

**LIMITED LEAD AND COPPER IN DRINKING WATER
SAMPLING**

**Forest Park High School
CCPS No. 1054
5452 Phillips Drive
Forest Park, GA 30297**

GLE Project No.: 18000-18861

Prepared for:

**Clayton County Public Schools
1058 Fifth Avenue
Jonesboro, Georgia 30236**

December 2018

Prepared by:



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1.0 INTRODUCTION

GLE was contracted by Clayton County Public Schools (CCPS), through RFP No. 017-17, to perform water collection and testing services for lead and copper at Forest Park High School. The purpose of the contracted project was to collect and test water samples taken from CCPS drinking, cooking, and nursing water outlets to identify the presence of lead and copper in the water of CCPS schools and administrative/support buildings. Outlets not used for drinking, such as restroom faucets, maintenance areas, and science labs were excluded from this scope of work. The testing was generally performed in accordance with the Environmental Protection Agency (EPA)'s 3Ts for Reducing Lead in Drinking Water in Schools Technical Guidance Document (revised October 2006).

On October 8, 2018, Ms. Katrina Riley and Ms. Isis Hamilton of GLE Associates, Inc. (GLE), performed initial lead and copper in drinking water sampling of Client-designated drinking water fountains and outlets used for drinking, cooking, and/or nursing located within Forest Park High School located at 5452 Phillips Drive in Forest Park, Georgia. According to the Client's representative, Forest Park High School was originally constructed in 1973, with major renovations or additions in 1962, 1967, 1973, 1976, 1980, 2000, 2011 and 2013. It is our understanding that no previous water testing has been conducted at Forest Park High School.

2.0 INVENTORY AND SAMPLING PLANS

Prior to the initial sampling event, on February 28, 2018, GLE mobilized to the site to inventory the existing outlets at the facility to devise a sampling plan. Further, GLE submitted a Plumbing Profile to CCPS to complete prior to sampling. Based on the results of GLE's inventory and CCPS's plumbing profile, a sampling plan was created and provided to CCPS. A copy of the Sampling Plan with the sample number identifying sample areas is included in **Appendix C**.

3.0 LEAD AND COPPER IN DRINKING WATER SAMPLING PROCEDURES

Prior to the sampling events, a Client-designated representative flushed the drinking, cooking, and nursing water outlets the night before each sampling event (or between at least 8 to 18 hours prior to the sampling event). Refrigerated drinking water fountains were flushed for 15 minutes. Non-refrigerated fountains and faucets used for drinking and cleaning were run for 30 seconds to one minute or until cold. The remaining Client-designated faucets were flushed for 10 minutes. The flushing was performed from the faucet located furthest away from the service line on each wing and/or floor of the building. Once the flushing was complete, CCPS personnel logged the completion date and time on the outlet flushed. GLE confirmed the 8 to 18 hour window prior to taking samples from flushed outlets and submitting them to the laboratory for analysis.

GLE assumed that the water supply lines and outlets in the assessed building were operating properly at the time of sampling. One representative water sample for lead and copper analysis was collected from each outlet identified in the sampling plan utilizing sterile, 250 milliliter (mL) sampling bottles preserved with nitric acid (HNO₃). The sample was collected immediately after activating the water fountain or outlet, described in this report as “first draw”.

The collected samples were submitted to Waypoint Analytical, Inc., a qualified laboratory in Memphis, Tennessee, for analysis. The samples were analyzed for lead and copper in water by Inductively Coupled Plasma/Mass Spectroscopy (ICP/MS) in general accordance with EPA Method 200.8. A summary of the sampling locations and the associated analytical results are summarized below and in the attached table. The laboratory reports and chain of custodies are located in **Appendix A**. A copy of the laboratory’s certification is included in **Appendix B**.

4.0 LEAD AND COPPER IN DRINKING WATER SAMPLING FINDINGS

A total of 71 water samples were collected for analysis of lead and copper content, comprised of one, water sample (first draw) from each Client-designated water fountain or outlet at the above-referenced school. The sample ID consisted of “W” for water, sample number, followed by A for first draw. Outlets identified in the concession stand, a drinking water fountain within the construction room were not flushed/ inoperable during the initial sampling event. A summary of the analytical results for the lead and copper in drinking water sampling follows in **Table 4.1 – Summary of Lead and Copper in Drinking Water Sampling Results**. The reporting limit for the lead sample analysis was 0.500 micrograms per liter (µg/L) or parts per billion (ppb) and for copper sample analysis was 0.500 micrograms per liter (µg/L) or parts per billion (ppb).

According to the EPA’s 3Ts for Reducing Lead in Drinking Water in Schools Technical Guidance Document (revised October 2006), EPA recommends that water fountains and/or outlets be taken out of service if the lead level exceeds **20 µg/L or ppb** and if the copper level exceeds **1,300 µg/L or ppb**. Public water supply (PWS) systems are subject to an action level (AL) of **15 µg/L or ppb** of lead in water for treatment (specifically, if more than 10% of samples at residences tested exceed 15 ppb, system-wide corrosion control treatment may be necessary). For the purposes of this sampling event CCPS is taking corrective action for samples reported at or greater than **15 µg/L or ppb for lead and 1,300 µg/L or ppb for copper**.

TABLE 4.1 SUMMARY OF LEAD AND COPPER IN DRINKING WATER SAMPLING RESULTS FOREST PARK HIGH SCHOOL FOREST PARK, GEORGIA			
SAMPLE NUMBER	TEST LOCATION	FIRST DRAW- LEAD SAMPLE RESULTS (µg/L)	FIRST DRAW- COPPER SAMPLE RESULTS (µg/L)
W1A	ADMIN HALLWAY NEAR A 115 DRINKING WATER FOUNTAIN (RIGHT)	BRL	243
W2A	ADMIN HALLWAY NEAR A 115 DRINKING WATER FOUNTAIN(LEFT)	BRL	179
W3A	ADMIN MAILROOM DRINKING WATER	BRL	225
W4A	CAFETERIA DRINKING WATER FOUNTAIN (RIGHT)	BRL	112
W5A	CAFETERIA DRINKING WATER FOUNTAIN (LEFT)	BRL	172
W6A	KITCHEN E WALL DRINKING WALL	BRL	160
W7A	KITCHEN E WALL S1 DRINKING WATER (RIGHT)	BRL	93.6
W8A	KITCHEN E WALL S2 DRINKING WATER (LEFT)	BRL	86.6
W9A	KITCHEN N WALL S3 DRINKING WATER	0.826	73.9
W10A	KITCHEN STEAMER 1 (LEFT)	BRL	84.9
W11A	KITCHEN STEAMER 2 (RIGHT)	BRL	81.7
W12A	KITCHEN ICE MAKER	BRL	0.641
W13A	HALLWAY NEAR ROOM 222 DRINKING WATER FOUNTAIN (RIGHT)	BRL	163
W14A	HALLWAY NEAR ROOM 222 DRINKING WATER FOUNTAIN (LEFT)	BRL	141

TABLE 4.1 SUMMARY OF LEAD AND COPPER IN DRINKING WATER SAMPLING RESULTS FOREST PARK HIGH SCHOOL FOREST PARK, GEORGIA			
SAMPLE NUMBER	TEST LOCATION	FIRST DRAW- LEAD SAMPLE RESULTS (µg/L)	FIRST DRAW- COPPER SAMPLE RESULTS (µg/L)
W15A	WORKROOM 221.4 DRINKING WATER	BRL	158
W16A	HALLWAY NEAR ROOM 229 DRINKING WATER FOUNTAIN (RIGHT)	BRL	84.2
W17A	HALLWAY NEAR 229 DRINKING WATER FOUNTAIN (LEFT)	BRL	93.3
W18A	HALLWAY NEAR ROOM 234 DRINKING WATER FOUNTAIN (RIGHT)	BRL	95.2
W19A	HALLWAY NEAR ROOM 234 DRINKING WATER FOUNTAIN (LEFT)	BRL	107
W20A	HALLWAY NEAR ROOM 205 DRINKING WATER FOUNTAIN (RIGHT)	BRL	127
W21A	HALLWAY NEAR ROOM 205 DRINKING WATER FOUNTAIN (LEFT)	BRL	154
W22A	HALLWAY NEAR 214 DRINKING WATER FOUNTAIN (RIGHT)	BRL	157
W23A	HALLWAY NEAR 214 DRINKING WATER FOUNTAIN (LEFT)	BRL	164
W24A	HALLWAY NEAR ROOM 128 DRINKING WATER FOUNTAIN (RIGHT)	BRL	90.3
W25A	HALLWAY NEAR ROOM 128 DRINKING WATER FOUNTAIN (LEFT)	BRL	103
W26A	CLASSROOM 136 DRINKING WATER (BACK STORAGE ROOM)	0.526	205
W27A	GYM HALLWAY DRINKING WATER FOUNTAIN (RIGHT)	BRL	142
W28A	GYM HALLWAY DRINKING WATER FOUNTAIN (LEFT)	BRL	145

TABLE 4.1 SUMMARY OF LEAD AND COPPER IN DRINKING WATER SAMPLING RESULTS FOREST PARK HIGH SCHOOL FOREST PARK, GEORGIA			
SAMPLE NUMBER	TEST LOCATION	FIRST DRAW- LEAD SAMPLE RESULTS (µg/L)	FIRST DRAW- COPPER SAMPLE RESULTS (µg/L)
W29A	DOWNSTAIRS HALLWAY GYM NEAR ROOM 410 DRINKING WATER FOUNTAIN (RIGHT)	BRL	124
W30A	DOWNSTAIRS HALLWAY GYM NEAR ROOM 410 DRINKING WATER FOUNTAIN (LEFT)	BRL	139
W31A	HALLWAY NEAR MECHANICAL ROOM 400.2 DRINKING WATER FOUNTAIN (RIGHT)	BRL	196
W32A	HALLWAY NEAR MECHANICAL ROOM 4..02 DRINKING WATER FOUNTAIN (LEFT)	BRL	192
W33A	CONCESSION STAND ICE MACHINE	BRL	1.02
W34A	HALLWAY NEAR 418 DRINKING WATER FOUNTAIN (RIGHT)	BRL	149
W35A	HALLWAY NEAR 418 DRINKING WATER FOUNTAIN (LEFT)	BRL	146
W36A	P.E. HALLWAY NEAR 913 STORAGE DRINKING WATER FOUNTAIN (RIGHT)	1.02	465
W37A	P.E. HALLWAY NEAR 913 STORAGE DRINKING WATER FOUNTAIN (MIDDLE)	0.572	251
W38A	P.E. HALLWAY NEAR 913 STORAGE DRINKING WATER FOUNTAIN (LEFT)	0.747	315
W39A	P.E. HALLWAY NEAR ROOM 900.2 DRINKING WATER FOUNTAIN (RIGHT)	0.694	179
W40A	P.E. HALLWAY NEAR ROOM 900.2 DRINKING WATER FOUNTAIN (MIDDLE)	0.712	191
W41A	P.E. HALLWAY NEAR ROOM 900.2 DRINKING WATER FOUNTAIN (LEFT)	1.14	236

TABLE 4.1 SUMMARY OF LEAD AND COPPER IN DRINKING WATER SAMPLING RESULTS FOREST PARK HIGH SCHOOL FOREST PARK, GEORGIA			
SAMPLE NUMBER	TEST LOCATION	FIRST DRAW- LEAD SAMPLE RESULTS (µg/L)	FIRST DRAW- COPPER SAMPLE RESULTS (µg/L)
W42A	MEDIA CENTER ROOM 301 DRINKING WATER FOUNTAIN	0.968	111
W43A	MEDIA CENTER 900.1 DRINKING WATER	0.503	194
W44A	ROTC NEAR ROOM D306 DRINKING WATER FOUNTAIN (RIGHT)	BRL	69.5
W45A	ROTC NEAR ROOM D306 DRINKING WATER FOUNTAIN (LEFT)	BRL	81.2
W46A	CLASSROOM 309 DRINKING WATER	BRL	244
W47A	CLASSROOM 310 DRINKING WATER (RIGHT)	1.32	185
W48A	CLASSROOM 310 DRINKING WATER (LEFT)	1.13	188
W49A	CLASSROOM 312 DRINKING WATER (RIGHT)	13.7	969
W50A	CLASSROOM 312 DRINKING WATER (LEFT)	21.5	1140
W51A	CLASSROOM 314 DRINKING WATER FOUNTAIN	BRL	191
W52A	WORKROOM 300.2 DRINKING WATER	1.10	236
W53A	HALLWAY NEAR ROOM 317 BOYS RESTROOM DRINKING WATER FOUNTAIN (RIGHT)	0.716	195
W54A	HALLWAY NEAR ROOM 317 BOYS RESTROOM DRINKING WATER FOUNTAIN (LEFT)	1.58	220

TABLE 4.1
SUMMARY OF LEAD AND COPPER IN DRINKING WATER SAMPLING RESULTS
FOREST PARK HIGH SCHOOL
FOREST PARK, GEORGIA

SAMPLE NUMBER	TEST LOCATION	FIRST DRAW- LEAD SAMPLE RESULTS (µg/L)	FIRST DRAW- COPPER SAMPLE RESULTS (µg/L)
W55A	CLASSROOM 320 NEAR ROOM ENTRANCE DRINKING WATER	1.99	401
W56A	CLASSROOM 320 SW WALL DRINKING WATER (LEFT)	7.69	698
W57A	CLASSROOM 320 SW DRINKING WATER (MIDDLE)	3.82	359
W58A	CLASSROOM 320 SW WALL DRINKING WATER (RIGHT)	2.02	130
W59A	CLASSROOM 320 SE WALL DRINKING WATER	0.999	194
W60A	CLASSROOM 330 DRINKING WATER	4.44	375
W61A	CLASSROOM 331 DRINKING WATER	1.99	189
W62A	HALLWAY NEAR ROOM 334.2 BOYS RESTROOM DRINKING WATER FOUNTAIN (FAR RIGHT)	BRL	73.0
W63A	HALLWAY NEAR ROOM 334.2 BOYS RESTROOM DRINKING WATER FOUNTAIN (RIGHT)	BRL	74.8
W64A	HALLWAY NEAR ROOM 334.2 BOYS RESTROOM DRINKING WATER FOUNTAIN (LEFT)	BRL	70.4
W65A	HALLWAY NEAR ROOM 334.2 BOYS RESTROOM DRINKING WATER FOUNTAIN (FAR LEFT)	BRL	70.4
W66A	CLASSROOM 322 BACK STORAGE DRINKING WATER	5.65	164
W67A	HALLWAY NEAR 104 DRINKING WATER (RIGHT)	BRL	161
W68A	HALLWAY NEAR ROOM 104 DRINKING WATER FOUNTAIN (LEFT)	BRL	166

TABLE 4.1 SUMMARY OF LEAD AND COPPER IN DRINKING WATER SAMPLING RESULTS FOREST PARK HIGH SCHOOL FOREST PARK, GEORGIA			
SAMPLE NUMBER	TEST LOCATION	FIRST DRAW- LEAD SAMPLE RESULTS (µg/L)	FIRST DRAW- COPPER SAMPLE RESULTS (µg/L)
W69A	WORKROOM 108 DRINKING WATER	BRL	280
W70A	HALLWAY NEAR ROOM 112 DRINKING WATER FOUNTAIN (RIGHT)	BRL	146
W71A	HALLWAY NEAR 112 DRINKING WATER FOUNTAIN (LEFT)	BRL	147

BRL – Below Reporting Limits

µg/L – micrograms per liter

Results in **bold** indicate levels at or above the EPA PWS Action Level of 15 µg/L for Lead in Drinking Water

*Properly flushed and resampled during the follow-up testing event.

5.0 CONCLUSIONS ANDS RECOMMENDATIONS

Based on the findings of the lead in drinking water sampling, GLE offers the following conclusions:

1. A total of 71 initial first draw water samples were collected for analysis of lead and copper content, comprised of one water sample from each Client-designated drinking water fountains and outlets used for drinking, cooking, and/or nursing outlets at Forest Park High School. During the initial assessment, 71 first draw water samples were submitted to the laboratory for analysis.
2. Twenty-five (25) of the 71 initial first draw water samples analyzed for lead indicated detectable levels of lead. One (1) of the 25 initial first draw water samples with detectable levels of lead was **greater** than the EPA PWS AL of 15µg/L. **The drinking water in Art Room- 32 was removed from service for drinking water or cooking activities until follow- up sampling was conducted. Per the Client, the Art Room-32 outlet will be demarcated as a non-potable drinking source. However, if determined to be used for drinking, cooking, and/or nursing, the outlet will need to be resampled. Outlets identified in the concession stand, a drinking water fountain within the construction room were not flushed/ inoperable during the initial sampling event. If determined to be used for drinking, cooking, and/or nursing, these outlets will need to be sampled.**
3. 71 of the 71 first draw initial water samples indicated detectable levels of copper. None of the 71 initial first draw water samples with detectable levels of copper was **greater** than 1300µg/L.

6.0 LIMITATIONS

The results of this assessment apply only to those specific Client-designated water outlets sampled. Per the EPA sampling guidelines, large variations in lead concentrations may be found among individual outlets in a facility because of difference in flow rates and/or building materials; therefore, this assessment is limited to the conditions encountered at the date and time of each sampling event.

APPENDIX A
Laboratory Analytical Results and
Chain of Custody

10/15/2018

GLE Associates
Mr. Matthew Howe
1100 Spring St, NW²Suite 820
Suite 820
Atlanta, GA, 30309

Ref: Analytical Testing
Lab Report Number: 18-283-0242
Client Project Description: CCPS: Forest Park High School
Project#18000-18861

Dear Mr. Matthew Howe:

Waypoint Analytical, LLC. received sample(s) on 10/10/2018 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Andrea R Brownfield
Project manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama #40750	Louisiana #04015	VA NELAP #460181	Texas #T104704180-11-6	Arkansas #88-0650
Mississippi	California #2904	NC #415	Oklahoma #9311	Virginia #00106
Kentucky #90047	Tennessee #TN02027	EPA #TN00012	Kentucky UST #41	



Sample Summary Table

Report Number: 18-283-0242
Client Project Description: CCPS: Forest Park High School
Project#18000-18861

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
98460	W1-A	Aqueous	10/08/2018 07:24	10/10/2018
98461	W2-A	Aqueous	10/08/2018 07:25	10/10/2018
98462	W3-A	Aqueous	10/08/2018 07:25	10/10/2018
98463	W4-A	Aqueous	10/08/2018 07:29	10/10/2018
98464	W5-A	Aqueous	10/08/2018 07:30	10/10/2018
98465	W6-A	Aqueous	10/08/2018 07:32	10/10/2018
98466	W7-A	Aqueous	10/08/2018 07:32	10/10/2018
98467	W8-A	Aqueous	10/08/2018 07:33	10/10/2018
98468	W9-A	Aqueous	10/08/2018 07:33	10/10/2018
98469	W10-A	Aqueous	10/08/2018 07:35	10/10/2018
98470	W11-A	Aqueous	10/08/2018 07:36	10/10/2018
98471	W12-A	Aqueous	10/08/2018 07:38	10/10/2018
98472	W13-A	Aqueous	10/08/2018 07:44	10/10/2018
98473	W14-A	Aqueous	10/08/2018 07:44	10/10/2018
98474	W15-A	Aqueous	10/08/2018 07:47	10/10/2018
98475	W16-A	Aqueous	10/08/2018 07:50	10/10/2018
98476	W17-A	Aqueous	10/08/2018 07:50	10/10/2018
98477	W18-A	Aqueous	10/08/2018 07:51	10/10/2018
98478	W19-A	Aqueous	10/08/2018 07:51	10/10/2018
98479	W20-A	Aqueous	10/08/2018 07:55	10/10/2018
98480	W21-A	Aqueous	10/08/2018 07:55	10/10/2018
98481	W22-A	Aqueous	10/08/2018 07:57	10/10/2018
98482	W23-A	Aqueous	10/08/2018 07:57	10/10/2018
98483	W24-A	Aqueous	10/08/2018 08:07	10/10/2018
98484	W25-A	Aqueous	10/08/2018 08:07	10/10/2018
98485	W26-A	Aqueous	10/08/2018 08:09	10/10/2018

Sample Summary Table

Report Number: 18-283-0242
Client Project Description: CCPS: Forest Park High School
Project#18000-18861

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
98486	W27-A	Aqueous	10/08/2018 08:12	10/10/2018
98487	W28-A	Aqueous	10/08/2018 08:13	10/10/2018
98488	W29-A	Aqueous	10/08/2018 08:14	10/10/2018
98489	W30-A	Aqueous	10/08/2018 08:15	10/10/2018
98490	W31-A	Aqueous	10/08/2018 08:20	10/10/2018
98491	W32-A	Aqueous	10/08/2018 08:20	10/10/2018
98492	W33-A	Aqueous	10/08/2018 08:22	10/10/2018
98493	W34-A	Aqueous	10/08/2018 08:27	10/10/2018
98494	W35-A	Aqueous	10/08/2018 08:28	10/10/2018
98495	W36-A	Aqueous	10/08/2018 08:32	10/10/2018
98496	W37-A	Aqueous	10/08/2018 08:33	10/10/2018
98497	W38-A	Aqueous	10/08/2018 08:33	10/10/2018
98498	W39-A	Aqueous	10/08/2018 08:34	10/10/2018
98499	W40-A	Aqueous	10/08/2018 08:34	10/10/2018
98500	W41-A	Aqueous	10/08/2018 08:35	10/10/2018
98501	W42-A	Aqueous	10/08/2018 08:43	10/10/2018
98502	W43-A	Aqueous	10/08/2018 08:44	10/10/2018
98503	W44-A	Aqueous	10/08/2018 08:50	10/10/2018
98504	W45-A	Aqueous	10/08/2018 08:50	10/10/2018
98505	W46-A	Aqueous	10/08/2018 08:57	10/10/2018
98506	W47-A	Aqueous	10/08/2018 09:01	10/10/2018
98507	W48-A	Aqueous	10/08/2018 09:02	10/10/2018
98508	W49-A	Aqueous	10/08/2018 09:03	10/10/2018
98509	W50-A	Aqueous	10/08/2018 09:04	10/10/2018
98510	W51-A	Aqueous	10/08/2018 09:07	10/10/2018
98511	W52-A	Aqueous	10/08/2018 09:09	10/10/2018

Sample Summary Table

Report Number: 18-283-0242
Client Project Description: CCPS: Forest Park High School
Project#18000-18861

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
98512	W53-A	Aqueous	10/08/2018 09:11	10/10/2018
98513	W54-A	Aqueous	10/08/2018 09:11	10/10/2018
98514	W55-A	Aqueous	10/08/2018 09:12	10/10/2018
98515	W56-A	Aqueous	10/08/2018 09:14	10/10/2018
98516	W57-A	Aqueous	10/08/2018 09:14	10/10/2018
98517	W58-A	Aqueous	10/08/2018 09:15	10/10/2018
98518	W59-A	Aqueous	10/08/2018 09:16	10/10/2018
98519	W60-A	Aqueous	10/08/2018 09:22	10/10/2018
98520	W61-A	Aqueous	10/08/2018 09:23	10/10/2018
98521	W62-A	Aqueous	10/08/2018 09:25	10/10/2018
98522	W63-A	Aqueous	10/08/2018 09:25	10/10/2018
98523	W64-A	Aqueous	10/08/2018 09:26	10/10/2018
98524	W65-A	Aqueous	10/08/2018 09:27	10/10/2018
98525	W66-A	Aqueous	10/08/2018 09:36	10/10/2018
98526	W67-A	Aqueous	10/08/2018 09:40	10/10/2018
98527	W68-A	Aqueous	10/08/2018 09:41	10/10/2018
98528	W69-A	Aqueous	10/08/2018 09:42	10/10/2018
98529	W70-A	Aqueous	10/08/2018 09:44	10/10/2018
98530	W71-A	Aqueous	10/08/2018 09:45	10/10/2018

Summary of Detected Analytes

Project: CCPS: Forest Park High School

Report Number: 18-283-0242

Client Sample ID	Lab Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
W1-A	L 98460					
EPA-200.8	Copper	243	µg/L	0.500	10/11/2018 22:02	
EPA-200.8	Copper	243	µg/L	0.500	10/11/2018 22:02	
W2-A	L 98461					
EPA-200.8	Copper	179	µg/L	0.500	10/11/2018 22:04	
EPA-200.8	Copper	179	µg/L	0.500	10/11/2018 22:04	
W3-A	L 98462					
EPA-200.8	Copper	225	µg/L	0.500	10/11/2018 22:05	
EPA-200.8	Copper	225	µg/L	0.500	10/11/2018 22:05	
W4-A	L 98463					
EPA-200.8	Copper	112	µg/L	0.500	10/11/2018 22:06	
EPA-200.8	Copper	112	µg/L	0.500	10/11/2018 22:06	
W5-A	L 98464					
EPA-200.8	Copper	172	µg/L	0.500	10/11/2018 22:08	
EPA-200.8	Copper	172	µg/L	0.500	10/11/2018 22:08	
W6-A	L 98465					
EPA-200.8	Copper	160	µg/L	0.500	10/11/2018 22:09	
EPA-200.8	Copper	160	µg/L	0.500	10/11/2018 22:09	
W7-A	L 98466					
EPA-200.8	Copper	93.6	µg/L	0.500	10/11/2018 22:10	
EPA-200.8	Copper	93.6	µg/L	0.500	10/11/2018 22:10	
W8-A	L 98467					
EPA-200.8	Copper	86.6	µg/L	0.500	10/11/2018 22:16	
EPA-200.8	Copper	86.6	µg/L	0.500	10/11/2018 22:16	
W9-A	L 98468					
EPA-200.8	Copper	73.9	µg/L	0.500	10/11/2018 22:17	
EPA-200.8	Lead	0.826	µg/L	0.500	10/11/2018 22:17	
EPA-200.8	Copper	73.9	µg/L	0.500	10/11/2018 22:17	
EPA-200.8	Lead	0.826	µg/L	0.500	10/11/2018 22:17	
W10-A	L 98469					
EPA-200.8	Copper	84.9	µg/L	0.500	10/11/2018 22:18	
EPA-200.8	Copper	84.9	µg/L	0.500	10/11/2018 22:18	
W11-A	L 98470					
EPA-200.8	Copper	81.7	µg/L	0.500	10/11/2018 22:20	

Summary of Detected Analytes

Project: CCPS: Forest Park High School

Report Number: 18-283-0242

Client Sample ID Method	Lab Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
W11-A	L 98470					
EPA-200.8	Copper	81.7	µg/L	0.500	10/11/2018 22:20	
W12-A	L 98471					
EPA-200.8	Copper	0.641	µg/L	0.500	10/11/2018 22:21	
EPA-200.8	Copper	0.641	µg/L	0.500	10/11/2018 22:21	
W13-A	L 98472					
EPA-200.8	Copper	163	µg/L	0.500	10/11/2018 22:22	
EPA-200.8	Copper	163	µg/L	0.500	10/11/2018 22:22	
W14-A	L 98473					
EPA-200.8	Copper	141	µg/L	0.500	10/11/2018 22:24	
EPA-200.8	Copper	141	µg/L	0.500	10/11/2018 22:24	
W15-A	L 98474					
EPA-200.8	Copper	158	µg/L	0.500	10/11/2018 22:25	
EPA-200.8	Copper	158	µg/L	0.500	10/11/2018 22:25	
W16-A	L 98475					
EPA-200.8	Copper	84.2	µg/L	0.500	10/11/2018 22:27	
EPA-200.8	Copper	84.2	µg/L	0.500	10/11/2018 22:27	
W17-A	L 98476					
EPA-200.8	Copper	93.3	µg/L	0.500	10/11/2018 22:28	
EPA-200.8	Copper	93.3	µg/L	0.500	10/11/2018 22:28	
W18-A	L 98477					
EPA-200.8	Copper	95.2	µg/L	0.500	10/11/2018 22:43	
EPA-200.8	Copper	95.2	µg/L	0.500	10/11/2018 22:43	
W19-A	L 98478					
EPA-200.8	Copper	107	µg/L	0.500	10/11/2018 22:44	
EPA-200.8	Copper	107	µg/L	0.500	10/11/2018 22:44	
W20-A	L 98479					
EPA-200.8	Copper	127	µg/L	0.500	10/11/2018 22:46	
EPA-200.8	Copper	127	µg/L	0.500	10/11/2018 22:46	
W21-A	L 98480					
EPA-200.8	Copper	154	µg/L	0.500	10/11/2018 22:47	
EPA-200.8	Copper	154	µg/L	0.500	10/11/2018 22:47	
W22-A	L 98481					
EPA-200.8	Copper	157	µg/L	0.500	10/11/2018 22:52	

Summary of Detected Analytes

Project: CCPS: Forest Park High School

Report Number: 18-283-0242

Client Sample ID Method	Lab Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
W22-A	L 98481					
EPA-200.8	Copper	157	µg/L	0.500	10/11/2018 22:52	
W23-A	L 98482					
EPA-200.8	Copper	164	µg/L	0.500	10/11/2018 22:54	
EPA-200.8	Copper	164	µg/L	0.500	10/11/2018 22:54	
W24-A	L 98483					
EPA-200.8	Copper	90.3	µg/L	0.500	10/11/2018 22:55	
EPA-200.8	Copper	90.3	µg/L	0.500	10/11/2018 22:55	
W25-A	L 98484					
EPA-200.8	Copper	103	µg/L	0.500	10/11/2018 22:56	
EPA-200.8	Copper	103	µg/L	0.500	10/11/2018 22:56	
W26-A	L 98485					
EPA-200.8	Copper	205	µg/L	0.500	10/11/2018 22:58	
EPA-200.8	Lead	0.526	µg/L	0.500	10/11/2018 22:58	
EPA-200.8	Copper	205	µg/L	0.500	10/11/2018 22:58	
EPA-200.8	Lead	0.526	µg/L	0.500	10/11/2018 22:58	
W27-A	L 98486					
EPA-200.8	Copper	142	µg/L	0.500	10/11/2018 22:59	
EPA-200.8	Copper	142	µg/L	0.500	10/11/2018 22:59	
W28-A	L 98487					
EPA-200.8	Copper	145	µg/L	0.500	10/11/2018 23:01	
EPA-200.8	Copper	145	µg/L	0.500	10/11/2018 23:01	
W29-A	L 98488					
EPA-200.8	Copper	124	µg/L	0.500	10/11/2018 23:02	
EPA-200.8	Copper	124	µg/L	0.500	10/11/2018 23:02	
W30-A	L 98489					
EPA-200.8	Copper	139	µg/L	0.500	10/11/2018 23:03	
EPA-200.8	Copper	139	µg/L	0.500	10/11/2018 23:03	
W31-A	L 98490					
EPA-200.8	Copper	196	µg/L	0.500	10/11/2018 23:05	
EPA-200.8	Copper	196	µg/L	0.500	10/11/2018 23:05	
W32-A	L 98491					
EPA-200.8	Copper	192	µg/L	0.500	10/11/2018 23:10	
EPA-200.8	Copper	192	µg/L	0.500	10/11/2018 23:10	

Summary of Detected Analytes

Project: CCPS: Forest Park High School

Report Number: 18-283-0242

Client Sample ID	Lab Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
W33-A	L 98492					
EPA-200.8	Copper	1.02	µg/L	0.500	10/11/2018 23:11	
EPA-200.8	Copper	1.02	µg/L	0.500	10/11/2018 23:11	
W34-A	L 98493					
EPA-200.8	Copper	149	µg/L	0.500	10/11/2018 23:13	
EPA-200.8	Copper	149	µg/L	0.500	10/11/2018 23:13	
W35-A	L 98494					
EPA-200.8	Copper	146	µg/L	0.500	10/11/2018 23:14	
EPA-200.8	Copper	146	µg/L	0.500	10/11/2018 23:14	
W36-A	L 98495					
EPA-200.8	Copper	465	µg/L	0.500	10/11/2018 23:15	
EPA-200.8	Lead	1.02	µg/L	0.500	10/11/2018 23:15	
EPA-200.8	Copper	465	µg/L	0.500	10/11/2018 23:15	
EPA-200.8	Lead	1.02	µg/L	0.500	10/11/2018 23:15	
W37-A	L 98496					
EPA-200.8	Copper	251	µg/L	0.500	10/11/2018 23:18	
EPA-200.8	Lead	0.572	µg/L	0.500	10/11/2018 23:18	
EPA-200.8	Copper	251	µg/L	0.500	10/11/2018 23:18	
EPA-200.8	Lead	0.572	µg/L	0.500	10/11/2018 23:18	
W38-A	L 98497					
EPA-200.8	Copper	315	µg/L	0.500	10/11/2018 23:37	
EPA-200.8	Lead	0.747	µg/L	0.500	10/11/2018 23:37	
EPA-200.8	Copper	315	µg/L	0.500	10/11/2018 23:37	
EPA-200.8	Lead	0.747	µg/L	0.500	10/11/2018 23:37	
W39-A	L 98498					
EPA-200.8	Copper	179	µg/L	0.500	10/11/2018 23:40	
EPA-200.8	Lead	0.694	µg/L	0.500	10/11/2018 23:40	
EPA-200.8	Copper	179	µg/L	0.500	10/11/2018 23:40	
EPA-200.8	Lead	0.694	µg/L	0.500	10/11/2018 23:40	
W40-A	L 98499					
EPA-200.8	Copper	191	µg/L	0.500	10/11/2018 23:41	
EPA-200.8	Lead	0.712	µg/L	0.500	10/11/2018 23:41	
EPA-200.8	Copper	191	µg/L	0.500	10/11/2018 23:41	
EPA-200.8	Lead	0.712	µg/L	0.500	10/11/2018 23:41	

Summary of Detected Analytes

Project: CCPS: Forest Park High School

Report Number: 18-283-0242

Client Sample ID	Lab Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
W41-A	L 98500					
EPA-200.8	Copper	236	µg/L	0.500	10/11/2018 23:42	
EPA-200.8	Lead	1.14	µg/L	0.500	10/11/2018 23:42	
EPA-200.8	Copper	236	µg/L	0.500	10/11/2018 23:42	
EPA-200.8	Lead	1.14	µg/L	0.500	10/11/2018 23:42	
W42-A	L 98501					
EPA-200.8	Copper	111	µg/L	0.500	10/11/2018 23:44	
EPA-200.8	Lead	0.968	µg/L	0.500	10/11/2018 23:44	
EPA-200.8	Copper	111	µg/L	0.500	10/11/2018 23:44	
EPA-200.8	Lead	0.968	µg/L	0.500	10/11/2018 23:44	
W43-A	L 98502					
EPA-200.8	Copper	194	µg/L	0.500	10/11/2018 23:45	
EPA-200.8	Lead	0.503	µg/L	0.500	10/11/2018 23:45	
EPA-200.8	Copper	194	µg/L	0.500	10/11/2018 23:45	
EPA-200.8	Lead	0.503	µg/L	0.500	10/11/2018 23:45	
W44-A	L 98503					
EPA-200.8	Copper	69.5	µg/L	0.500	10/11/2018 23:46	
EPA-200.8	Copper	69.5	µg/L	0.500	10/11/2018 23:46	
W45-A	L 98504					
EPA-200.8	Copper	81.2	µg/L	0.500	10/11/2018 23:48	
EPA-200.8	Copper	81.2	µg/L	0.500	10/11/2018 23:48	
W46-A	L 98505					
EPA-200.8	Copper	244	µg/L	0.500	10/11/2018 23:53	
EPA-200.8	Copper	244	µg/L	0.500	10/11/2018 23:53	
W47-A	L 98506					
EPA-200.8	Copper	185	µg/L	0.500	10/11/2018 23:54	
EPA-200.8	Lead	1.32	µg/L	0.500	10/11/2018 23:54	
EPA-200.8	Copper	185	µg/L	0.500	10/11/2018 23:54	
EPA-200.8	Lead	1.32	µg/L	0.500	10/11/2018 23:54	
W48-A	L 98507					
EPA-200.8	Copper	188	µg/L	0.500	10/11/2018 23:56	
EPA-200.8	Lead	1.13	µg/L	0.500	10/11/2018 23:56	
EPA-200.8	Copper	188	µg/L	0.500	10/11/2018 23:56	
EPA-200.8	Lead	1.13	µg/L	0.500	10/11/2018 23:56	

Summary of Detected Analytes

Project: CCPS: Forest Park High School

Report Number: 18-283-0242

Client Sample ID Method	Lab Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
W49-A	L 98508					
EPA-200.8	Copper	969	µg/L	2.50	10/12/2018 19:46	
EPA-200.8	Lead	13.7	µg/L	0.500	10/11/2018 23:57	
EPA-200.8	Copper	969	µg/L	2.50	10/12/2018 19:46	
EPA-200.8	Lead	13.7	µg/L	0.500	10/11/2018 23:57	
W50-A	L 98509					
EPA-200.8	Copper	1140	µg/L	2.50	10/12/2018 19:47	
EPA-200.8	Lead	21.5	µg/L	0.500	10/12/2018 00:00	
EPA-200.8	Copper	1140	µg/L	2.50	10/12/2018 19:47	
EPA-200.8	Lead	21.5	µg/L	0.500	10/12/2018 00:00	
W51-A	L 98510					
EPA-200.8	Copper	191	µg/L	0.500	10/12/2018 00:03	
EPA-200.8	Copper	191	µg/L	0.500	10/12/2018 00:03	
W52-A	L 98511					
EPA-200.8	Copper	236	µg/L	0.500	10/12/2018 00:05	
EPA-200.8	Lead	1.10	µg/L	0.500	10/12/2018 00:05	
EPA-200.8	Copper	236	µg/L	0.500	10/12/2018 00:05	
EPA-200.8	Lead	1.10	µg/L	0.500	10/12/2018 00:05	
W53-A	L 98512					
EPA-200.8	Copper	195	µg/L	0.500	10/12/2018 00:06	
EPA-200.8	Lead	0.716	µg/L	0.500	10/12/2018 00:06	
EPA-200.8	Copper	195	µg/L	0.500	10/12/2018 00:06	
EPA-200.8	Lead	0.716	µg/L	0.500	10/12/2018 00:06	
W54-A	L 98513					
EPA-200.8	Copper	220	µg/L	0.500	10/12/2018 00:07	
EPA-200.8	Lead	1.58	µg/L	0.500	10/12/2018 00:07	
EPA-200.8	Copper	220	µg/L	0.500	10/12/2018 00:07	
EPA-200.8	Lead	1.58	µg/L	0.500	10/12/2018 00:07	
W55-A	L 98514					
EPA-200.8	Copper	401	µg/L	0.500	10/12/2018 00:09	
EPA-200.8	Lead	1.99	µg/L	0.500	10/12/2018 00:09	
EPA-200.8	Copper	401	µg/L	0.500	10/12/2018 00:09	
EPA-200.8	Lead	1.99	µg/L	0.500	10/12/2018 00:09	
W56-A	L 98515					
EPA-200.8	Copper	698	µg/L	0.500	10/12/2018 00:14	
EPA-200.8	Lead	7.69	µg/L	0.500	10/12/2018 00:14	

Summary of Detected Analytes

Project: CCPS: Forest Park High School

Report Number: 18-283-0242

Client Sample ID	Lab Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
W56-A	L 98515					
EPA-200.8	Copper	698	µg/L	0.500	10/12/2018 00:14	
EPA-200.8	Lead	7.69	µg/L	0.500	10/12/2018 00:14	
W57-A	L 98516					
EPA-200.8	Copper	359	µg/L	0.500	10/12/2018 00:17	
EPA-200.8	Lead	3.82	µg/L	0.500	10/12/2018 00:17	
EPA-200.8	Copper	359	µg/L	0.500	10/12/2018 00:17	
EPA-200.8	Lead	3.82	µg/L	0.500	10/12/2018 00:17	
W58-A	L 98517					
EPA-200.8	Copper	130	µg/L	0.500	10/12/2018 16:46	
EPA-200.8	Lead	2.02	µg/L	0.500	10/12/2018 16:46	
EPA-200.8	Copper	130	µg/L	0.500	10/12/2018 16:46	
EPA-200.8	Lead	2.02	µg/L	0.500	10/12/2018 16:46	
W59-A	L 98518					
EPA-200.8	Copper	194	µg/L	0.500	10/12/2018 16:48	
EPA-200.8	Lead	0.999	µg/L	0.500	10/12/2018 16:48	
EPA-200.8	Copper	194	µg/L	0.500	10/12/2018 16:48	
EPA-200.8	Lead	0.999	µg/L	0.500	10/12/2018 16:48	
W60-A	L 98519					
EPA-200.8	Copper	375	µg/L	0.500	10/12/2018 16:49	
EPA-200.8	Lead	4.44	µg/L	0.500	10/12/2018 16:49	
EPA-200.8	Copper	375	µg/L	0.500	10/12/2018 16:49	
EPA-200.8	Lead	4.44	µg/L	0.500	10/12/2018 16:49	
W61-A	L 98520					
EPA-200.8	Copper	189	µg/L	0.500	10/12/2018 16:52	
EPA-200.8	Lead	1.99	µg/L	0.500	10/12/2018 16:52	
EPA-200.8	Copper	189	µg/L	0.500	10/12/2018 16:52	
EPA-200.8	Lead	1.99	µg/L	0.500	10/12/2018 16:52	
W62-A	L 98521					
EPA-200.8	Copper	73.0	µg/L	0.500	10/12/2018 16:53	
EPA-200.8	Copper	73.0	µg/L	0.500	10/12/2018 16:53	
W63-A	L 98522					
EPA-200.8	Copper	74.8	µg/L	0.500	10/12/2018 16:55	
EPA-200.8	Copper	74.8	µg/L	0.500	10/12/2018 16:55	

Summary of Detected Analytes

Project: CCPS: Forest Park High School

Report Number: 18-283-0242

Client Sample ID Method	Lab Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
W64-A	L 98523					
EPA-200.8	Copper	70.4	µg/L	0.500	10/12/2018 16:56	
EPA-200.8	Copper	70.4	µg/L	0.500	10/12/2018 16:56	
W65-A	L 98524					
EPA-200.8	Copper	70.4	µg/L	0.500	10/12/2018 16:57	
EPA-200.8	Copper	70.4	µg/L	0.500	10/12/2018 16:57	
W66-A	L 98525					
EPA-200.8	Copper	164	µg/L	0.500	10/12/2018 17:03	
EPA-200.8	Lead	5.65	µg/L	0.500	10/12/2018 17:03	
EPA-200.8	Copper	164	µg/L	0.500	10/12/2018 17:03	
EPA-200.8	Lead	5.65	µg/L	0.500	10/12/2018 17:03	
W67-A	L 98526					
EPA-200.8	Copper	161	µg/L	0.500	10/12/2018 17:04	
EPA-200.8	Copper	161	µg/L	0.500	10/12/2018 17:04	
W68-A	L 98527					
EPA-200.8	Copper	166	µg/L	0.500	10/12/2018 17:05	
EPA-200.8	Copper	166	µg/L	0.500	10/12/2018 17:05	
W69-A	L 98528					
EPA-200.8	Copper	280	µg/L	0.500	10/12/2018 17:07	
EPA-200.8	Copper	280	µg/L	0.500	10/12/2018 17:07	
W70-A	L 98529					
EPA-200.8	Copper	146	µg/L	0.500	10/12/2018 17:10	
EPA-200.8	Copper	146	µg/L	0.500	10/12/2018 17:10	
W71-A	L 98530					
EPA-200.8	Copper	147	µg/L	0.500	10/12/2018 17:11	
EPA-200.8	Copper	147	µg/L	0.500	10/12/2018 17:11	

Client: GLE Associates
Project: CCPS: Forest Park High School
Lab Report Number: 18-283-0242
Date: 10/15/2018

CASE NARRATIVE

Metals Analyses Method EPA-200.8

Sample 98496 (W37-A)

Analyte: Copper

QC Batch No: L403736/L403314

The matrix spike (MS) and/or the matrix spike duplicate (MSD) was out of the acceptable recovery range due to the analyte concentration being greater than 25 times the method quantitation limit (MQL). A dilution test was performed and the recovery was within the method limits. No matrix interference is suspected.

Sample 98516 (W57-A)

QC Batch No: L403736/L403315

The matrix spike (MS) and/or the matrix spike duplicate (MSD) was out of the acceptable recovery range due to the analyte concentration being greater than 25 times the method quantitation limit (MQL). A dilution test was performed and the recovery was within the method limits. No matrix interference is suspected.

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

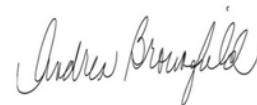
Suite 820

Atlanta, GA 30309

Project CCPS: Forest Park High School
Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98460**

Matrix: **Aqueous**

Sample ID : **W1-A**

Sampled: **10/8/2018 7:24**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	243	µg/L	0.500	1	10/11/18 22:02	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:02	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

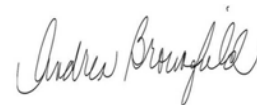
Suite 820

Atlanta, GA 30309

Project CCPS: Forest Park High School
Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98461**

Sample ID : **W2-A**

Matrix: **Aqueous**

Sampled: **10/8/2018 7:25**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	179	µg/L	0.500	1	10/11/18 22:04	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:04	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

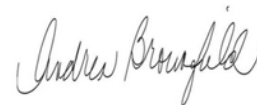
Suite 820

Atlanta, GA 30309

Project CCPS: Forest Park High School
Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98462**

Matrix: **Aqueous**

Sample ID : **W3-A**

Sampled: **10/8/2018 7:25**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	225	µg/L	0.500	1	10/11/18 22:05	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:05	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

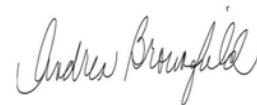
Suite 820

Atlanta, GA 30309

Project CCPS: Forest Park High School
Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98463**

Matrix: **Aqueous**

Sample ID : **W4-A**

Sampled: **10/8/2018 7:29**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	112	µg/L	0.500	1	10/11/18 22:06	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:06	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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Suite 820

Atlanta, GA 30309

Project CCPS: Forest Park High School
Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98464**

Matrix: **Aqueous**

Sample ID : **W5-A**

Sampled: **10/8/2018 7:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	172	µg/L	0.500	1	10/11/18 22:08	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:08	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

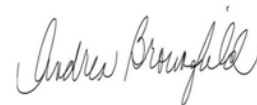
Suite 820

Atlanta, GA 30309

Project CCPS: Forest Park High School
Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98465**

Matrix: **Aqueous**

Sample ID : **W6-A**

Sampled: **10/8/2018 7:32**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	160	µg/L	0.500	1	10/11/18 22:09	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:09	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

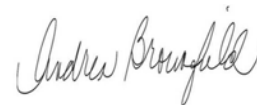
Suite 820

Atlanta, GA 30309

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Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98466**

Matrix: **Aqueous**

Sample ID : **W7-A**

Sampled: **10/8/2018 7:32**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	93.6	µg/L	0.500	1	10/11/18 22:10	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:10	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

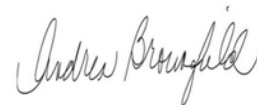
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98467**

Sample ID : **W8-A**

Matrix: **Aqueous**

Sampled: **10/8/2018 7:33**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	86.6	µg/L	0.500	1	10/11/18 22:16	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:16	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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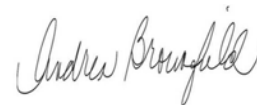
Suite 820

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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98468**

Matrix: **Aqueous**

Sample ID : **W9-A**

Sampled: **10/8/2018 7:33**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	73.9	µg/L	0.500	1	10/11/18 22:17	BKN	EPA-200.8
Lead	0.826	µg/L	0.500	1	10/11/18 22:17	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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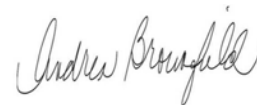
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98469**

Matrix: **Aqueous**

Sample ID : **W10-A**

Sampled: **10/8/2018 7:35**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	84.9	µg/L	0.500	1	10/11/18 22:18	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:18	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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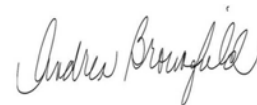
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98470**

Matrix: **Aqueous**

Sample ID : **W11-A**

Sampled: **10/8/2018 7:36**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	81.7	µg/L	0.500	1	10/11/18 22:20	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:20	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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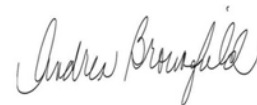
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98471**

Sample ID : **W12-A**

Matrix: **Aqueous**

Sampled: **10/8/2018 7:38**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	0.641	µg/L	0.500	1	10/11/18 22:21	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:21	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98472**

Matrix: **Aqueous**

Sample ID : **W13-A**

Sampled: **10/8/2018 7:44**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	163	µg/L	0.500	1	10/11/18 22:22	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:22	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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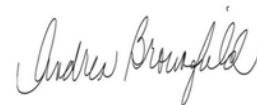
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98473**

Sample ID : **W14-A**

Matrix: **Aqueous**

Sampled: **10/8/2018 7:44**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	141	µg/L	0.500	1	10/11/18 22:24	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:24	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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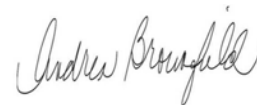
Suite 820

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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98474**

Matrix: **Aqueous**

Sample ID : **W15-A**

Sampled: **10/8/2018 7:47**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	158	µg/L	0.500	1	10/11/18 22:25	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:25	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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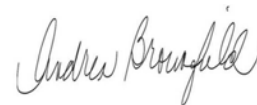
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98475**

Sample ID : **W16-A**

Matrix: **Aqueous**

Sampled: **10/8/2018 7:50**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	84.2	µg/L	0.500	1	10/11/18 22:27	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:27	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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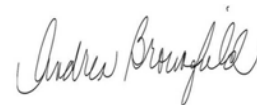
Suite 820

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Report Date : 10/15/2018

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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98476**

Matrix: **Aqueous**

Sample ID : **W17-A**

Sampled: **10/8/2018 7:50**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	93.3	µg/L	0.500	1	10/11/18 22:28	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:28	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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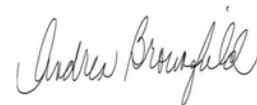
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98477**

Sample ID : **W18-A**

Matrix: **Aqueous**

Sampled: **10/8/2018 7:51**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	95.2	µg/L	0.500	1	10/11/18 22:43	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:43	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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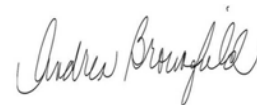
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98478**

Matrix: **Aqueous**

Sample ID : **W19-A**

Sampled: **10/8/2018 7:51**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	107	µg/L	0.500	1	10/11/18 22:44	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:44	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

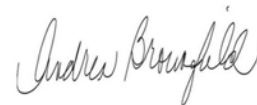
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98479**

Matrix: **Aqueous**

Sample ID : **W20-A**

Sampled: **10/8/2018 7:55**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	127	µg/L	0.500	1	10/11/18 22:46	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:46	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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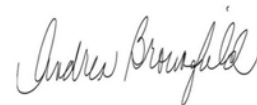
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98480**

Matrix: **Aqueous**

Sample ID : **W21-A**

Sampled: **10/8/2018 7:55**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	154	µg/L	0.500	1	10/11/18 22:47	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:47	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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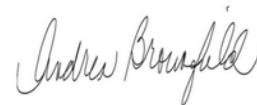
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98481**

Sample ID : **W22-A**

Matrix: **Aqueous**

Sampled: **10/8/2018 7:57**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	157	µg/L	0.500	1	10/11/18 22:52	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:52	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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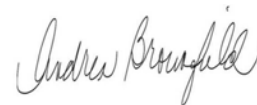
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98482**

Matrix: **Aqueous**

Sample ID : **W23-A**

Sampled: **10/8/2018 7:57**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	164	µg/L	0.500	1	10/11/18 22:54	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:54	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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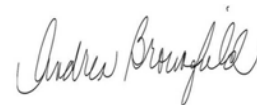
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98483**

Sample ID : **W24-A**

Matrix: **Aqueous**

Sampled: **10/8/2018 8:07**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	90.3	µg/L	0.500	1	10/11/18 22:55	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:55	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

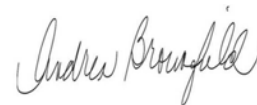
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98484**

Matrix: **Aqueous**

Sample ID : **W25-A**

Sampled: **10/8/2018 8:07**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	103	µg/L	0.500	1	10/11/18 22:56	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:56	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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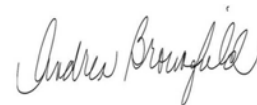
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98485**

Matrix: **Aqueous**

Sample ID : **W26-A**

Sampled: **10/8/2018 8:09**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	205	µg/L	0.500	1	10/11/18 22:58	BKN	EPA-200.8
Lead	0.526	µg/L	0.500	1	10/11/18 22:58	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

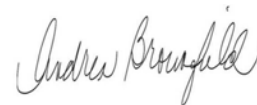
Suite 820

Atlanta, GA 30309

Project CCPS: Forest Park High School
Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98486**

Matrix: **Aqueous**

Sample ID : **W27-A**

Sampled: **10/8/2018 8:12**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	142	µg/L	0.500	1	10/11/18 22:59	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 22:59	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

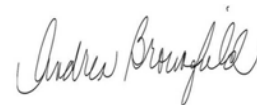
Suite 820

Atlanta, GA 30309

Project CCPS: Forest Park High School
Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98487**

Matrix: **Aqueous**

Sample ID : **W28-A**

Sampled: **10/8/2018 8:13**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	145	µg/L	0.500	1	10/11/18 23:01	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 23:01	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

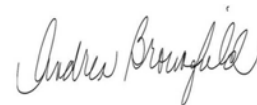
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Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98488**

Matrix: **Aqueous**

Sample ID : **W29-A**

Sampled: **10/8/2018 8:14**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	124	µg/L	0.500	1	10/11/18 23:02	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 23:02	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

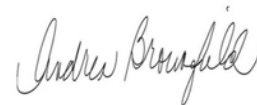
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Report Date : 10/15/2018

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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98489**

Matrix: **Aqueous**

Sample ID : **W30-A**

Sampled: **10/8/2018 8:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	139	µg/L	0.500	1	10/11/18 23:03	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 23:03	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

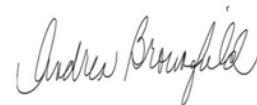
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Report Date : 10/15/2018

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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98490**

Matrix: **Aqueous**

Sample ID : **W31-A**

Sampled: **10/8/2018 8:20**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	196	µg/L	0.500	1	10/11/18 23:05	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 23:05	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

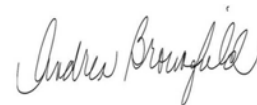
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Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98491**

Matrix: **Aqueous**

Sample ID : **W32-A**

Sampled: **10/8/2018 8:20**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	192	µg/L	0.500	1	10/11/18 23:10	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 23:10	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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Atlanta, GA 30309

Project CCPS: Forest Park High School
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Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98492**

Matrix: **Aqueous**

Sample ID : **W33-A**

Sampled: **10/8/2018 8:22**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	1.02	µg/L	0.500	1	10/11/18 23:11	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 23:11	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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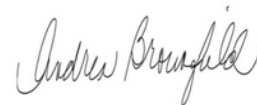
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Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98493**

Matrix: **Aqueous**

Sample ID : **W34-A**

Sampled: **10/8/2018 8:27**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	149	µg/L	0.500	1	10/11/18 23:13	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 23:13	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

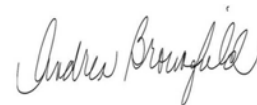
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Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98494**

Matrix: **Aqueous**

Sample ID : **W35-A**

Sampled: **10/8/2018 8:28**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	146	µg/L	0.500	1	10/11/18 23:14	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 23:14	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

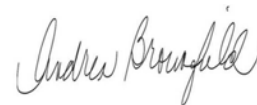
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98495**

Matrix: **Aqueous**

Sample ID : **W36-A**

Sampled: **10/8/2018 8:32**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	465	µg/L	0.500	1	10/11/18 23:15	BKN	EPA-200.8
Lead	1.02	µg/L	0.500	1	10/11/18 23:15	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

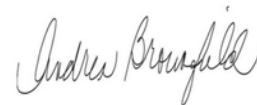
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Report Date : 10/15/2018

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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98496**

Matrix: **Aqueous**

Sample ID : **W37-A**

Sampled: **10/8/2018 8:33**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	251	µg/L	0.500	1	10/11/18 23:18	BKN	EPA-200.8
Lead	0.572	µg/L	0.500	1	10/11/18 23:18	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

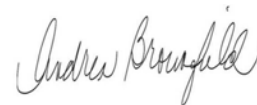
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Report Date : 10/15/2018

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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98497**

Matrix: **Aqueous**

Sample ID : **W38-A**

Sampled: **10/8/2018 8:33**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	315	µg/L	0.500	1	10/11/18 23:37	BKN	EPA-200.8
Lead	0.747	µg/L	0.500	1	10/11/18 23:37	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

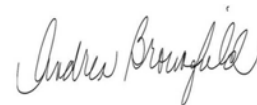
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Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98498**

Matrix: **Aqueous**

Sample ID : **W39-A**

Sampled: **10/8/2018 8:34**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	179	µg/L	0.500	1	10/11/18 23:40	BKN	EPA-200.8
Lead	0.694	µg/L	0.500	1	10/11/18 23:40	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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Atlanta, GA 30309

Project CCPS: Forest Park High School
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Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98499**

Matrix: **Aqueous**

Sample ID : **W40-A**

Sampled: **10/8/2018 8:34**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	191	µg/L	0.500	1	10/11/18 23:41	BKN	EPA-200.8
Lead	0.712	µg/L	0.500	1	10/11/18 23:41	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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Atlanta, GA 30309

Project CCPS: Forest Park High School
Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98500**

Matrix: **Aqueous**

Sample ID : **W41-A**

Sampled: **10/8/2018 8:35**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	236	µg/L	0.500	1	10/11/18 23:42	BKN	EPA-200.8
Lead	1.14	µg/L	0.500	1	10/11/18 23:42	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

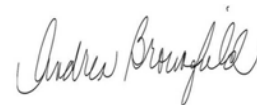
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Atlanta, GA 30309

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Report Date : 10/15/2018

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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98501**

Matrix: **Aqueous**

Sample ID : **W42-A**

Sampled: **10/8/2018 8:43**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	111	µg/L	0.500	1	10/11/18 23:44	BKN	EPA-200.8
Lead	0.968	µg/L	0.500	1	10/11/18 23:44	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

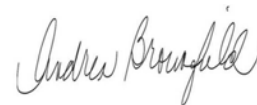
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98502**

Matrix: **Aqueous**

Sample ID : **W43-A**

Sampled: **10/8/2018 8:44**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	194	µg/L	0.500	1	10/11/18 23:45	BKN	EPA-200.8
Lead	0.503	µg/L	0.500	1	10/11/18 23:45	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

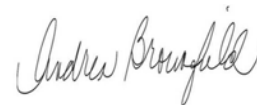
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98503**

Matrix: **Aqueous**

Sample ID : **W44-A**

Sampled: **10/8/2018 8:50**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	69.5	µg/L	0.500	1	10/11/18 23:46	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 23:46	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

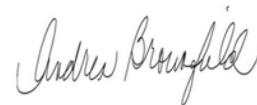
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98504**

Matrix: **Aqueous**

Sample ID : **W45-A**

Sampled: **10/8/2018 8:50**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	81.2	µg/L	0.500	1	10/11/18 23:48	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 23:48	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

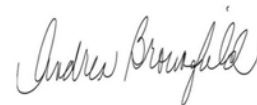
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98505**

Matrix: **Aqueous**

Sample ID : **W46-A**

Sampled: **10/8/2018 8:57**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	244	µg/L	0.500	1	10/11/18 23:53	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/11/18 23:53	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

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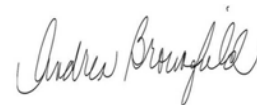
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98506**

Matrix: **Aqueous**

Sample ID : **W47-A**

Sampled: **10/8/2018 9:01**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	185	µg/L	0.500	1	10/11/18 23:54	BKN	EPA-200.8
Lead	1.32	µg/L	0.500	1	10/11/18 23:54	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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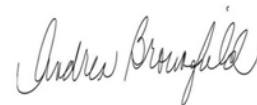
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98507**

Matrix: **Aqueous**

Sample ID : **W48-A**

Sampled: **10/8/2018 9:02**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	188	µg/L	0.500	1	10/11/18 23:56	BKN	EPA-200.8
Lead	1.13	µg/L	0.500	1	10/11/18 23:56	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

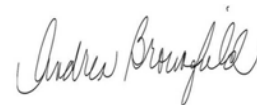
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Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98508**

Matrix: **Aqueous**

Sample ID : **W49-A**

Sampled: **10/8/2018 9:03**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	969	µg/L	2.50	5	10/12/18 19:46	BKN	EPA-200.8
Lead	13.7	µg/L	0.500	1	10/11/18 23:57	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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Atlanta, GA 30309

Project CCPS: Forest Park High School
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98509**

Matrix: **Aqueous**

Sample ID : **W50-A**

Sampled: **10/8/2018 9:04**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	1140	µg/L	2.50	5	10/12/18 19:47	BKN	EPA-200.8
Lead	21.5	µg/L	0.500	1	10/12/18 00:00	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

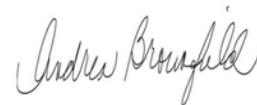
Suite 820

Atlanta, GA 30309

Project CCPS: Forest Park High School
Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98510**

Sample ID : **W51-A**

Matrix: **Aqueous**

Sampled: **10/8/2018 9:07**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	191	µg/L	0.500	1	10/12/18 00:03	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/12/18 00:03	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

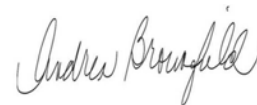
Suite 820

Atlanta, GA 30309

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Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98511**

Matrix: **Aqueous**

Sample ID : **W52-A**

Sampled: **10/8/2018 9:09**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	236	µg/L	0.500	1	10/12/18 00:05	BKN	EPA-200.8
Lead	1.10	µg/L	0.500	1	10/12/18 00:05	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

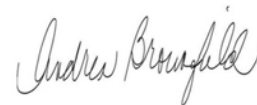
Suite 820

Atlanta, GA 30309

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Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98512**

Matrix: **Aqueous**

Sample ID : **W53-A**

Sampled: **10/8/2018 9:11**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	195	µg/L	0.500	1	10/12/18 00:06	BKN	EPA-200.8
Lead	0.716	µg/L	0.500	1	10/12/18 00:06	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

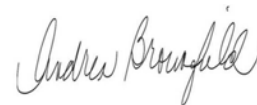
Suite 820

Atlanta, GA 30309

Project CCPS: Forest Park High School
Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98513**

Sample ID : **W54-A**

Matrix: **Aqueous**

Sampled: **10/8/2018 9:11**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	220	µg/L	0.500	1	10/12/18 00:07	BKN	EPA-200.8
Lead	1.58	µg/L	0.500	1	10/12/18 00:07	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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Suite 820

Atlanta, GA 30309

Project CCPS: Forest Park High School
Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98514**

Matrix: **Aqueous**

Sample ID : **W55-A**

Sampled: **10/8/2018 9:12**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	401	µg/L	0.500	1	10/12/18 00:09	BKN	EPA-200.8
Lead	1.99	µg/L	0.500	1	10/12/18 00:09	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

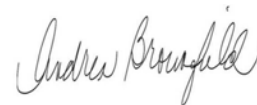
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Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98515**

Matrix: **Aqueous**

Sample ID : **W56-A**

Sampled: **10/8/2018 9:14**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	698	µg/L	0.500	1	10/12/18 00:14	BKN	EPA-200.8
Lead	7.69	µg/L	0.500	1	10/12/18 00:14	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

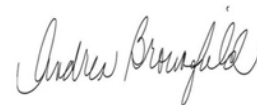
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Atlanta, GA 30309

Project CCPS: Forest Park High School
Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98516**

Matrix: **Aqueous**

Sample ID : **W57-A**

Sampled: **10/8/2018 9:14**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	359	µg/L	0.500	1	10/12/18 00:17	BKN	EPA-200.8
Lead	3.82	µg/L	0.500	1	10/12/18 00:17	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

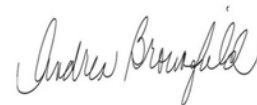
Suite 820

Atlanta, GA 30309

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Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98517**

Sample ID : **W58-A**

Matrix: **Aqueous**

Sampled: **10/8/2018 9:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	130	µg/L	0.500	1	10/12/18 16:46	BKN	EPA-200.8
Lead	2.02	µg/L	0.500	1	10/12/18 16:46	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

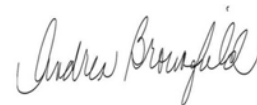
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Project CCPS: Forest Park High School
Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98518**

Matrix: **Aqueous**

Sample ID : **W59-A**

Sampled: **10/8/2018 9:16**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	194	µg/L	0.500	1	10/12/18 16:48	BKN	EPA-200.8
Lead	0.999	µg/L	0.500	1	10/12/18 16:48	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

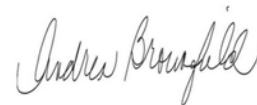
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Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98519**

Matrix: **Aqueous**

Sample ID : **W60-A**

Sampled: **10/8/2018 9:22**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	375	µg/L	0.500	1	10/12/18 16:49	BKN	EPA-200.8
Lead	4.44	µg/L	0.500	1	10/12/18 16:49	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

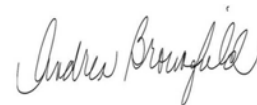
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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98520**

Matrix: **Aqueous**

Sample ID : **W61-A**

Sampled: **10/8/2018 9:23**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	189	µg/L	0.500	1	10/12/18 16:52	BKN	EPA-200.8
Lead	1.99	µg/L	0.500	1	10/12/18 16:52	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

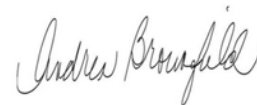
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Report Date : 10/15/2018

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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98521**

Matrix: **Aqueous**

Sample ID : **W62-A**

Sampled: **10/8/2018 9:25**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	73.0	µg/L	0.500	1	10/12/18 16:53	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/12/18 16:53	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

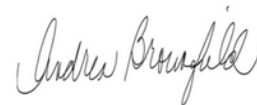
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Project CCPS: Forest Park High School
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Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98522**

Matrix: **Aqueous**

Sample ID : **W63-A**

Sampled: **10/8/2018 9:25**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	74.8	µg/L	0.500	1	10/12/18 16:55	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/12/18 16:55	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

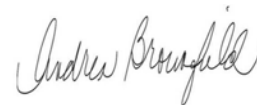
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Project CCPS: Forest Park High School
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Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98523**

Sample ID : **W64-A**

Matrix: **Aqueous**

Sampled: **10/8/2018 9:26**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	70.4	µg/L	0.500	1	10/12/18 16:56	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/12/18 16:56	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

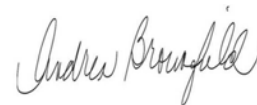
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Report Date : 10/15/2018

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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98524**

Matrix: **Aqueous**

Sample ID : **W65-A**

Sampled: **10/8/2018 9:27**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	70.4	µg/L	0.500	1	10/12/18 16:57	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/12/18 16:57	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

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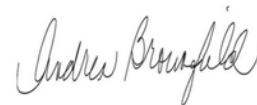
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Report Date : 10/15/2018

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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98525**

Matrix: **Aqueous**

Sample ID : **W66-A**

Sampled: **10/8/2018 9:36**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	164	µg/L	0.500	1	10/12/18 17:03	BKN	EPA-200.8
Lead	5.65	µg/L	0.500	1	10/12/18 17:03	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

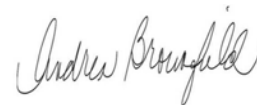
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Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98526**

Matrix: **Aqueous**

Sample ID : **W67-A**

Sampled: **10/8/2018 9:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	161	µg/L	0.500	1	10/12/18 17:04	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/12/18 17:04	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

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Atlanta, GA 30309

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Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98527**

Sample ID : **W68-A**

Matrix: **Aqueous**

Sampled: **10/8/2018 9:41**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	166	µg/L	0.500	1	10/12/18 17:05	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/12/18 17:05	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

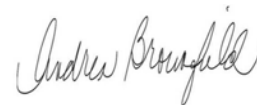
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Report Date : 10/15/2018

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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98528**

Matrix: **Aqueous**

Sample ID : **W69-A**

Sampled: **10/8/2018 9:42**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	280	µg/L	0.500	1	10/12/18 17:07	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/12/18 17:07	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

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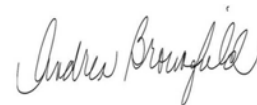
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Report Date : 10/15/2018

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Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98529**

Matrix: **Aqueous**

Sample ID : **W70-A**

Sampled: **10/8/2018 9:44**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	146	µg/L	0.500	1	10/12/18 17:10	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/12/18 17:10	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

23169

GLE Associates

Mr. Matthew Howe

1100 Spring St, NW Suite 820

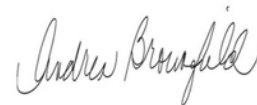
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Information : Project#18000-18861

Report Date : 10/15/2018

Received : 10/10/2018



Andrea R. Brownfield
Project manager

Report Number : **18-283-0242**

REPORT OF ANALYSIS

Lab No : **98530**

Matrix: **Aqueous**

Sample ID : **W71-A**

Sampled: **10/8/2018 9:45**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Copper	147	µg/L	0.500	1	10/12/18 17:11	BKN	EPA-200.8
Lead	<0.500	µg/L	0.500	1	10/12/18 17:11	BKN	EPA-200.8

**Qualifiers/
Definitions**

DF

Dilution Factor

MQL

Method Quantitation Limit

Quality Control Data

Client ID: GLE Associates
Project Description: CCPS: Forest Park High School
Report No: 18-283-0242

QC Prep: L403313 **QC Analytical Batch(es):** L403736
QC Prep Batch Method: EPA-200.8 **Analysis Method:** EPA-200.8
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L403313 Matrix: AQU
Associated Lab Samples: 98460, 98461, 98462, 98463, 98464, 98465, 98466, 98467, 98468, 98469, 98470, 98471, 98472, 98473, 98474, 98475, 98476

Parameter	Units	Blank Result	MQL	Analyzed
Copper	µg/L	< 0.500	0.500	10/11/18 21:51
Lead	µg/L	< 0.500	0.500	10/11/18 21:51

Laboratory Control Sample LCS-L403313

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Copper	µg/L	50.3	49.7	98.9	85-115
Lead	µg/L	50.3	50.4	100	85-115

Matrix Spike & Matrix Spike Duplicate L 98476-MS-L403313 L 98476-MSD-L403313

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Copper	µg/L	93.3	50.3	50.3	135	134	82.9	80.9	70-130	0.7	20.0
Lead	µg/L	< 0.503	50.3	50.3	50.2	49.8	99.8	99.1	70-130	0.8	20.0

Quality Control Data

Client ID: GLE Associates
Project Description: CCPS: Forest Park High School
Report No: 18-283-0242

QC Prep: L403314 **QC Analytical Batch(es):** L403736
QC Prep Batch Method: EPA-200.8 **Analysis Method:** EPA-200.8
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L403314 Matrix: AQU
Associated Lab Samples: 98477, 98478, 98479, 98480, 98481, 98482, 98483, 98484, 98485, 98486, 98487, 98488, 98489, 98490, 98491, 98492, 98493, 98494, 98495, 98496

Parameter	Units	Blank Result	MQL	Analyzed
Copper	µg/L	< 0.500	0.500	10/11/18 22:40
Lead	µg/L	< 0.500	0.500	10/11/18 22:40

Laboratory Control Sample LCS-L403314

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Copper	µg/L	50.3	49.4	98.3	85-115
Lead	µg/L	50.3	49.4	98.3	85-115

Matrix Spike & Matrix Spike Duplicate L 98496-MS-L403314 L 98496-MSD-L403314

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Copper	µg/L	251	50.3	50.3	283	286	63.6*	69.6*	70-130	1.0	20.0
Lead	µg/L	0.572	50.3	50.3	49.8	49.9	97.9	98.1	70-130	0.2	20.0

Quality Control Data

Client ID: GLE Associates
Project Description: CCPS: Forest Park High School
Report No: 18-283-0242

QC Prep: L403315 **QC Analytical Batch(es):** L403736
QC Prep Batch Method: EPA-200.8 **Analysis Method:** EPA-200.8
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L403315 Matrix: AQU
Associated Lab Samples: 98497, 98498, 98499, 98500, 98501, 98502, 98503, 98504, 98505, 98506, 98507, 98508, 98509, 98510, 98511, 98512, 98513, 98514, 98515, 98516

Parameter	Units	Blank Result	MQL	Analyzed
Copper	µg/L	< 0.500	0.500	10/11/18 23:34
Lead	µg/L	< 0.500	0.500	10/11/18 23:34

Laboratory Control Sample LCS-L403315

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Copper	µg/L	50.3	48.2	95.9	85-115
Lead	µg/L	50.3	49.3	98.1	85-115

Matrix Spike & Matrix Spike Duplicate L 98516-MS-L403315 L 98516-MSD-L403315

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Copper	µg/L	359	50.3	50.3	389	389	59.7*	59.7*	70-130	0.0	20.0
Lead	µg/L	3.82	50.3	50.3	50.5	52.6	92.8	97.0	70-130	4.0	20.0

Quality Control Data

Client ID: GLE Associates
Project Description: CCPS: Forest Park High School
Report No: 18-283-0242

QC Prep: L403316 **QC Analytical Batch(es):** L403975
QC Prep Batch Method: EPA-200.8 **Analysis Method:** EPA-200.8
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L403316 Matrix: AQU
Associated Lab Samples: 98517, 98518, 98519, 98520, 98521, 98522, 98523, 98524, 98525, 98526, 98527, 98528, 98529, 98530

Parameter	Units	Blank Result	MQL	Analyzed
Copper	µg/L	< 0.500	0.500	10/12/18 16:42
Lead	µg/L	< 0.500	0.500	10/12/18 16:42

Laboratory Control Sample LCS-L403316

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Copper	µg/L	101	98.9	97.9	85-115
Lead	µg/L	101	102	101	85-115

Matrix Spike & Matrix Spike Duplicate L 98559-MS-L403316 L 98559-MSD-L403316

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Copper	µg/L	51.5	50.3	50.3	96.2	99.4	88.9	95.3	70-130	3.2	20.0
Lead	µg/L	< 0.503	50.3	50.3	50.1	51.1	99.6	102	70-130	1.9	20.0

Cooler Receipt Form

Customer Number: **23169**

Customer Name: **GLE Associates**

Report Number: **18-283-0242**

Shipping Method

☒ Fed Ex	☐ US Postal	☐ Lab	☐ Other :	
☐ UPS	☐ Client	☐ Courier	Thermometer ID:	N/A

Shipping container/cooler uncompromised?	☒ Yes	☐ No	
Number of coolers received	1		
Custody seals intact on shipping container/cooler?	☐ Yes	☐ No	☒ Not Required
Custody seals intact on sample bottles?	☐ Yes	☐ No	☒ Not Required
Chain of Custody (COC) present?	☒ Yes	☐ No	
COC agrees with sample label(s)?	☒ Yes	☐ No	
COC properly completed	☒ Yes	☐ No	
Samples in proper containers?	☒ Yes	☐ No	
Sample containers intact?	☒ Yes	☐ No	
Sufficient sample volume for indicated test(s)?	☒ Yes	☐ No	
All samples received within holding time?	☒ Yes	☐ No	
Cooler temperature in compliance?	☒ Yes	☐ No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	☐ Yes	☒ No	
Water - Sample containers properly preserved	☒ Yes	☐ No	☐ N/A
Water - VOA vials free of headspace	☐ Yes	☐ No	☒ N/A
Trip Blanks received with VOAs	☐ Yes	☐ No	☒ N/A
Soil VOA method 5035 – compliance criteria met	☐ Yes	☐ No	☒ N/A
☐ High concentration container (48 hr)	☐ Low concentration EnCore samplers (48 hr)		
☐ High concentration pre-weighed (methanol -14 d)	☐ Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	☐ Yes	☒ No	

Comments:

Signature:

Sovanchampa Yos

Date & Time:

10/10/2018 11:09:51

Client Name/Address GLE Associates		Client Project Manager/Contact Katrina Riley		Billing Information 1100 Spring Street, 800 Atlanta, GA	
Project Description Pb and Cu		Project/Site Location (City/State) Forest Park High School		☐ RUSH - Additional charges apply ☐ Special Detection Limit(s) Date Results Needed	
Project Number 18000-18861		Project Manager Phone # 404-373-3844		Method of Shipn ☒ Fed Ex ☐ Courier ☐ Other	
Waypoint ANALYTICAL 2790 Whitten Road Memphis, TN 38133 (901) 213-2400		Project Manager Email kriley@gleassociates.com		Purchase Order Num	
Sample Identification		Number of Containers		Matrix (Refer to Key)	
Date Time		Unless noted, all containers per Table II of 40 CFR Part 136.		(g)rab or (C)omposite	
W1-A		W2-A		W3-A	
W4-A		W5-A		W6-A	
W7-A		W8-A		W9-A	
W10-A					
For Laboratory Use Only		Lab Comments		Client Remarks/Comments	
Ice Custody Seals Y/N		Blank/Cooler Temp n/a		Date Time 10/19/18 1320	
Sampled by (Name - Print) K. Riley		Relinquished by: (SIGNATURE) [Signature]		Received by: (SIGNATURE) Hubro Diver	
Relinquished by: (SIGNATURE) [Signature]		Relinquished by: (SIGNATURE) [Signature]		Date Time 10/19/18 1500	
Relinquished by: (SIGNATURE) [Signature]		Relinquished by: (SIGNATURE) [Signature]		Date Time 10/10/18 0805	

18-283-0242
23169-2018
10-10-2018
11:08:21



GLE Associates
COPS: Forest Park High School

U - Oil

For Laboratory Use Only.

18-283-0242
23169 2018
10-10-2018
11:08:21

GLE Associates
CCPS: Forest Park High School

Method of Ship:
☒ Fed Ex
☐ Courier
☐ Other

Billing Information
 1100 Spring Street 820
 Atlanta, GA
☐ RUSH - Additional charges apply
☐ Special Detection Limit(s)
 Date Results Needed

Client Project Manager/Contact
 Katrina Riley
 Project/Site Location (City/State)
 Forest Park High School.

Client Name/Address
 GLE Associates
 Project Description
 Pb and Cu

Project Number
 14000-18861

Waypoint ANALYTICAL
 2790 Whitten Road
 Memphis, TN 38133
 (901) 213-2400

Project Manager Phone #
 404-373-3844

Project Manager Email
 kriley@gleassociates.com
 kriley@gleassociates.com

Site/Facility ID #
 Forest Park High School

Purchase Order No.

Date	Time	Sample Identification	Number of Containers	Matrix (Refer to Key)	(G)rab or (C)omposite	Required Analysis / Preservative	Comments/Notes
8/1/2018	0736	W11-A		DW 6 HNO ₃			Kitchen Steamer 2 Right
	0738	W12-A					Kitchen ICE
	0744	W13-A					HW near RM 222 DNF Right
	0744	W14-A					HW near RM 222 DNF Left
	0747	W15-A					Workroom 221.4 DW
	0750	W16-A					HW near room 229 DNF Right
	0750	W17-A					HW near room 229 DNF Left
	0751	W18-A					HW near room 234 DNF Right
	0751	W19-A					HW near room 234 DNF Left
	0755	W20-A					HW near room 205 DNF Right

For Laboratory Use Only

Ice
 Y/N

Custody
 Seals
 Y/N

Blank/Cooler Temp
 n/a

Lab Comments

Sampled by (Name - Print)
 K. Riley

Relinquished by (Signature)
 [Signature]

Relinquished by (Signature)
 [Signature]

Relinquished by (Signature)
 [Signature]

Relinquished by (Signature)
 [Signature]

Client Remarks/Comments

Received by: (SIGNATURE)
 Hugo River

Date
 10/9/18 1320

Time
 1320

Received by: (SIGNATURE)
 [Signature]

Date
 10/9/18 1500

Time
 1500

Received by: (SIGNATURE)
 [Signature]

Date
 10/10/18 0805

Time
 0805

For Laboratory Use Only

Client Name/Address GLE Associates 1100 Sycamore Street, 820 Atlanta, GA		Client Project Manager/Contact Katrina Riley Project/Site Location (City/State) Forest Park HS		Billing Information 1100 Sycamore Street, 820 Atlanta, GA ☐ RUSH - Additional charges apply ☐ Special Detection Limit(s) ☐ Date Results Needed		Method of S ☒ Fed Ex ☐ Courier Other		Site/Facility ID # Forest Park High School	
Project Description Pb and Cu		Project Manager Phone # 404-373-3844		Project Manager Email kriley@gleassociates.com		Purchase Order Number		Site/Facility ID #	
Waypoint ANALYTICAL 2790 Whitten Road Memphis, TN 38133 (901) 213-2400		Unless noted, all containers per Table II of 40 CFR Part 136.		200.8 Pb 200.8 Cu		200.8 Pb 200.8 Cu		Cool < 10C Na2S2O3 (Micro Only) Cool <= 6C H2SO4 pH<2 None Required NaOH pH>10 HNO3 pH<2 HCL pH<2 H3PO4 pH<2 Cool <= 6C Na2S2O3	
Date 10/18/18		Sample Identification W21-A W22-A W23-A W24-A W25-A W26-A W27-A W28-A W29-A W30-A		Number of Containers		Matrix (Refer to Key) DN 6 HNO3 HNO3		Required Analysis / Preservative	
Date 0755 0757 0807 0807 0809 0812 0813 0814 0815		Time 0755 0757 0807 0807 0809 0812 0813 0814 0815		Time 0755 0757 0807 0807 0809 0812 0813 0814 0815		Time 0755 0757 0807 0807 0809 0812 0813 0814 0815		Time 0755 0757 0807 0807 0809 0812 0813 0814 0815	
Ice Y/N		Custody Seals Y/N		Lab Comments		Client Remarks/Comments		Comments/Notes HW near room 205 Left HW near room 214 DNF Right HW near room 214 DNF Left HW near room 128 DNF Right HW near room 128 DNF Left CR 136 DN (Back Storage Room) HW Gym HW DNF Right Gym HW DNF Left HW Gym near room 410 DNF Right HW Gym near room 410 DNF Left HW Gym near room 410 DNF	
Received by: (SIGNATURE) Hubert Anez		Date 10/9/18 1320		Received by: (SIGNATURE) Hubert Anez		Date 10/9/18 1320		Date 10/9/18 1320	
Relinquished by: (SIGNATURE) Brad Luchman		Date 10/9/18 1500		Relinquished by: (SIGNATURE) Brad Luchman		Date 10/9/18 1500		Date 10/9/18 1500	
Relinquished by: (SIGNATURE) Brad Luchman		Date 10/10/18 0805		Relinquished by: (SIGNATURE) Brad Luchman		Date 10/10/18 0805		Date 10/10/18 0805	

Client Name/Address GLE Associates 18000-18861		Client Project Manager/Contact Katrina Riley Project/Site Location (City/State) Forest Park HS		Billing Information 1100 Spring Street, 220 Atlanta, GA ☐ RUSH - Additional charges apply ☐ Special Detection Limit(s) ☐ Date Results Needed		Method of Ship ☒ Fed Ex ☐ Courier ☐ Other		18-283-0242 23169 10-10-2018 11.08.21 GLE Associates CCPS; Forest Park High School	
Project Number 18000-18861		Project Manager Phone # 404-573-3844		Project Manager Email kriley@gleassociates.com		Purchase Order Number		Site/Facility ID # Forest Park High School	
Waypoint ANALYTICAL 2790 Whitten Road Memphis, TN 38133 (901) 213-2400		Unless noted, all containers per Table II of 40 CFR Part 136.		Matrix (Refer to Key)		Required Analysis / Preservative		Comments/Notes	
Date 0820		Sample Identification W21-A		Number of Containers		(G)rab or (C)omposite		Cool < 10C Na2S2O3 (Micro Only) Cool <= 6C H2SO4 pH<2 None Required NaOH pH>10 HNO3 pH<2 HCL pH<2 H3PO4 pH<2 Cool <= 6C Na2S2O3	
0820		W22-A		1		DNF Right		HW near Mechanical Room 2	
0822		W23-A		1		DNF Left		HW near Mechanical Room 2	
0827		W24-A		1		Concession Stand ICE		HW near Mechanical Room 2	
0828		W25-A		1		913		HW near room 418 DNF Left	
0832		W26-A		1		P.E. HW near Storage DNF Right		HW near room 418 DNF Right	
0833		W27-A		1		913		HW near room 418 DNF Left	
0833		W28-A		1		P.E. HW near Storage DNF Left		HW near room 418 DNF Left	
0834		W29-A		1		P.E. HW near Storage DNF Right		HW near room 418 DNF Right	
0834		W40-A		1		P.E. HW near Storage DNF Middle		HW near room 418 DNF Middle	
Ice Y/N		Custody Seals Y/N		Lab Comments		Client Remarks/Comments			
Blank/Cooler Temp N/A		Relinquished by: (SIGNATURE) Relinquished by: (SIGNATURE)		Relinquished by: (SIGNATURE) Relinquished by: (SIGNATURE)		Received by: (SIGNATURE) Received by: (SIGNATURE)		Date Time 10/9/18 1320 10/9/18 1520	
Relinquished by: (SIGNATURE) Relinquished by: (SIGNATURE)		Relinquished by: (SIGNATURE) Relinquished by: (SIGNATURE)		Relinquished by: (SIGNATURE) Relinquished by: (SIGNATURE)		Received by: (SIGNATURE) Received by: (SIGNATURE)		Date Time 10/9/18 1520 10/16/18 0805	

Client Name/Address GLE Pb and Cu		Client Project Manager/Contact K. R. R. Hamilton Forest Park HS		Billing Information 1100 Spring St. 820		18-283-0242 23169 10-10-2018 11-08-21 GLE Associates CCPS: Forest Park High School	
Project Description		Project/Site Location (City/State) Forest Park HS		☐ RUSH - Additional charges apply ☐ Special Detection Limit(s) ☒ Date Results Needed		Method of Ship ☒ Fed Ex ☐ Courier	
Project Number 18000-18861		Project Manager Phone # 404 373 3844		Project Manager Email Krily@glasassociates.com ihamilton@glasassociates.com		Purchase Order Number	
Waypoint ANALYTICAL 2790 Whitten Road Memphis, TN 38133 (901) 213-2400		Project Manager Phone # 404 373 3844		Project Manager Email Krily@glasassociates.com ihamilton@glasassociates.com		Site/Facility ID # Forest Park HS	
Unless noted, all containers per Table II of 40 CFR Part 136.		Matrix (Refer to Key) DN G HNO₃ HNO₃		(g)rab or (C)omposite 200.8 Pb 200.8 Cu		Required Analysis / Preservative DN G HNO₃ HNO₃	
Sample Identification W41-A W42-A W43-A W44-A W45-A W46-A W47-A W48-A W49-A W50-A		Date 0825 0843 0844 0850 0850 0857 0901 0902 0903 0904		Comments/Notes P.E. HW 900.2 DWF Left Media Center HW301 DWF Media Center HW 900.1 DWF NOTE: near D306 DWF Right NOTE: near D306 DWF Left 309 CR 310 DWF CR 310 DWF Right CR 310 DWF Left CR 312 DWF Right CR 312 DWF Left		Cool < 10C NA25203 (Micro Only) Cool <= 6C H2SO4 pH<2 None Required NaOH pH>10 HNO3 pH<2 HCL pH<2 H3PO4 pH<2 Cool <= 6C NA25203	
For Laboratory Use Only Ice Y/N Custody Seals Y/N Blank/Cooler Temp N/A		Sampled by (Name - Print) K. R. R. Hamilton Relinquished by (Signature) K. R. R. Hamilton Relinquished by (Signature) Brad Puckett Relinquished by (Signature) Brad Puckett		Client Remarks/Comments 10/19/18 1320 10/19/18 1500		Received by: (SIGNATURE) HUGO AVER Feet Savoy	
Date 10/19/18		Date 10/19/18		Date 10/19/18		Date 10/19/18	

APPENDIX B
Laboratory Certification



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

Richard E. Dunn, Director

Watershed Protection Branch

2 Martin Luther King, Jr. Drive
Suite 1152, East Tower
Atlanta, Georgia 30334
404-463-1511

Mr. Michael T. Kauffman, Laboratory Director
Waypoint Analytical, Inc.
2790 Whitten Road
Memphis, TN 38133

MAR 13 2018

RE: Certification by Reciprocity
Waypoint Analytical, Inc.
Georgia ID #C 044

Dear Mr. Kauffman:

The Georgia Department of Natural Resources, Environmental Protection Division (EPD), is in receipt of your laboratory's request to fulfill your laboratory's request for Certification by Reciprocity for the analysis of **Lead and Copper** in Drinking Water by **EPA 200.8**. Therefore, in accordance with the Georgia Safe Drinking Water Act of 1977 (Sections 12-5-170 through 12-5-193, O.C.G.A.) and the Rules for Safe Drinking Water (Chapter 391-3-5), this certification replaces any previously issued certification and is valid until May 10, 2020. This certificate is contingent upon continued Certification by the State of Tennessee and is non-transferable. This certificate is also contingent upon continued acceptable semi-annual Proficiency Testing results.

Prior to the expiration of this certification, please contact your accrediting/certifying authority and request the following information be forwarded to Lynne Grubb at lynne.grubb@dnr.ga.gov or Sean Earley at sean.earley@dnr.ga.gov.

1. Copies of the most current on-site and accepted corrective actions
2. Copies of the scope of accreditation listing analytes

If you have any questions, please feel free to contact Lynne Grubb at 404-657-3189 or Sean Earley at 404-651-9581.

Thank you.



Sean Earley

Laboratory Certification Officer
Drinking Water Compliance Unit



Lewis Hays
Program Manager
Watershed Compliance Program

WAYPOINT ANALYTICAL (GA LAB ID# C044)

2790 Whitten Road Memphis, TN 38133

Effective March 1, 2018 to May 10, 2020

ANALYTE	CERTIFIED BY	METHOD
INORGANIC CHEMICALS		
Copper	TN DEC	200.8
Lead	TN DEC	200.8



Dear Client:

Re: Georgia State Law (O.C.G.A. § 12-2-9) requires all commercial laboratories submitting data to the Environmental Protection Division for regulatory purposes be approved or accredited by an accrediting authority such as NELAP. Pursuant to this regulation this laboratory affirms the following certification in support of this regulation under Chapter 391-3-26-05:

Laboratory: Waypoint Analytical, Inc.
2790 Whitten Road
Memphis, TN 38133

Accreditor: NELAP Accrediting Authority
Primary Accrediting State: Louisiana Department of Environmental Quality (LELAP)

Accreditation Number: 04015

Scope: CWA/RCRA

Effective: 07/01/2017

Expires: 06/30/2018

Certificate and scope available upon request.

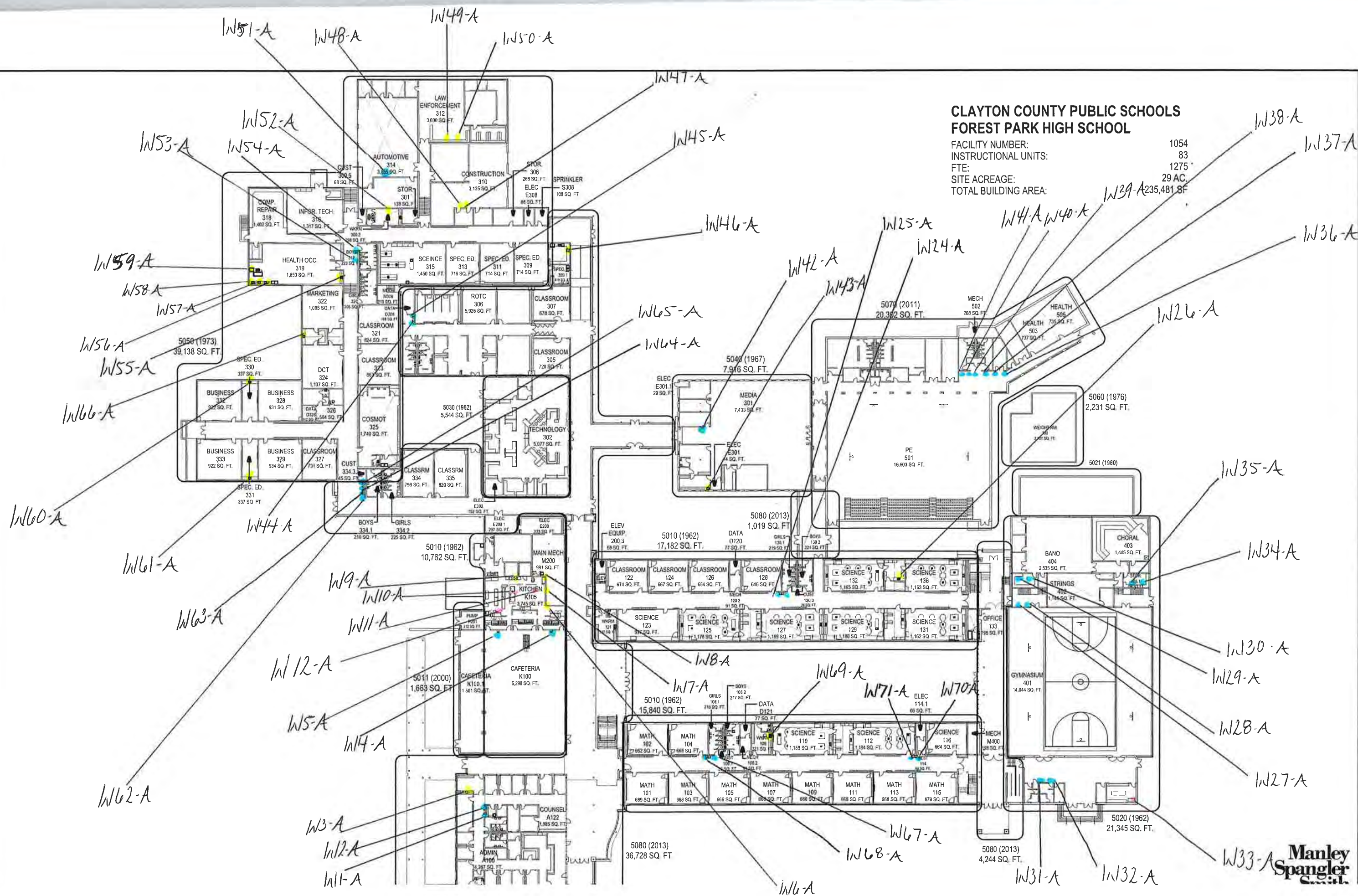
If you have any questions or comments please feel free in contacting me at rmedina@waypointanalytical.com.

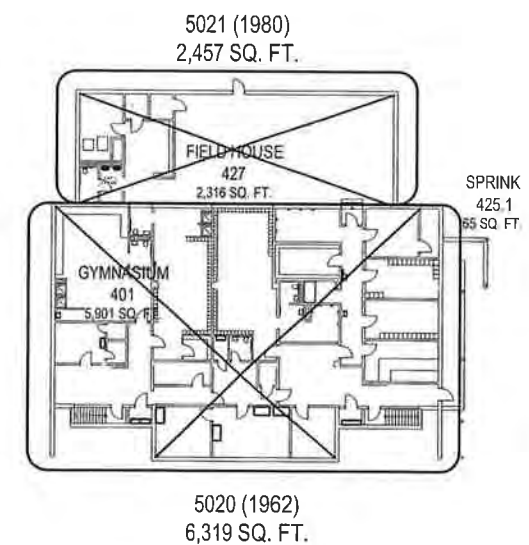
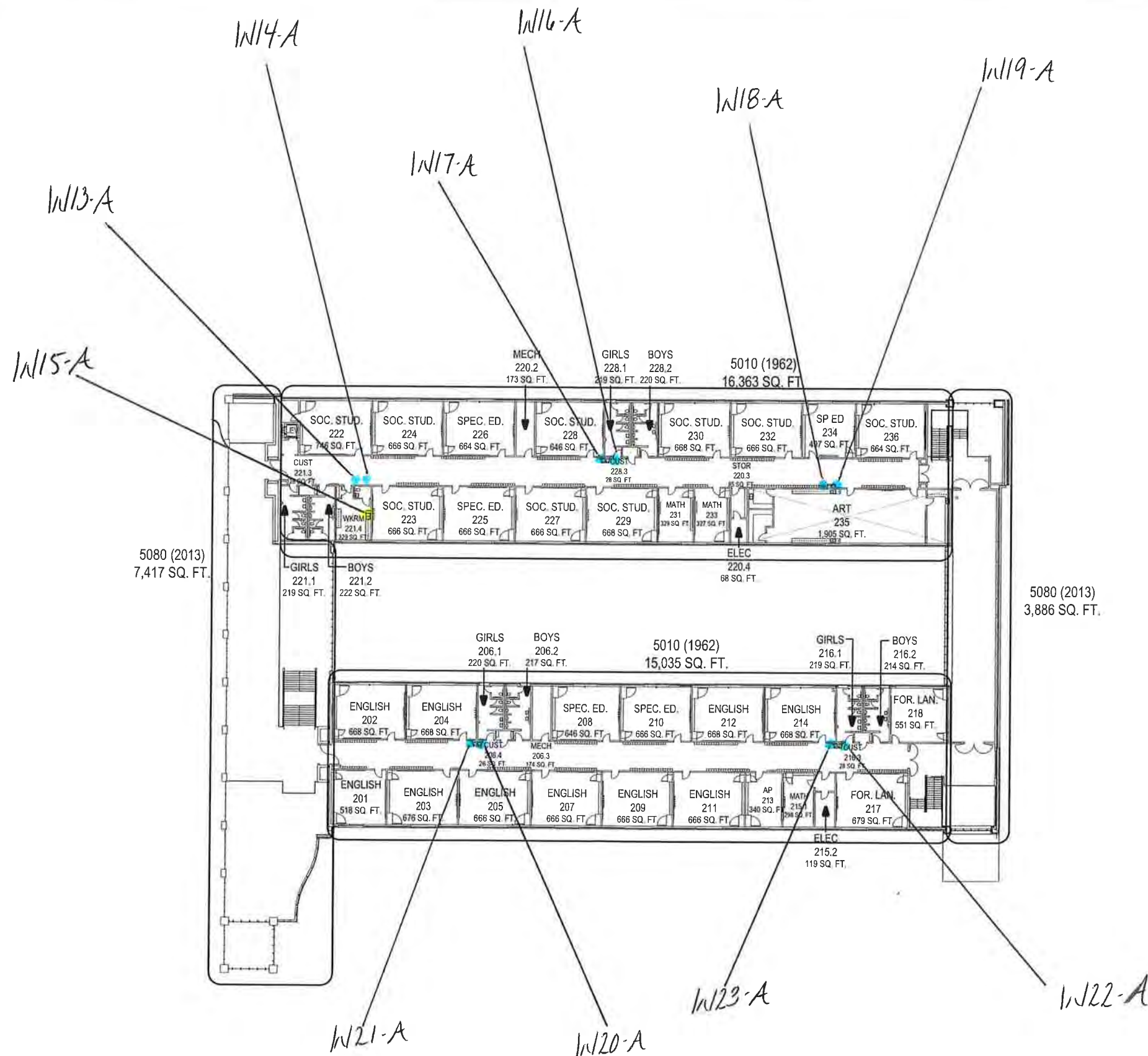
Respectfully,

Dr. Richard Medina
Chief Quality Officer

APPENDIX C

Sampling Plan





**CLAYTON COUNTY PUBLIC SCHOOLS
FOREST PARK HIGH SCHOOL**

FACILITY NUMBER:
INSTRUCTIONAL UNITS:

1054
83

**Manley
Spangler**