

## DRINKING WATER SAMPLING REPORT

### **Jackson Liberty High School**

125 North Hope Chapel Road  
Jackson, New Jersey 08527

### **Report Date**

April 29, 2025

### **Partner Project No.**

24-447445.1

### **Prepared for:**

Jackson Township Board of Education  
Jackson, New Jersey 08527



Building  
Science



Environmental  
Consulting



Construction &  
Development



Energy &  
Sustainability



April 29, 2024

Anthony Bruno  
Jackson Township Board of Education  
151 Don Connor Boulevard  
Jackson, New Jersey 08527

Subject: Drinking Water Sampling Report  
Jackson Libery High School  
125 North Hope Chapel Road  
Jackson, New Jersey 08527  
Partner Project No. 24-447445.1

Dear Anthony Bruno,

Partner Engineering and Science, Inc. (Partner) is pleased to provide the *Drinking Water Sampling* of the abovementioned address (the "Subject Property"). This sampling event was performed in general conformance with the scope and limitations as detailed in our fee proposal. This inspection included a site reconnaissance as well as sampling and analysis. An assessment was made, conclusions stated, and recommendations outlined, as required.

This survey included a site reconnaissance as well as sampling and analysis. An assessment was conducted, conclusions stated, and recommendations outlined, as necessary.

We appreciate the opportunity to provide industrial hygiene services to Jackson Township Board of Education. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (908) 497-8904.

Sincerely,

Partner Engineering and Science, Inc.

Dan Bracey, CIH, CSP, CHMM  
Technical Director  
EHS Solutions

## EXECUTIVE SUMMARY

Partner presents our report for this Drinking Water Sampling Report of Jackson Liberty High School located at 125 North Hope Chapel Road, Jackson, NJ on February 8, 2025. Samples were collected according to the "New Jersey Department of Education N.J.A.C. 6A:26" requirements for testing of lead in New Jersey Schools and the "USEPA 3Ts for Reducing Lead in Drinking Water in Schools" recommendations, as well as the Safe Drinking Water Act of 1974.

The first sample at each fixture was a "first draw" which was collected directly from the fixture without letting the water run or flush. The second sample was collected after letting the water run (flush) for thirty seconds. This sample evaluates the lead in water from the water purveyor and the pipes outside the building. The samples collected were analyzed by EUROFINs Built Environment Testing, located in Mt. Laurel, New Jersey for analysis of lead content using ASTM Method D3559-15D for lead in drinking water. The action level for lead has been set at 15 parts per billion (ppb). According to the USEPA, given present technology and resources, this level is the lowest level to which water systems can reasonably be required to control this contaminant should it be present in drinking water.

Sample analysis indicated that measured lead concentrations did exceed the USEPA Action Level of 15 ppb for lead at Jackson Liberty High School. Specifically, water from the following outlets had exceedances:

Table 1: USEPA Action Level Exceedances		
Sample Name	Location	Results (ppb)
JL-S-44	Kitchen	23.4
JL-S-79	C214	28.9

*ppb= parts per billion*

Based on the above referenced sample analytical results, Partner recommends the following actions:

- Sink outlets exceeding the USEPA Action Level should be labelled as "Do Not Drink – Safe for Handwashing Only".
- Conduct an investigation into the drinking water outlet of concern and replace any potential lead-leaching fixtures or equipment, such as fixtures and associated piping, that may be contributing to dissolved lead in drinking water.

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The following Appendices are attached at the end of this report.

## **Appendices**

- Appendix A:** Table 2 – Analytical Results Table  
**Appendix B:** Laboratory Analysis and Chain-of-Custody  
**Appendix C:** Sample Location Diagram

# 1.0 INTRODUCTION

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## 1.1 Subject Property Description

<b>Address:</b>	125 North Hope Chapel Road, Jackson, NJ
<b>Nature of Use:</b>	School
<b>Walk-Through Inspector:</b>	Hunter Hostage
<b>Walk-Through Date:</b>	January 12, 2025
<b>Sampling Conducted By:</b>	Juan Jimenez & Jeremy Jordan
<b>Sampling Date :</b>	February 8, 2025

## 1.2 Purpose and Scope

The purpose of this drinking water sampling event was to sample and analyze drinking water for a determination of lead content for comparison with the USEPA Action Level as defined by the National Primary Drinking Water Regulations (NPDWR - 40 CFR Chapter I, Part 141), in addition to the "New Jersey Department of Education N.J.A.C. 6A:26" requirements for testing of lead in New Jersey Schools and the "USEPA 3Ts for Reducing Lead in Drinking Water in Schools". The NPDW set a Maximum Contaminant Level Goal (MCLG) for each listed contaminant, which identifies a level of that contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals. The MCLG for lead has been set at zero ppb. Since lead contamination generally occurs from corrosion of onsite lead pipes, or lead-based solder on fittings and fixtures, it cannot be directly detected or removed by the municipal water system. Instead, the USEPA is requiring municipal water systems to control the corrosiveness of their water if the level of lead at the tap exceeds an Action Level.

The action level for lead has been set at 15 parts per billion (ppb). According to the NPDWR Lead and Copper Rule (LCR), given present technology and resources, this level is the lowest level to which water systems can reasonably be required to control this contaminant should it be present in drinking water.

## 2.0 METHODOLOGY

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Select drinking water samples were collected according to the "New Jersey Department of Education N.J.A.C. 6A:26" requirements for testing of lead in New Jersey Schools and the "USEPA 3Ts for Reducing Lead in Drinking Water in Schools" recommendations, as well as the LCR Monitoring requirements for lead in tap water (40 CFR Part 141, Subpart I, § 141.86(b)).

The first sample at each fixture was a "first draw" which was collected directly from the fixture without letting the water run or flush. The second sample was collected after letting the water run (flush) for thirty seconds. This sample evaluates the lead in water from the water purveyor and the pipes outside the building. Ideally, the water had not been used for the past eight hours prior to sampling and not longer than 48 hours prior to sampling. Partner made a reasonable effort to determine whether the stagnation preconditions were able to be met prior to conducting sampling.

Sample bottles were provided by EUROFINs Built Environment Testing, located in Mt. Laurel, New Jersey, with an appropriate preservative for lead in drinking water sampling. After collection, sample bottles were labeled with a unique identifier and transferred under chain of custody conditions to EUROFINs Built Environment Testing located in Mt. Laurel, New Jersey, for analysis by ASTM Method D3559-15D. The laboratory results and chain of custody are contained in **Appendix B**.

### 3.0 ANALYTICAL RESULTS / CONCLUSIONS AND RECOMMENDATIONS

During the course of this site visit, Partner collected water samples at 41 location. Partner did not attempt to disassemble mechanical equipment, open plumbing pipe chases, or assess materials within wall voids.

Sample names and their respective locations were updated from the 2021 sampling event based on relevant known plumbing information as provided by the Jackson Liberty High School and the site guide.

Partner attempted to collect samples from the following outlets; however, based upon the condition of the outlet and recommendations from the site guide, a sample could not be collected at the following locations:

- JL-S-03
- JL-WF-04
- JL-WF-05
- JL-WF-07
- JL-WF-16
- JL-WF-19
- JL-WF-23
- JL-WF-24
- JL-WF-27
- JL-WF-50
- JL-WF-52
- JL-WF-65
- JL-WF-83

A total of 136 drinking water samples were collected from Jackson Liberty High School on February 8, 2025. A total of 70 samples were analyzed. Table 1 lists the samples that exceeded the USEPA Action Level. The analytical results for all samples collected are listed in **Table 2** in **Appendix A**. Sample locations are depicted on the diagram included in **Appendix C**.

Table 1: USEPA Action Level Exceedances		
Sample Name	Location	Results (ppb)
JL-S-44	Kitchen	23.4
JL-S-79	C214	28.9

*ppb= parts per billion*

#### 3.1 Conclusions and Recommendations

Based on the observations onsite, the noted limitations and the analytical results, Partner has the following recommendations:

- Sink outlets exceeding the USEPA Action Level should be labelled as "Do Not Drink – Safe for Handwashing Only".
- Conduct an investigation into the drinking water outlet of concern and replace any potential lead-leaching fixtures or equipment, such as fixtures and associated piping, that may be contributing to dissolved lead in drinking water.

- Additional control technologies may be utilized to reduce lead content in drinking water, including, but not limited to onsite water treatment and filtration. All response actions should be conducted in accordance with industry, local, state and federal guidelines and/or requirements.

In the event the remedial action involves replacing the fixture/associated piping or installing a new fixture, Jackson Liberty School should conduct sampling for lead in drinking water to ensure lead levels are below the action level prior to opening up the fixture for use. Additionally, sampling of all drinking water outlets must be conducted every third school year beginning with the 2021-2022 school year.

Flushing involves opening suspect taps every morning before the facility opens and letting the water run to remove water that has been standing in the interior pipes and/or the outlets. All flushing should be recorded in a log submitted daily to the head of maintenance/facilities. The faucet should be opened and the water should run for 30 seconds to one minute, or until cold.

A filtration device, or point-of-use (POU) device can be relatively inexpensive (\$65 to \$250) or expensive (ranging from \$250 to \$500), their effectiveness varies, and they may be vulnerable to vandalism. They also require a maintenance program for regular upkeep to ensure effectiveness. Cartridge filter units need to be replaced periodically to remain effective. NSF International, an independent, third-party certification organization, has a testing program to evaluate the performance of POU devices for lead removal (NSF Standard 53). Before purchasing any device, ask the manufacturer for proof of NSF approval and the Performance Data Sheet, or check by visiting the NSF Web site at:  
[http://www.nsf.org/business/search\\_listings/index/asp](http://www.nsf.org/business/search_listings/index/asp)

## 4.0 LIMITING CONDITIONS

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No warranties expressed or implied, are made by Partner or its subcontractor, EUROFINS Built Environment Testing, or their employees as to the use of any information, apparatus, product, or process disclosed in this report. Every reasonable effort has been made to assure correctness. This survey is limited by the scope discussed by the client. It was prepared for the sole use and benefit of the Client. Neither this report nor any of the information contained herein shall be used or relied upon for any purpose by any persons or entities other than the Client.

Property and climate conditions, as well as local, state, and federal regulations, can change significantly over time. Therefore, the recommendations and conclusions presented as a result of this study apply strictly to the environmental regulations and property conditions existing at the time the study was performed. Available information has been analyzed using currently accepted industry assessment techniques and it is believed that the inferences made are reasonably representative of the property. Partner and its subcontractor EUROFINS Built Environment Testing, and their employees/representatives bear no responsibility for the actual condition of the structure or safety of this site pertaining to water quality contamination regardless of the actions taken by the inspection team or the client. Partner makes no warranty, expressed or implied, except that the services have been performed in accordance with generally accepted assessment practices applicable at the time and location of the study.

## 5.0 SIGNATURES OF PROFESSIONALS

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Partner has performed lead-in-drinking water sampling on the property at 125 North Hope Chapel Road, Jackson, New Jersey in general conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

Prepared By:

**Partner Engineering and Science, Inc.**



Juan Jimenez  
Industrial Hygienist

Reviewed by:



Angelica Rosaperez, ASP  
Project Manager

## APPENDIX A: TABLE 2 – ANALYTICAL RESULTS TABLE

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Table 2: Analytical Results		
Sample Name	Location	Results (ppb)
JL-S-10	H101	<1.00
JL-WF-11	G108	<1.00
JL-WF-12	G108	<1.00
JL-S-13	G106	<1.00
JL-IM-14	G106	<1.00
JL-WF-15	G104	<1.00
JL-WF-17	Gym	1.20
JL-WF-18	Gym	<1.00
JL-WF-20	Gym	<1.00
JL-S-21	F104	1.00
JL-S-22	F104	<1.00
JL-WF-25	Main Hall	<1.00
JL-BF-26	Main Hall	<1.00
JL-S-28	N101	1.30
JL-S-29	N101	<1.00
JL-S-30	N101	2.40
JL-S-31	N102 Nurse	<1.00
JL-S-32	N102 Nurse	2.90
JL-S-33	N102 Nurse	9.00
JL-S-34	N102 Nurse	4.30
JL-S-35	N102 Nurse	2.00
JL-S-37	Room 124	2.50
JL-S-36A	A101	<1.00
JL-S-37	A101	<1.00
JL-S-38	A108	<1.00
JL-S-39	Library	2.00
JL-WF-40	B128 Across	<1.00
JL-BF-41	B128 Across	<1.00
JL-S-42	B112	<1.00
JL-S-43	B112A	<1.00
<b>JL-S-44</b>	<b>Kitchen</b>	<b>23.4 (&lt;1.00)</b>
JL-S-45	Kitchen	1.10
JL-S-46	Kitchen	3.10
JL-S-47	Kitchen	3.50

Table 2: Analytical Results		
Sample Name	Location	Results (ppb)
JL-S-48	Kitchen	2.50
JL-WF-48	B Hall	<1.00
JL-BF-49	B Hall	<1.00
JL-WF-51	Adj. D107	<1.00
JL-S-53	D112	<1.00
JL-S-54	D112	<1.00
JL-S-55	D112	<1.00
JL-S-56	D112	<1.00
JL-S-57	D112	<1.00
JL-S-58	D112	<1.00
JL-S-59	Adj. D119	<1.00
JL-WF-60	Adj. D119	<1.00
JL-BF-60	Adj. D119	<1.00
JL-S-61	C128	2.70
JL-WF-66	E Hall	<1.00
JL-S-67	E103	1.10
JL-S-68	C128	3.00
JL-WF-69	C113	<1.00
JL-BF-70	C113	<1.00
JL-S-71	C1136	1.30
JL-S-72	C112	4.10
JL-WF-73	Outside Stair #3	<1.00
JL-BF-74	Outside Stair #3	<1.00
JL-S-75	C212	4.50
JL-S-78	C215	3.60
JL-S-79	C214	<b>28.9</b> (4.00)
JL-S-82	B228	<1.00
JL-WF-83	Outside Stair #1	<1.00
JL-S-02	Concessions	2.30
JL-S-06	Field House	<1.00
JL-S-08	Field House	<1.00
JL-S-09	Field House	<1.00
JL-IM-47	Kitchen	<1.00
JL-KS-49	Kitchen	6.70

*ppb=parts for billion*

**Bold** = Exceedances above USEPA Action Level 15 ppb

Parenthesis ( ) = Flush Sample Result

## **APPENDIX B: LABORATORY ANALYSIS AND CHAIN-OF-CUSTODY**

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# CERTIFICATE OF ANALYSIS

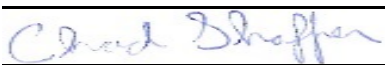
Client: Partner Engineering and Science  
929 Asbury Ave  
Asbury Park NJ 07712  
  
Client: PAR929


Report Date: 2/21/2025  
Report No.: 709690 - Lead Water  
Project: 2024 Jackson LIDW-Jackson Liberty HS  
Project No.: 24-447445.1

## LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7820986 Client No.:JL-S-10	Location:H101 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7820987 Client No.:JL-S-10-F	Location:H101 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7820988 Client No.:JL-WF-11	Location:G108 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7820989 Client No.:JL-WF-11-F	Location:G108 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7820990 Client No.:JL-WF-12	Location:G108 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7820991 Client No.:JL-WF-12-F	Location:G108 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7820992 Client No.:JL-S-13	Location:G106 * Sample acidified to pH <2.	Result(ppb):1.00
Lab No.:7820993 Client No.:JL-S-13-F	Location:G106 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7820994 Client No.:JL-IM-14	Location:G106 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7820995 Client No.:JL-IM-14-F	Location:G106 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/11/2025  
Date Analyzed: 02/20/2025  
Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director



CERTIFICATE OF ANALYSIS


Client: Partner Engineering and Science  
929 Asbury Ave  
Asbury Park NJ 07712  
  
Client: PAR929


Report Date: 2/21/2025  
Report No.: 709690 - Lead Water  
Project: 2024 Jackson LIDW-Jackson Liberty HS  
Project No.: 24-447445.1

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7820996 Client No.:JL-WF-15	Location:G104 Weight Room * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7820997 Client No.:JL-WF-15-F	Location:G104 Weight Room * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7820998 Client No.:JL-WF-17	Location:Gym * Sample acidified to pH <2.	Result(ppb):1.20
Lab No.:7820999 Client No.:JL-WF-17-F	Location:Gym * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821000 Client No.:JL-WF-18	Location:Gym * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821001 Client No.:JL-WF-18-F	Location:Gym * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821002 Client No.:JL-WF-20	Location:Gym * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821003 Client No.:JL-WF-20-F	Location:Gym * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821004 Client No.:JL-S-21	Location:F104 * Sample acidified to pH <2.	Result(ppb):1.00
Lab No.:7821005 Client No.:JL-S-21-F	Location:F104 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/11/2025  
Date Analyzed: 02/20/2025  
Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

CERTIFICATE OF ANALYSIS


Client: Partner Engineering and Science  
929 Asbury Ave  
Asbury Park NJ 07712  
  
Client: PAR929


Report Date: 2/21/2025  
Report No.: 709690 - Lead Water  
Project: 2024 Jackson LIDW-Jackson Liberty HS  
Project No.: 24-447445.1

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7821006 Client No.:JL-S-22	Location:F106 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821007 Client No.:JL-S-22-F	Location:F106 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821008 Client No.:JL-WF-25	Location:Main Hall * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821009 Client No.:JL-WF-25-F	Location:Main Hall * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821010 Client No.:JL-BF-26	Location:Main Hall * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821011 Client No.:JL-BF-26-F	Location:Main Hall * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821012 Client No.:JL-S-28	Location:N101 * Sample acidified to pH <2.	Result(ppb):1.30
Lab No.:7821013 Client No.:JL-S-28-F	Location:N101 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821014 Client No.:JL-S-29	Location:N101 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821015 Client No.:JL-S-29-F	Location:N101 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/11/2025  
Date Analyzed: 02/20/2025  
Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director



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929 Asbury Ave  
Asbury Park NJ 07712  
  
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Project No.: 24-447445.1

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7821016 Client No.:JL-S-30	Location:N101 * Sample acidified to pH <2.	Result(ppb):2.40
Lab No.:7821017 Client No.:JL-S-30-F	Location:N101 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821018 Client No.:JL-S-31	Location:N102 Nurse * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821019 Client No.:JL-S-31-F	Location:N102 Nurse * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821020 Client No.:JL-S-32	Location:N102 Nurse * Sample acidified to pH <2.	Result(ppb):2.90
Lab No.:7821021 Client No.:JL-S-32-F	Location:N102 Nurse * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821022 Client No.:JL-S-33	Location:N102 Nurse * Sample acidified to pH <2.	Result(ppb):9.00
Lab No.:7821023 Client No.:JL-S-33-F	Location:N102 Nurse * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821024 Client No.:JL-S-34	Location:N102 Nurse * Sample acidified to pH <2.	Result(ppb):4.30
Lab No.:7821025 Client No.:JL-S-34-F	Location:N102 Nurse * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/11/2025  
Date Analyzed: 02/20/2025  
Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

# CERTIFICATE OF ANALYSIS

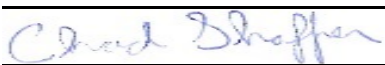
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929 Asbury Ave  
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Report Date: 2/21/2025  
Report No.: 709690 - Lead Water  
Project: 2024 Jackson LIDW-Jackson Liberty HS  
Project No.: 24-447445.1

## LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7821026 Client No.:JL-S-35	Location:N102 Nurse * Sample acidified to pH <2.	Result(ppb):2.00
Lab No.:7821027 Client No.:JL-S-35-F	Location:N102 Nurse * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821028 Client No.:JL-S-36	Location:N101 * Sample acidified to pH <2.	Result(ppb):2.50
Lab No.:7821029 Client No.:JL-S-36-F	Location:N101 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821030 Client No.:JL-S-36A	Location:A101 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821031 Client No.:JL-S-36A-F	Location:A101 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821032 Client No.:JL-S-37	Location:A101 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821033 Client No.:JL-S-37-F	Location:A101 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821034 Client No.:JL-S-38	Location:A108 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821035 Client No.:JL-S-38-F	Location:A108 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/11/2025  
Date Analyzed: 02/20/2025  
Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

# CERTIFICATE OF ANALYSIS

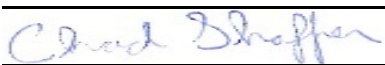
Client: Partner Engineering and Science  
929 Asbury Ave  
Asbury Park NJ 07712  
  
Client: PAR929


Report Date: 2/21/2025  
Report No.: 709690 - Lead Water  
Project: 2024 Jackson LIDW-Jackson Liberty HS  
Project No.: 24-447445.1

## LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7821036 Client No.:JL-S-39	Location:Library * Sample acidified to pH <2.	Result(ppb):2.00
Lab No.:7821037 Client No.:JL-S-39-F	Location:Library * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821038 Client No.:JL-WF-40	Location:B128 Across * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821039 Client No.:JL-WF-40-F	Location:B128 Across * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821040 Client No.:JL-BF-41	Location:B128 Across * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821041 Client No.:JL-BF-41-F	Location:B128 Across * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821042 Client No.:JL-S-42	Location:B112 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821043 Client No.:JL-S-42-F	Location:B112 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821044 Client No.:JL-S-43	Location:B112A * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821045 Client No.:JL-S-43-F	Location:B112A * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/11/2025  
Date Analyzed: 02/20/2025  
Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Partner Engineering and Science  
929 Asbury Ave  
Asbury Park NJ 07712


Report Date: 2/21/2025  
Report No.: 709690 - Lead Water  
Project: 2024 Jackson LIDW-Jackson Liberty HS  
Project No.: 24-447445.1


Client: PAR929

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7821046 Client No.:JL-S-44	Location:Kitchen * Sample acidified to pH <2.	Result(ppb):23.4
Lab No.:7821047 Client No.:JL-S-44-F	Location:Kitchen * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821048 Client No.:JL-S-45	Location:Kitchen * Sample acidified to pH <2.	Result(ppb):1.10
Lab No.:7821049 Client No.:JL-S-45-F	Location:Kitchen * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821050 Client No.:JL-S-46	Location:Kitchen * Sample acidified to pH <2.	Result(ppb):3.10
Lab No.:7821051 Client No.:JL-S-46-F	Location:Kitchen * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821052 Client No.:JL-S-47	Location:Kitchen * Sample acidified to pH <2.	Result(ppb):3.50
Lab No.:7821053 Client No.:JL-S-47-F	Location:Kitchen * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821054 Client No.:JL-S-48	Location:Kitchen * Sample acidified to pH <2.	Result(ppb):2.50
Lab No.:7821055 Client No.:JL-S-48-F	Location:Kitchen * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/11/2025  
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Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director



CERTIFICATE OF ANALYSIS

Client: Partner Engineering and Science  
929 Asbury Ave  
Asbury Park NJ 07712


Client: PAR929


Report Date: 2/21/2025  
Report No.: 709690 - Lead Water  
Project: 2024 Jackson LIDW-Jackson Liberty HS  
Project No.: 24-447445.1

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7821056 Client No.:JL-WF-48	Location:B Hall * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821057 Client No.:JL-WF-48-F	Location:B Hall * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821058 Client No.:JL-BF-49	Location:B Hall * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821059 Client No.:JL-BF-49-F	Location:B Hall * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821060 Client No.:JL-WF-51	Location:Adj. D107 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821061 Client No.:JL-WF-51-F	Location:Adj. D107 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821062 Client No.:JL-S-53	Location:D112 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821063 Client No.:JL-S-53-F	Location:D112 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821064 Client No.:JL-S-54	Location:D112 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821065 Client No.:JL-S-54-F	Location:D112 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/11/2025  
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Analyst: Chad Shaffer

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Frank E. Ehrenfeld, III  
Laboratory Director



CERTIFICATE OF ANALYSIS

Client: Partner Engineering and Science  
929 Asbury Ave  
Asbury Park NJ 07712


Report Date: 2/21/2025  
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Project No.: 24-447445.1


Client: PAR929

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7821066 Client No.:JL-S-55	Location:D112 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821067 Client No.:JL-S-55-F	Location:D112 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821068 Client No.:JL-S-56	Location:D112 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821069 Client No.:JL-S-56-F	Location:D112 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821070 Client No.:JL-S-57	Location:D112 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821071 Client No.:JL-S-58-F	Location:D112 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821072 Client No.:JL-S-58	Location:D112 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821073 Client No.:JL-S-58-F	Location:D112 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821074 Client No.:JL-S-59	Location:Adj. D119 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821075 Client No.:JL-S-59-F	Location:Adj. D119 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/11/2025  
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Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director



CERTIFICATE OF ANALYSIS

Client: Partner Engineering and Science  
929 Asbury Ave  
Asbury Park NJ 07712


Client: PAR929


Report Date: 2/21/2025  
Report No.: 709690 - Lead Water  
Project: 2024 Jackson LIDW-Jackson Liberty HS  
Project No.: 24-447445.1

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7821076 Client No.: JL-WF-60	Location: Adj. D119 * Sample acidified to pH <2.	Result(ppb): <1.00
Lab No.: 7821077 Client No.: JL-WF-60-F	Location: Adj. D119 * Sample acidified to pH <2.	Result(ppb): Sample Not Analyzed
Lab No.: 7821078 Client No.: JL-BF-60	Location: Adj. D119 * Sample acidified to pH <2.	Result(ppb): <1.00
Lab No.: 7821079 Client No.: JL-BF-60-F	Location: Adj. D119 * Sample acidified to pH <2.	Result(ppb): Sample Not Analyzed
Lab No.: 7821080 Client No.: JL-S-61	Location: C128 * Sample acidified to pH <2.	Result(ppb): 2.70
Lab No.: 7821081 Client No.: JL-S-61-F	Location: C128 * Sample acidified to pH <2.	Result(ppb): Sample Not Analyzed
Lab No.: 7821082 Client No.: JL-WF-66	Location: E Hall * Sample acidified to pH <2.	Result(ppb): <1.00
Lab No.: 7821083 Client No.: JL-WF-66-F	Location: E Hall * Sample acidified to pH <2.	Result(ppb): Sample Not Analyzed
Lab No.: 7821084 Client No.: JL-S-67	Location: E103 * Sample acidified to pH <2.	Result(ppb): 1.10
Lab No.: 7821085 Client No.: JL-S-67-F	Location: E103 * Sample acidified to pH <2.	Result(ppb): Sample Not Analyzed

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/11/2025  
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Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director



CERTIFICATE OF ANALYSIS

Client: Partner Engineering and Science  
929 Asbury Ave  
Asbury Park NJ 07712


Report Date: 2/21/2025  
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Project No.: 24-447445.1


Client: PAR929

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7821086 Client No.:JL-S-68	Location:C128 * Sample acidified to pH <2.	Result(ppb):3.00
Lab No.:7821087 Client No.:JL-S-68-F	Location:C128 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821088 Client No.:JL-WF-69	Location:Outside C113 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821089 Client No.:JL-WF-69-F	Location:Outside C113 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821090 Client No.:JL-BF-70	Location:Outside C113 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:7821091 Client No.:JL-BF-70-F	Location:Outside C113 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821092 Client No.:JL-S-71	Location:C1136 * Sample acidified to pH <2.	Result(ppb):1.30
Lab No.:7821093 Client No.:JL-S-71-F	Location:C1136 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:7821094 Client No.:JL-S-72	Location:C112 * Sample acidified to pH <2.	Result(ppb):4.10
Lab No.:7821095 Client No.:JL-S-72-F	Location:C112 * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/11/2025  
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Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director



Built Environment Testing  
iATL

9000 Commerce Parkway Suite B  
Mt. Laurel, New Jersey 08054  
Telephone: 856-231-9449  
Email: customerservice@iatl.com

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CERTIFICATE OF ANALYSIS

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Client: Partner Engineering and Science  
929 Asbury Ave  
Asbury Park NJ 07712

Report Date: 2/21/2025  
Report No.: 709690 - Lead Water  
Project: 2024 Jackson LIDW-Jackson Liberty HS  
Project No.: 24-447445.1

Client: PAR929

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LEAD WATER SAMPLE ANALYSIS SUMMARY

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Lab No.: 7821096  
Client No.: JL-WF-73


Location: Outside Stair #3  
\* Sample acidified to pH <2.


Result(ppb): <1.00

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Please refer to the Appendix of this report for further information regarding your analysis.

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Date Received: 2/11/2025  
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Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

# CERTIFICATE OF ANALYSIS

Client: Partner Engineering and Science  
929 Asbury Ave  
Asbury Park NJ 07712  
  
Client: PAR929

Report Date: 2/21/2025  
Report No.: 709690 - Lead Water  
Project: 2024 Jackson LIDW-Jackson Liberty HS  
Project No.: 24-447445.1

## LEAD WATER SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b> 7821097	<b>Location:</b> Outside Stair #3	<b>Result(ppb):</b> Sample Not Analyzed
<b>Client No.:</b> JL-WF-73-F	* Sample acidified to pH <2.	

<b>Lab No.:</b> 7821098	<b>Location:</b> Outside Stair #3	<b>Result(ppb):</b> <1.00
<b>Client No.:</b> JL-BF-74	* Sample acidified to pH <2.	

<b>Lab No.:</b> 7821099	<b>Location:</b> Outside Stair #3	<b>Result(ppb):</b> Sample Not Analyzed
<b>Client No.:</b> JL-BF-74-F	* Sample acidified to pH <2.	

<b>Lab No.:</b> 7821100	<b>Location:</b> C212	<b>Result(ppb):</b> 4.50
<b>Client No.:</b> JL-S-75	* Sample acidified to pH <2.	

<b>Lab No.:</b> 7821101	<b>Location:</b> C212	<b>Result(ppb):</b> Sample Not Analyzed
<b>Client No.:</b> JL-S-75-F	* Sample acidified to pH <2.	

<b>Lab No.:</b> 7821102	<b>Location:</b> C215	<b>Result(ppb):</b> 3.60
<b>Client No.:</b> JL-S-78	* Sample acidified to pH <2.	

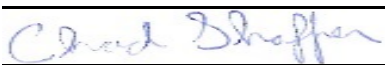
<b>Lab No.:</b> 7821103	<b>Location:</b> C215	<b>Result(ppb):</b> Sample Not Analyzed
<b>Client No.:</b> JL-S-78-F	* Sample acidified to pH <2.	


<b>Lab No.:</b> 7821104	<b>Location:</b> C214	<b>Result(ppb):</b> 28.9
<b>Client No.:</b> JL-S-79	* Sample acidified to pH <2.	

<b>Lab No.:</b> 7821105	<b>Location:</b> C214	<b>Result(ppb):</b> 4.00
<b>Client No.:</b> JL-S-79-F	* Sample acidified to pH <2.	

<b>Lab No.:</b> 7821106	<b>Location:</b> B228	<b>Result(ppb):</b> <1.00
<b>Client No.:</b> JL-S-82	* Sample acidified to pH <2.	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/11/2025  
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Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director



CERTIFICATE OF ANALYSIS

Client: Partner Engineering and Science  
929 Asbury Ave  
Asbury Park NJ 07712  
Client: PAR929

Report Date: 2/21/2025  
Report No.: 709690 - Lead Water  
Project: 2024 Jackson LIDW-Jackson Liberty HS  
Project No.: 24-447445.1

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7821107      Location: B228      Result(ppb): Sample Not Analyzed  
Client No.: JL-S-82-F      \* Sample acidified to pH <2.

Lab No.: 7821108      Location: Outside Stair #1      Result(ppb): <1.00  
Client No.: JL-WF-83      \* Sample acidified to pH <2.

Lab No.: 7821109      Location: Outside Stair #1      Result(ppb): Sample Not Analyzed  
Client No.: JL-WF-83-F      \* Sample acidified to pH <2.

Lab No.: 7821110      Location: Concessions      Result(ppb): 2.30  
Client No.: JL-S-02      \* Sample acidified to pH <2.

Lab No.: 7821111      Location: Concessions      Result(ppb): Sample Not Analyzed  
Client No.: JL-S-02-F      \* Sample acidified to pH <2.

Lab No.: 7821112      Location: Field House      Result(ppb): <1.00  
Client No.: JL-S-06      \* Sample acidified to pH <2.


Lab No.: 7821113      Location: Field House      Result(ppb): Sample Not Analyzed  
Client No.: JL-S-06-F      \* Sample acidified to pH <2.


Lab No.: 7821114      Location: Field House      Result(ppb): <1.00  
Client No.: JL-S-08      \* Sample acidified to pH <2.

Lab No.: 7821115      Location: Field House      Result(ppb): Sample Not Analyzed  
Client No.: JL-S-08-F      \* Sample acidified to pH <2.

Lab No.: 7821116      Location: Field House      Result(ppb): <1.00  
Client No.: JL-S-09      \* Sample acidified to pH <2.

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/11/2025  
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Frank E. Ehrenfeld, III  
Laboratory Director



### CERTIFICATE OF ANALYSIS

Client: Partner Engineering and Science  
929 Asbury Ave  
Asbury Park NJ 07712

Report Date: 2/21/2025  
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Project: 2024 Jackson LIDW-Jackson Liberty HS  
Project No.: 24-447445.1

Client: PAR929

### LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7821117      Location: Field House      Result(ppb): Sample Not Analyzed  
Client No.: JL-S-09-F      \* Sample acidified to pH <2.


Lab No.: 7821118      Location: Kitchen      Result(ppb): <1.00  
Client No.: JL-IM-47      \* Sample acidified to pH <2.


Lab No.: 7821119      Location: Kitchen      Result(ppb): Sample Not Analyzed  
Client No.: JL-IM-47-F      \* Sample acidified to pH <2.

Lab No.: 7821120      Location: Additional Sample Received      Result(ppb): 6.70  
Client No.: JL-KS-49      \* Sample acidified to pH <2.

Lab No.: 7821121      Location: Additional Sample Received      Result(ppb): Sample Not Analyzed  
Client No.: JL-KS-49-F      \* Sample acidified to pH <2.

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/11/2025  
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Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

## CERTIFICATE OF ANALYSIS

Client: Partner Engineering and Science  
929 Asbury Ave  
Asbury Park NJ 07712  
  
Client: PAR929

Report Date: 2/21/2025  
Report No.: 709690 - Lead Water  
Project: 2024 Jackson LIDW-Jackson Liberty HS  
Project No.: 24-447445.1

## Appendix to Analytical Report:

### Customer Contact:

Analysis: AAS-GF - ASTM D3559-15D

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com

iATL Office Manager: ?wchampion@iatl.com

iATL Account Representative: House Account

Sample Login Notes: See Batch Sheet Attached

Sample Matrix: Water

Exceptions Noted: See Following Pages

### General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at [www.iATL.com](http://www.iATL.com) and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

### Information Pertinent to this Report:

Analysis by AAS Graphite Furnace:

- ASTM D3559-15D

Certification:

- NYS-DOH No. 11021

- NJDEP No. 03863

### Note: These methods are analytically equivalent to iATL's accredited method;

- USEPA 40CFR 141.11B

- USEPA 200.9 Pb, AAS-GF, RL <2 ppb/sample

- USEPA SW 846-7421 - Pb(AAS-GF, RL <2 ppb/sample)

Regulatory limit for lead in drinking water is 15.0 parts per billion as cited in EPA 40 CFR 141.11 National Primary Drinking Water Regulations, Subpart B: Maximum contaminant levels for inorganic chemicals.

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Sample results are not corrected for contamination by field or analytical blanks.

PPB = Parts per billion. 1 µg/L = 1 ppb MDL = 0.24 PPB Reporting Limit (RL) = 1.0 PPB

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CERTIFICATE OF ANALYSIS

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Client: Partner Engineering and Science  
929 Asbury Ave  
Asbury Park NJ 07712

Client: PAR929

Report Date: 2/21/2025  
Report No.: 709690 - Lead Water  
Project: 2024 Jackson LIDW-Jackson Liberty HS  
Project No.: 24-447445.1

**Disclaimers / Qualifiers:**

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at [customerservice@iatl.com](mailto:customerservice@iatl.com).

Matrix spiking is performed on each client batch to determine if interferences could impact results. When spike recoveries fall out of acceptable range matrix interference is suspected and samples are diluted until acceptable spike recovery can be achieved. Reporting limits will increase by the same degree as the dilution required.

Note: Sample dilution required due to matrix interference.

Water Sample Turbidity greater than 1.0 NTU does not meet Federal and NJ State Primary & Secondary Drinking Water Standards.

\* ASTM D3559 (D) calls for the addition of acid at the time of sampling. Unless so noted on the chain of custody by the client iATL acidifies samples to a pH of <2 at least 24 hours prior to analysis.

003943149

## Chain of Custody

### Contact Information

**Client Company:** Partner Engineering and Science,  
**Office Address:** 929 Asbury Avenue  
**City, State, Zip:** Asbury Park, NJ 07712  
**Fax Number:**  
**Email Address:** arosaperez@partneresi.com

**Project Number:** 24-447445.1

**Project Name:** 2024 Jackson UPRW - Jackson Liberty High School

**Primary Contact:** Angelica Rosaperez

**Office Phone:**

**Cell Phone:** 732-403-5869

### Matrix:

Air ☐

Water ☒

Soil ☐

Paint ☐

Bulk ☐

Surface Dust / Wipe ☐

Other ☐

### Analysis Method:

- ☐ PCM: NIOSH 7400  
☐ PCM: OSHA  
☐ PCM: TWA

- ☐ Total Dust: NIOSH 0500  
☐ Total Dust: NIOSH 0600

- ☐ AAS: Lead in Air  
☒ AAS: Lead in Water  
☐ AAS: Lead in Paint  
☐ AAS: Lead Dust/Wipe  
☐ AAS: Lead in Soil  
☐ AAS: TCLP  
☐ AAS: Metals [Cd, Zn, Cr-circle]

### PLM Use Bulk Asbestos Sample Log

- ☐ PLM: Bulk Asbestos EPA 600  
☐ PLM: Point Counting 198.1  
☐ PLM: NOB via 198.6 (PLM only)  
☐ If <1% by PLM, to TEM via 198.4

### IAQ Use Mold Sample Log

- ☐ IAQ: I Bioaerosol Fungal Spore Trap  
☐ IAQ: II Bioaerosol Fungal Spore  
☐ IAQ: Tape, Bulk, Misc. Qualitative  
☐ IAQ: Tape, Bulk, Misc. Quantitative  
☐ IAQ: Other Culturable ID

- ☐ TEM: AHERA  
☐ TEM: NIOSH 7402  
☐ TEM: ISO 10312  
☐ TEM: ISO 13794  
☐ TEM: Wipe ASTM 6480  
☐ TEM: Microvac ASTM D5755  
☐ TEM: Microvac ASTM D5756  
☐ TEM: NOB 198.4  
☐ TEM: Bulk Analysis  
☐ TEM: Potable Water  
☐ TEM: Non-Potable Water  
☐ TEM: Other  
☐ Soil: Call for Available Methods

1- Requires ASTM acceptable material 2- Call to confirm TAT 3- Non-culturable 4- With Non-fungal Microscopic Exam

### Special Instructions: Method 200.9

Please HOLD all Flush samples (F). If the initial sample is above 15 ppb, please run the flush sample.

### Turnaround Time

Preliminary Results Requested Date:

Specific date / time

☐ Verbal ☒ Email ☐ Fax

☒ 10 Day ☐ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day\* ☐ 12 Hour\*\* ☐ 6 Hour\*\* ☐ RUSH\*\*

\* End of next business day unless otherwise specified. \*\* Matrix Dependent. \*\*\* Please notify the lab before shipping\*\*\*

### Shipping Method

☐ FedEx

☐ UPS

☐ USPS

☐ Other

### Chain of Custody

Relinquished (Name/Organization): John Thomas

Received (Name / iATL): REC

Sample Login (Name / iATL): HA

Analyst (Name(s) / iATL): HA

QA/QC Review (Name / iATL): HA

Archived / Released:

QA/QC InterLAB Use:

Date: 4/10/2025

Date: 5/10/2025

Date: 2/10/2025

Date: 2/10/2025

Date:

Date:

Time:

Time: 11:47

Time:

Time: 2:25

Time: 1:2025

Time:

## Sample Log

Client: Jackson Liberty High School - Environmental Lead -  
125 North Hope Chapel Road Project: \_\_\_\_\_

Sampling Date/Time: 2/8/2025

Client Sample #	IATL #	Location/ Description	Def Flow Rate	Start End	Sampling time (min)	Area (ft <sup>2</sup> ) Volume (L)	Results ( )
JL-S-10	7820986	H101	2/8/25	6:30		250 mL	
JL-S-10F	7820987	H101		6:30			
JL-WF-11	7820988	G108		6:32			
JL-WF-11F	7820989	G108		6:32			
JL-WF-12	7820990	G108		6:33			
JL-WF-12F	7820991	G108		6:33			
JL-S-13	7820992	G106		6:36			
JL-S-13F	7820993	G106		6:36			
JL-IM-14	7820994	G106		6:37			
JL-IM-14F	7820995	G106		6:37			
JL-WF-15	7820996	G104 Weight Room		6:38			
JL-WF-15F	7820997	G104 Weight Room		6:38			
JL-WF-17	7820998	Gym		6:40			
JL-WF-17F		Gym		6:40			
JL-WF-18	7821000	Gym	✓	6:41		✓	

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## Sample Log

—Environmental Lead—

Client: Jackson Gladys High School

Project: \_\_\_\_\_

Sampling Date/Time: 2/8/15

Client Sample #	IATL #	Location/ Description	Detec. Flow Rate	Start End	Sampling time (min)	Area (ft <sup>2</sup> ) Volume (L)	Results ( )
JL-WF-18F	7821001	Gym		6:41		250 mL	
JL-WF-20	7821002	Gym		6:42			
JL-WF-20F	7821003	Gym		6:42			
JL- <del>WF</del> -21	7821004	F104		6:44			
JL- <del>WF</del> -21F	7821005	F104		6:44			
JL-S-22	7821006	F106		6:45			
JL-S-22F	7821007	F106		6:45			
JL-WF-25	7821008	Main Hall		6:47			
JL-WF-25F	7821009	Main Hall		6:47			
JL-BF-26	7821010	Main Hall		6:48			
JL-BF-26F	7821011	Main Hall		6:48			
JL-S-28	7821012	N101		6:50			
JL-S-28F	7821013	N101		6:50			
JL-S-29	7821014	N101		6:51			
JL-S-29F	7821015	N101	✓	6:51			

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## Sample Log

— Environmental Lead —

Client: Jackson Liberty High School

Project: \_\_\_\_\_

Sampling Date/Time: 2/8/15

Client Sample #	IATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft <sup>2</sup> ) Volume (L)	Results ( )
JL-S-30	7821016	N101	248/15	652		250 mL	
JL-S-30F	7821017	N101		652			
JL-S-31	7821018	N102 Norse		653			
JL-S-31F	7821019			653			
JL-S-32	7821020			654			
JL-S-32F	7821021			654			
JL-S-33	7821022			655			
JL-S-33F	7821023			655			
JL-S-34	7821024			656			
JL-S-34F	7821025			656			
JL-S-35	7821026			657			
JL-S-35F	7821027	✓		657			
JL-S-36	7821028	<del>N101</del>		659			
JL-S-36F	7821029	<del>N101</del>		659			
JL-S-36A	7821030	A101	↓	701		↓	

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## Sample Log

—Environmental Lead—

Client: Jackson Liberty High School

Project: \_\_\_\_\_

Sampling Date/Time: 2/8/25

Client Sample #	IATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft <sup>2</sup> ) Volume (L)	Results ( )
JL-S-36AF	7821031	A101	2/8/25	701		250 mL	
JL-S-37	7821032	A101		702			
JL-S-37F	7821033	A101		702			
JL-S-38	7821034	A108		704			
JL-S-38F	7821035	A108		704			
JL-S-39	7821036	Library		706			
JL-S-39F	7821037	Library		706			
JL-WF-40	7821038	B128 Across		710			
JL-WF-40F	7821039	B128 Across		710			
JL-BF-41	7821040	B128 Across		711			
JL-BF-41AF	7821041	B128 Across		711			
JL-S-42	7821042	B112		713			
JL-S-42F	7821043	B112		713			
JL-S-43	7821044	B12A		714			
JL-S-43F	7821045	B12A	✓	714		✓	

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## Sample Log

—Environmental Lead—

Client: Jackson Liberty High School

Project: \_\_\_\_\_

Sampling Date/Time: 2/8/25

Client Sample #	iATL #	Location/ Description	Peter Flow Rate	Start End	Sampling time (min)	Area (ft <sup>2</sup> ) Volume (L)	Results ( )
JL-S-44	7821046	Kitchen		718		250 mL	
JL-S-44F	7821047			718			
JL-S-45	7821048			719			
JL-S-45F	7821049			719			
JL-S-46	7821050			720			
JL-S-46F	7821051			720			
JL-S-47	7821052			721			
JL-S-47F	7821053			721			
JL-S-48	7821054			722			
JL-S-48F	7821055	✓		722			
JL-WF-48	7821056	B Hall		726			
JL-WF-48F	7821057			726			
JL-BF-49	7821058			727			
JL-BF-49F	7821059	↓		727			
JL-WF-51	7821060	Adj. D107	✓	732		↓	

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## Sample Log

—Environmental Lead—

Client:

Jackson Liberty High School

Project:

Sampling Date/Time:

2/8/25

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft <sup>2</sup> ) Volume (L)	Results ( )
<del>SL-S-53</del> WF-51F	7821061	Adj. D107		<del>732</del>		250 mL	
SL-S-53	7821062	D112		735			
SL-S-53F	7821063			735			
SL-S-54	7821064			736			
SL-S-54F	7821065			736			
SL-S-55	7821066			737			
SL-S-55F	7821067			737			
SL-S-56	7821068			738			
SL-S-56F	7821069			738			
SL-S-57	7821070			739			
SL-S-57F	7821071			739			
SL-S-58	7821072			740			
SL-S-58F	7821073	↓		740			
SL-WF-59	7821074	Adj. D119		743			
SL-WF-59F	7821075	Adj. D119	↓	743		↓	

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## Sample Log

— Environmental Lead —

Client: Jackson Liberty High School

Project: \_\_\_\_\_

Sampling Date/Time: 2/8/25

Client Sample #	iATL #	Location/ Description	Date Flow Rate	Start End	Sampling time (min)	Area (ft <sup>2</sup> ) Volume (L)	Results ( )
JL-WF-60	7821076	Adj. D119	1	744		250 mL	
JL-WF-60F	7821077	Adj. D119		744			
JL-BF-60	7821078	Adj. D119		745			
JL-BF-60F	7821079	Adj. D119		745			
JL-S-61	7821080	C128		748			
JL-S-61F	7821081	C128		748			
JL-WF-66	7821082	E Hall		753			
JL-WF-66F	7821083	E Hall		753			
JL-S-67	7821084	E103		755			
JL-S-67F	7821085	E103		755			
JL-S-68	7821086	C128		759			
JL-S-68F	7821087	C128		759			
JL-WF-69	7821088	Outside C113		800			
JL-WF-69F	7821089	↓		800			
JL-BF-70	7821090	↓	↓	801		↓	

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## Sample Log

—Environmental Lead—

Client: Tackson Liberty High School

Project: \_\_\_\_\_

Sampling Date/Time: 2/8/15

Client Sample #	IATL #	Location/ Description	Water Flow Rate	Start End	Sampling time (min)	Area (ft <sup>2</sup> ) Volume (L)	Results ( )
JL-BF-70F	7821091	Outside C113		801		250 mL	
JL-S-71	7821092	C1136		803			
JL-S-71F	7821093	C1136		803			
JL-S-72	7821094	C112		805			
JL-S-72F	7821095	C112		805			
JL-WF-73	7821096	Outside Stair #3		809			
JL-WF-73F	7821097	Outside Stair #3		809			
JL-BF-74	7821098	Outside Stair #3		810			
JL-BF-74F	7821099	Outside Stair #3		810			
JL-S-75	7821100	C212		812			
JL-S-75F	7821101	C212		812			
JL-S-78	7821102	C215		814			
JL-S-78F	7821103	C215		814			
JL-S-79	7821104	C214		815			
JL-S-79F	7821105	C214	✓	815		✓	

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## Sample Log

—Environmental Lead—

Client: Jackson Liberty High School Project: \_\_\_\_\_

Sampling Date/Time: 2/8/15

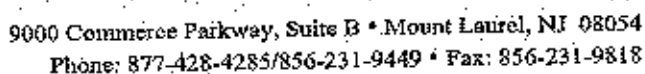
Client Sample #	iATL #	Location/ Description	Volume Flow Rate	Start End	Sampling time (min)	Area (ft <sup>2</sup> ) Volume (L)	Results ( )
JL-S-82	7821106	B228	2/8/15	817		250 mL	
JL-S-82F	7821107	B228		817			
JL-WF-B3	7821108	Outside Stair #1	#1	821			
JL-WF-83F	7821109	Outside Stair #1		821			
<del>JL-S-81</del>							
<del>JL-S-81F</del>							
JL-S-02	7821110	Concessions		840			
JL-S-02F	7821111	Concessions		840			
<del>JL-S-03</del>				<del>841</del>			
<del>JL-S-03F</del>				<del>841</del>			
JL-S-06	7821112	Field House		843			
JL-S-06F	7821113	Field House		843			
JL-S-08	7821114	Field House		<del>844</del> 845			
JL-S-08F	7821115	Field House		<del>844</del> 845			
JL-S-09	7821116	Field House	✓	846		↓	

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Client: Jackson Liberty High School Project: \_\_\_\_\_  
Sampling Date/Time: 2/8/25 \_\_\_\_\_

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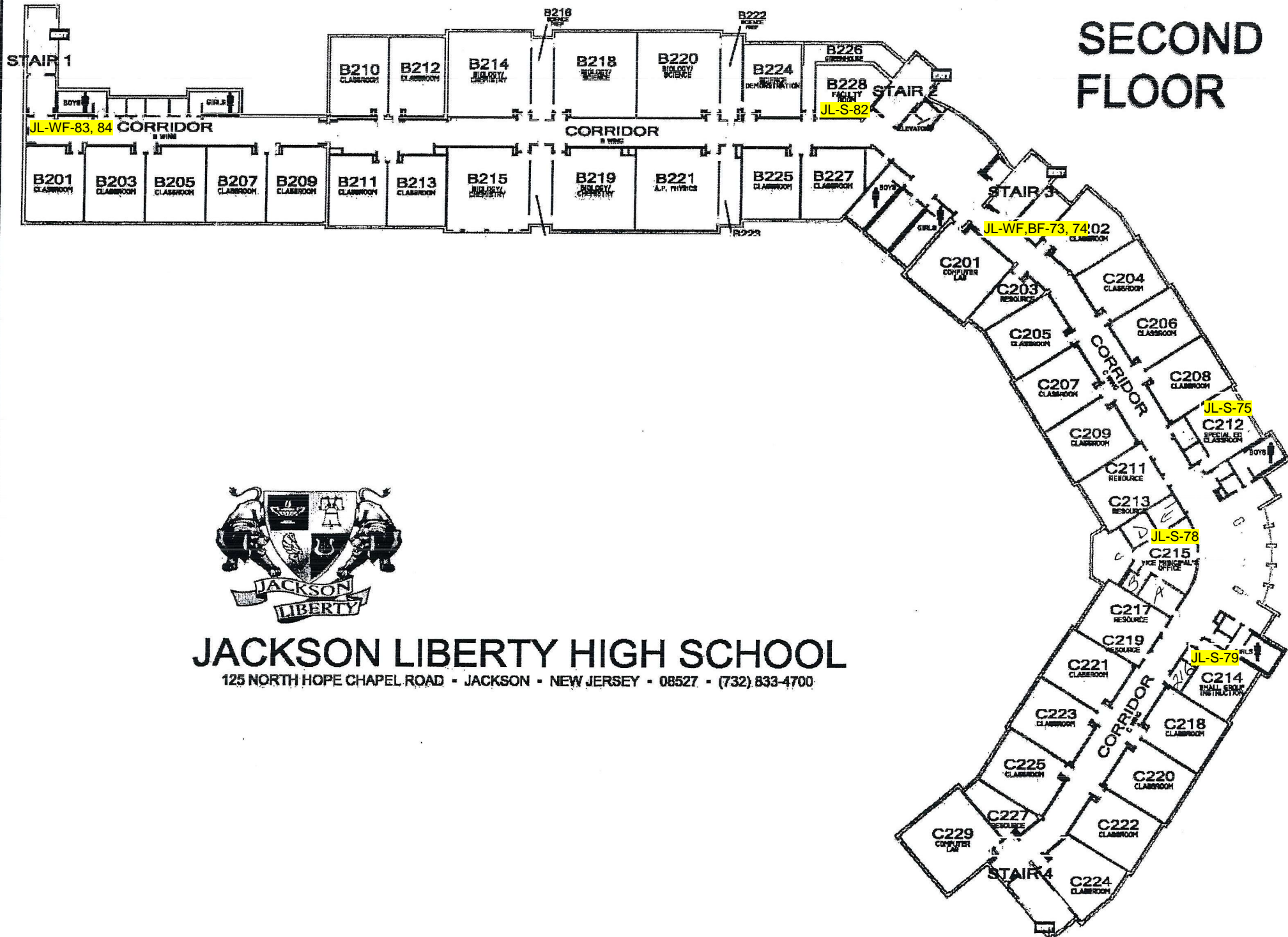
## APPENDIX C: SAMPLE LOCATION DIAGRAM

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125 NORTH HOPE CHAPEL ROAD - JACKSON - NEW JERSEY - 08527 - (732) 833-4700

# SECOND FLOOR

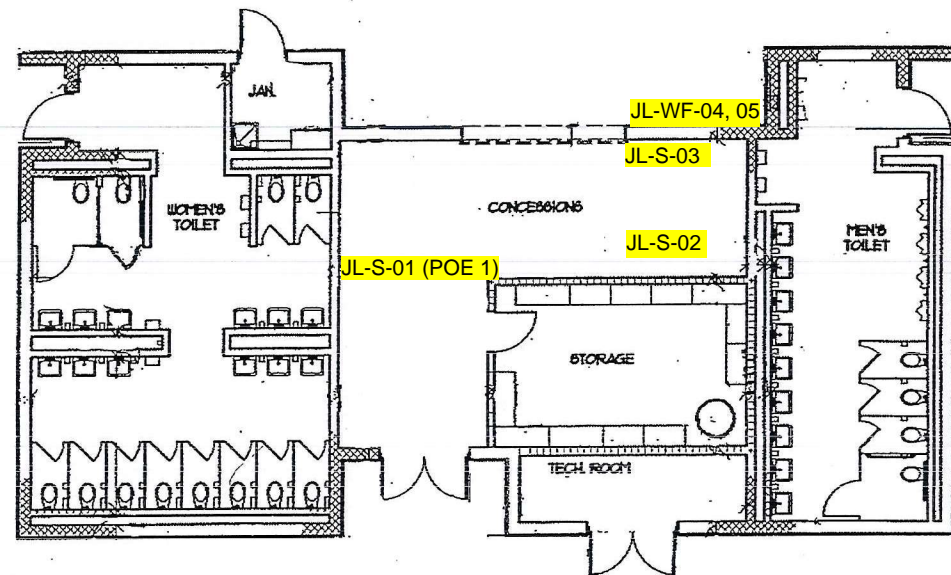


## JACKSON LIBERTY HIGH SCHOOL

125 NORTH HOPE CHAPEL ROAD • JACKSON • NEW JERSEY • 08527 • (732) 833-4700

Liberty High School  
125 North Hope Chapel Road  
Jackson, NJ 08527

Concession Stand



FLOOR PLAN - CONCESSIONS / TOILETS OUTBUILDING

Liberty High School  
125 North Hope Chapel Road  
Jackson, NJ 08527

Field House

