A
 Client Sample ID: GES-18

Collection Date: 6/27/2017 6:50:00 AM
 Date Received: 6/27/2017
 Matrix: Drinking Water
 Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters			Method: FLD/MISC				Analyst:	
FieldSampler	EC	NA		NA				
METALS BY ICP-MS			Method: EPA 200.8 Rev. 5.4 (1994)				Analyst: LF	
Lead	0.0045	NA	0.0010	0.0150		mg/L	6/29/2017 11:50 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
 Project: GALAX ELEMENTARY SCHOOL
 Lab ID: 17063560-19A
 Client Sample ID: GES-19

Collection Date: 6/27/2017 6:50:00 AM
 Date Received: 6/27/2017
 Matrix: Drinking Water
 Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters			Method: FLD/MISC				Analyst:	
FieldSampler	EC	NA		NA				
METALS BY ICP-MS			Method: EPA 200.8 Rev. 5.4 (1994)				Analyst: LF	
Lead	0.0009	NA	0.0010	0.0150	J	mg/L	6/30/2017 1:33 PM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client:	THE EI GROUP, INC.	Collection Date:	6/27/2017 6:50:00 AM
Project:	GALAX ELEMENTARY SCHOOL	Date Received:	6/27/2017
Lab ID:	17063560-20A	Matrix:	Drinking Water
Client Sample ID:	GES-20	Site ID:	GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters		Method: FLD/MISC			Analyst:			
FieldSampler	EC	NA		NA				
METALS BY ICP-MS		Method: EPA 200.8 Rev. 5.4 (1994)			Analyst: LF			
Lead	0.0031	NA	0.0010	0.0150		mg/L	6/30/2017 12:02 AM	

REI Consultants, Inc. - Analytical Report

WO#: 17063560

Date Reported: 7/3/2017
Original

Client: THE EI GROUP, INC.
 Project: GALAX ELEMENTARY SCHOOL
 Lab ID: 17063560-21A
 Client Sample ID: GES-21

Collection Date: 6/27/2017 6:50:00 AM
 Date Received: 6/27/2017
 Matrix: Drinking Water
 Site ID: GALAX, VA

Analysis	Result	MDL	PQL	MCL	Qual	Units	Date Analyzed	NELAP
Field/Miscellaneous Parameters			Method: FLD/MISC				Analyst:	
FieldSampler	EC	NA		NA				
METALS BY ICP-MS			Method: EPA 200.8 Rev. 5.4 (1994)				Analyst: LF	
Lead	0.0044	NA	0.0010	0.0150		mg/L	6/30/2017 1:39 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: 17063560
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 9:25:34 AM Reviewed Date: 6/28/2017 10:40 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: 17063560
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: